



Construction Materials Testing Equipment

# 2018 Price Catalog

## Your Source for Construction Materials Testing Equipment



888.293.2121

sales@myerstest.com

myerstest.com

## About Us

Myers has been providing quality products and services throughout the United States since 1994. One phone call gives you access to over 50 of the top manufacturers in the U.S. We shop for you to find the best prices available. Count on us for all of your construction materials testing equipment needs.

## Meet the Team



Fran Myers  
Chief Executive Officer  
207-289-1561  
fmyers@myerstest.com

Fran started her career in hotel sales and has since worked as a meeting planner and financial operations manager. She worked as the Director of Conferences for a continuing education program until 2014 when she came to Myers Associates. She uses her financial knowledge and organizational skills as chief executive officer.



Bob Myers  
Chief Operating Officer  
207-289-1555  
rmyers@myerstest.com

Bob has been in the construction industry since 1981 when he traveled around the U.S. working as an admixtures sales representative. In 1987, he moved on to become an area manager of ready mixed concrete until 1994 when he started Myers Associates. Bob uses his experience and knowledge of the industry in day to day operations.

### Certifications:

- ACI Concrete Field Testing Technician-Grade I
- ACI Concrete Strength Testing Technician
- ACI Aggregate Testing Technician-Grade I
- ACI Concrete Laboratory Testing Technician-Grade I
- ACI Concrete Flatwork Technician-Grade I
- NRMCA Level 4 Certification



Andrew Myers  
Chief Sales Officer  
207-289-1562  
amyers@myerstest.com

Andrew attended the University of Maine and graduated with a Bachelor of Science Degree in Construction Management Technology and a Minor in Engineering Entrepreneurship. He worked as a construction testing technician from 2010-2014 until he came to work for Myers Associates in 2015. He brings his hands on experience and knowledge as chief sales officer along with his extensive list of certifications.

### Certifications:

- ACI Concrete Field Testing Technician-Grade I
- ACI Concrete Strength Testing Technician
- ACI Aggregate Testing Technician-Grade I
- ACI Concrete Laboratory Testing Technician-Grade I
- Associates Constructors Certification-Level 1 (American Institute of Constructors)
- HAZMAT Certification (Troxler Electronics Labs)
- Nuclear Gauge Safety Certification (Troxler Electronics Labs)
- OSHA 10-Hour Certified



Meaghan Myers  
Chief Marketing Officer  
207-289-1556  
mmyers@myerstest.com

Meaghan attended Endicott College and graduated with a Bachelor of Science Degree in Hospitality. In 2011 she worked as an assistant marketing manager in the food industry. At the same time, she began working part time for Myers Associates as an office administrator and has since grown into the full time role of chief marketing officer.



Corey Jacobson  
Sales Manager  
207-289-1557  
cjacobson@myerstest.com

Corey attended the University of Idaho and graduated with a Bachelor of Science Degree in Communications. He recently returned from a Peace Corps volunteer trip in Azerbaijan where he lead the construction of a new basketball court for kids at a local elementary school. The Idaho native began working for Myers Associates in 2015 and exercises his communication skills as sales manager.

### Certifications:

- ACI Concrete Field Testing Technician-Grade I
- Nuclear Gauge Safety Certification (Instrotek, Inc.)



Trever Cloutre  
Logistics Manager  
207-289-1958  
tcloutre@myerstest.com

Trever uses his logical reasoning and numeracy skills to maintain the safe and efficient storage and distribution of goods. He is currently in the process of getting his ACI Concrete Field Testing Technician Grade I certification.



**MYERS**  
Construction Materials Testing Equipment

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*Pricing in this catalog is subject to change without notice.  
Please call or email for current pricing  
888.293.2121 or [sales@myerstest.com](mailto:sales@myerstest.com)*



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**Slump Cone - Metal**  
ASTM C143, AASHTO T119

The metal slump cone is spun from heavy gauge steel and is seamless to provide a stronger, more durable product that is easy to clean. All parts of the cone are plated for rust resistance. The cone has an 8" open base, 4" top, and an overall height of 12".



SC Metal Slump Cone \$39.95

**Slump Cone - Plastic**  
ASTM C143, AASHTO T119

The plastic slump cone is inexpensive and lightweight. It will not rust or dent and can be cleaned in an acid bath if necessary. The cone has an 8" open base, 4" top, and an overall height of 12".



PSC Plastic Slump Cone \$21.50

**Slump Cone Base - Aluminum**  
ASTM C143, AASHTO T119

The slump cone base plate is made from cast aluminum. Attached base clamps rotate over the foot lugs to secure the slump cone during filling. Once the slump cone is lifted, the handle rotates vertically over the sample to facilitate measurement of the resulting concrete slump.



HM-212 Aluminum Slump Cone Base \$96.50

**Slump Cone Base - Poly**  
ASTM C143, C143M; AASHTO T119

The 18" x 18" slump cone base is made of high-density polyethylene. The base has adjustable clamps that secure the slump cone and spring-loaded rod clamps to allow easy transport. It is easily cleaned and will not corrode.



ACM-31 Poly Slump Base \$78.00

**Economy Slump Base**  
ASTM C143, AASHTO T119

The economy slump base is fabricated from a 1/4" aluminum plate for strength and rigidity. The base can be used to consolidate an entire slump testing set into one, easy to carry unit.



SCEBP Economy Slump Base 18" x 18" \$60.90

SCEBP-XL Economy Slump Base 24" x 24" \$89.25

**Slump Cone Set**  
ASTM C143, AASHTO T119

The portable slump test set includes all tools necessary to conduct a slump test on a sample of freshly mixed concrete. The unique base design allows all components to be combined into a one-piece unit. The attached handle can be rotated above the specimen and used as a guide to measure the slump. The set includes the base with cone, attached hold down clamps, slump cone, tamping rod, and scoop.



HM-220 Slump Cone Set \$144.95

**Poly Slump Cone Set**  
ASTM C143, AASHTO T119

The portable poly slump cone test set includes all tools necessary to conduct a slump test on a sample of freshly mixed concrete. The poly slump base is easy to clean and lightweight. It features both adjustable hold down clamps and rod clamps, which doubles as a carrying handle. The set includes the poly base with attached hold down clamps, metal slump cone, tamping rod, and scoop.



ACM-3K Poly Slump Cone Set \$122.00

**Deluxe Slump Cone Set**  
ASTM C143, AASHTO T119

The deluxe slump cone set provides all the equipment needed to perform at slump test. The set includes a slump cone, base, funnel, scoop, cleaning brush, and tamping rod, and tape measure. The metal slump cone is spun from heavy gauge steel, is rust resistant, and seamless to provide a stronger, more durable product that is easy to clean.



HM-220D Deluxe Slump Cone Set \$172.00

**Slump Cone Set with Pan**  
ASTM C143, AASHTO T119

The slump cone test set includes all tools necessary to conduct a slump test on a sample of freshly mixed concrete. The set includes the galvanized metal pan with handles, metal slump cone, tamping rod, scoop, trowel, and bristle brush.



HM-41 Slump Cone Set with Pan \$113.95

**Economy Slump Cone Set**  
ASTM C143, AASHTO T119

The economy slump cone set includes all the equipment necessary to conduct a slump test of freshly mixed concrete. The set includes a fabricated aluminum slump cone base, steel or plastic seamless slump cone, graduated tamping rod, and 38oz. scoop.



SCEBP-KIT Slump Cone Set with Metal Cone \$115.50

SCEBP-KIT-P Slump Cone Set with Plastic Cone \$99.20

**Tape Measure**



- High strength rubber case
- Easy to read markings
- Extra thick blade
- Easy to use thumb lock
- Graduated in 1/16", 1/8", 1" and 1' stud findings

69097 Tape Measure 12' x 1/2" \$3.99

**Slump Cone Funnel**

ASTM C143, C143M; AASHTO T119



The slump cone funnel is a convenient accessory for fast and easy filling of slump cones and also allows the use of larger scoops.

HM-53 Slump Cone Funnel \$22.20

**K-Slump Tester**

ASTM C1362



The k-slump tester indicates correlation to slump tests for in-place forms and molds. The probe determines workability of concrete and degree of compactions after being placed.

HM-65 K Slump Tester \$173.00

Pressure Meters

**Type B Pressure Meter with ACM Style Carrying Case**  
ASTM C231, AASHTO T152

The pressure air meter measures entrained air in normal weight fresh mixed concrete. It has an easy to use and easy to read gauge with calibration adjustments. Its brass pump builds test pressure faster, using fewer strokes. The kit comes complete with the meter, plastic carrying case, bulb syringe, tamping rod, strike off bar, rubber mallet, calibration vessel, inside/outside calibration tubes, and calibration certificate.



ACM-6 Pressure Meter Kit \$599.95

ACM-6A Pressure Meter Only \$499.95

**Type B Pressure Meter with Toolbox Style Carrying Case**  
ASTM C231, AASHTO T152

The pressure air meter measures entrained air in normal weight fresh mixed concrete. The handles on the bucket make the meter easier to carry. The kit comes complete with the meter, plastic carrying case, bulb syringe, tamping rod, strike off bar, and calibration equipment.



CA-0500 Pressure Meter Kit \$625.00

CA-0501 Pressure Meter Only \$545.00

**Press-Ur-Meter (Watts Style Meter with Upright Plastic Case)**  
ASTM C231, AASHTO T152

The original Press-Ur-Meter for field and laboratory tests is designed to determine air content, determination of specific gravity and free moisture test of aggregates. The Watts Style meter has "j-hook" shaped latch tabs and comes complete with the meter, plastic-upright carrying case, bulb syringe, tamping rod, strike off bar, calibration vessel, and inside/outside calibration tubes.



H-2786P Press-Ur-Meter Kit \$730.00

**Type B Pressure Meter with Flat Gauge Mount**  
ASTM C231, AASHTO T152

The pressure air meter measures entrained air in normal weight fresh mixed concrete. For convenience, the tare weight in grams is stamped on the bottom. When used with the supplied nomograph, the air meter provides quick and easy particle density and percent of free moisture in aggregate determinations. The meter is supplied with an aluminum tamping bar.



34-3265 Pressure Meter Kit \$704.00

Super Air Meter Air Indicator

**Super Air Meter**  
ASTM C231; AASHTO TP118

- Digital Gauge
- Measures the volume and spacing of air voids in fresh concrete
- Measurements compare to hardened air void analysis (ASTM C457) and freeze-thaw testing (ASTM C666)
- Determines accurate air content of concrete before placement



SAM1 Super Air Meter Kit \$3,175.00

SAM2 Super Air Meter Only \$2,670.00

CAPE Cape Tank Accessory \$629.00



**Chace Air Indicator Kit**  
AASHTO T199



The air indicator kit is recommended for fast estimating of air content of fresh concrete. The method is ideal for rapid field judgments or for determining that a more thorough air meter test is needed. The kit includes the air indicator, instructions, cleaning brush, plastic squeeze bottle and plastic storage box.

H-2756 Chace Air Indicator Kit \$38.00

HMA-1A Chace Air Indicator Only \$24.00

**Replacement Parts**

- A-102 Chace Air Glass Tube \$18.00
- A-103 Stopper for Glass Tube \$14.50

**Volumetair Plastic Roller Meter**  
ASTM C173; AASHTO T196

The Volumetair is used for the rolling method of measuring entrained air in any concrete. This ultra-lightweight meter weighs two-thirds less than the brass roller meter and 1/2 less than the aluminum roller meter. The Volumetair kit comes complete with the meter, funnel, bulb syringe, tamping rod, calibration cup, rubber mallet, strike off bar and plastic carrying case.



ACM-4K Plastic Volumetair Roller Meter \$365.00

**Aluminum Roller Meter**  
ASTM C173; AASHTO T196

The lightweight aluminum roller meter simply and accurately measures the air content of any fresh mixed concrete. The meter is constructed from aircraft grade cast aluminum and is black anodized to resist corrosion from concrete mixtures. The kit comes complete with the meter, stainless steel fast acting clamps, tamping rod, bulb syringe, baffle funnel assembly, straightedge, spanner wrench, measuring cup, and heavy-duty plastic carrying case.



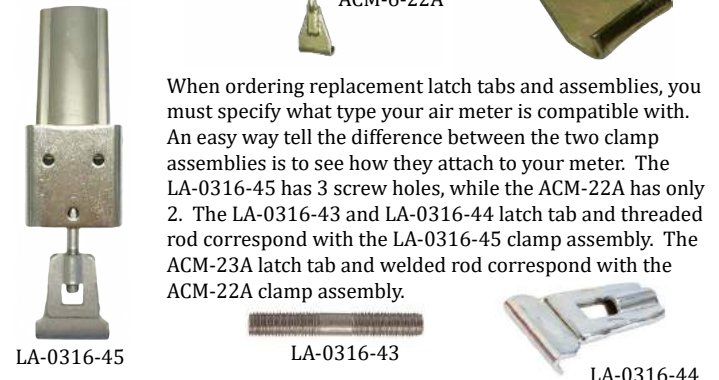
CA-0610 Aluminum Roller Meter Kit \$685.00

Roller Meters

Air Meter Replacement Parts



ACM-6-01	Pressure Chamber	\$26.00
ACM-6-02	Pressure Chamber Cap	\$35.00
ACM-6-03	45° Elbow	\$3.00
ACM-6-04	Chamber Gasket	\$1.10
ACM-6-05	Bleeder Valve Stem	\$2.85
ACM-6-06	Bleeder Cap & Gasket	\$3.00
ACM-6-06G	Bleeder Cap Gasket	\$1.00
ACM-6-07	Air Meter Gauge	\$69.95
ACM-6-07P	Rubber Gauge Protector	\$21.50
HMA-108	Gorilla Gauge (Hi-Strength Polymid B Housing)	\$75.95
ACM-6-11	Needle Valve Stem	\$18.00
ACM-6-12	Needle Valve Nut	\$1.00
ACM-6-13	Needle Valve Lever	\$7.65
ACM-6-14	Needle Valve Spacer	\$1.90
ACM-6-15	Needle Valve O-Ring	\$1.20
ACM-6-16	Needle Valve Spring	\$3.00
ACM-6-17	Spring Retainer Nut/Clip	\$2.40
ACM-6-18A	Valve Seat O-Ring	\$1.00
ACM-6-18	Valve Seat Assembly	\$7.50
ACM-6-19	Air Meter Lid (SPECIFY MODEL)	INQUIRE*
ACM-6-20	Cover Lid O-Ring	\$6.50
ACM-6-21	Petcock-Ball Valve Type	\$9.50
ACM-6-22A	ACM Style Clamp Assembly	\$33.75
ACM-6-23A	ACM Style Clamp Tab & Stud	\$18.95
ACM-6-29	Meter Base (SPECIFY MODEL)	INQUIRE*
LA-0316-43	Forney Style Threaded Rod	\$3.85
LA-0316-44	Forney Style Latch Tab	\$7.85
LA-0316-45	Forney Style Clamp Assembly	\$29.00
ACM-6-37S	Gauge Glass 3-3/4" Diameter	\$9.50
ACM-6-37L	Gauge Glass 4-1/4" Diameter	\$9.50
ACM-6-57	Gasket Kit (without Lid Gasket)	\$8.50
ACM-6-57C	Gasket Kit with Lid Gasket	\$15.00



When ordering replacement latch tabs and assemblies, you must specify what type your air meter is compatible with. An easy way to tell the difference between the two clamp assemblies is to see how they attach to your meter. The LA-0316-45 has 3 screw holes, while the ACM-22A has only 2. The LA-0316-43 and LA-0316-44 latch tab and threaded rod correspond with the LA-0316-45 clamp assembly. The ACM-23A latch tab and welded rod correspond with the ACM-22A clamp assembly.

**Watts Style Parts**

Part#	Description	Price
ACM-6-22WK	Clamp Assembly	\$60.00
ACM-6-22W	Clamp with Stud	\$22.00
ACM-6-23W	Clamp Nut	\$1.05
ACM-6-24W	Clamp Trunion	\$13.25
ACM-6-25W	Clamp Spring	\$3.00
ACM-6-26W	Clamp Toggle	\$29.00
ACM-6-27W	Toggle Set Screw	\$1.75
ACM-6-28W	Toggle Lock Nut	\$1.10

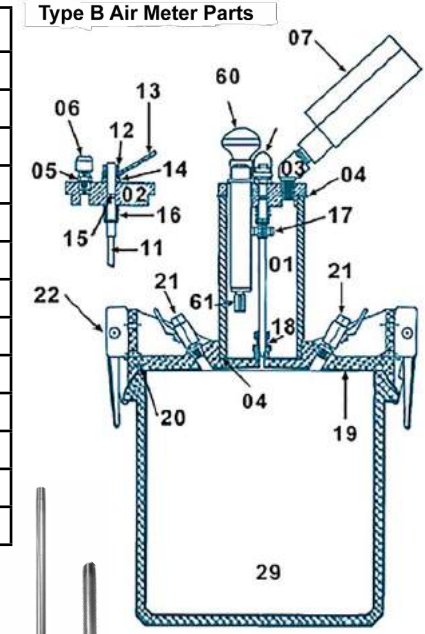


Ultra Pump Parts Guide



Part#	Description	Price
ACM-6-60	Ultra Pump	\$47.75
ACM-6-60-1	Top Knob	\$3.25
ACM-6-60-2	Steel Nut	\$1.60
ACM-6-60-3	Vinyl Shielding	\$1.40
ACM-6-60-4	Top Housing	\$14.00
ACM-6-60-5	Housing O-Ring	\$2.10
ACM-6-60-6	Pump Shaft	\$17.50
ACM-6-60-7	Internal Rod	\$12.00
ACM-6-60-8	Rod Shock O-Ring (Optional)	\$2.75
ACM-6-60-9	Plunger O-Ring	\$1.60
ACM-6-60-10	Plunger Spool	\$11.75
ACM-6-60-61	Check Valve with Gasket	\$10.00
ACM-6-60-PK	Pump Repair Kit	\$11.95

Part#	Description	Price
ACM-6-38P	Plastic Carrying Case	\$99.50
ACM-6-39	Clip for ACM-6-38P Carrying Case	\$5.00
AM-0176	Toolbox Style Carrying Case	\$99.95
CA-0500-60L	Clip for AM-0176 Carrying Case	\$3.95
ACM-6-34A	Strike Off Bar (Aluminum)	\$6.95
ACM-6-36	Bulb Syringe 4 oz.	\$4.95
RM-1	Rubber Mallet 11lb	\$5.50
ACM-40P	Pro Cali-Can 5% (ASTM)	\$72.50
ACM-6-31	Calibration Vessel	\$29.00
ACM-6-32	Outside Calibration Tube	\$9.00
ACM-6-33	Inside Calibration Tube	\$7.00



Air Meter Refurbishing

We can clean and calibrate your old worn out pressure and roller meters

For just \$99.00 plus parts and shipping you can get your used meters refurbished and recalibrated to like-new condition.



**IMPORTANT SHIPPING INFORMATION**

- Please ship just your meter only (bucket & lid assembly), packed in either its case or a box
- We recommend taking the gauges off of the pressure meters and packing with extra care to prevent damage
- Please consider shipping your meters GROUND. All New England States, parts of NY and NJ are 1 day points to us. Most other states are 2-3 day points. It will save you in freight charges by shipping ground.

Please make print and fill out the form on the next page and send with your meter. You can also find the form on our website at [www.myerstest.com/concrete-air-meter-cleaning](http://www.myerstest.com/concrete-air-meter-cleaning)



Construction Materials Testing Equipment

## Air Meter Refurbish Form

Please enclose one form per meter

PLEASE SELECT FROM THE FOLLOWING OPTIONS:

(Check all that apply)

CLEAN & CALIBRATE (\$99.00 PLUS PARTS)	CALIBRATE ONLY (\$50.00)	VOLUME OF BUCKET VERIFICATION (+ \$15.00)
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### FILL OUT ENTIRE FORM BELOW

<b>Company:</b>			
<b>Name:</b>			
<b>Address:</b>		<b>City:</b>	
<b>State:</b>		<b>Zip Code:</b>	
<b>Email:</b>			
<b>Phone:</b>			

**SERIAL NUMBER OF METER:**

**COMMENTS** (Let us know if there are any specific issues with the meter):

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### Important Shipping Information

- Please ship **just your meter only** (bucket & assembly, packed in either its case or a box
- We recommend taking the gauges off and packing with extra care to prevent damage
- Please consider shipping your meters **GROUND**. All New England States, parts of NY and NJ are 1 day points to us. Most other states are 2-3 day points. It will save you in freight charges by shipping ground.

**Ship to Address:**  
Myers Associates, Inc.  
21 Washington Ave  
Scarborough, ME 04074

\*\*Note: Prices above **DO NOT** include shipping costs\*\*

### Roller Meter Replacement Parts

Part#	Description	Price
ACM-4K-01	Top (Expansion Plug)	\$19.50
ACM-4K-02	Clear Calibrated Tube Assembly	\$38.00
ACM-4K-03	Calibrated Decal	\$11.50
ACM-4K-04	Meter Top Housing	\$109.00
ACM-4K-05	Meter Bottom Housing	\$94.00
ACM-4K-07	Stainless Steel Clamp Assembly	\$81.00
ACM-4K-09	Plastic Tamping Rod 5/8" x 12"	\$12.00
ACM-4K-10	Funnel	\$36.00
ACM-4K-11	1% Measuring Cup, 22ml	\$17.00
ACM-4K-12	Plastic Strike Off Bar	\$8.50
ACM-4K-15	Meter Cover O Ring	\$8.00
ACM-4K-CP	Plastic Carrying Case	\$68.00

Call to inquire about Brass Roller Meter parts  
888.293.2121



#### Aluminum Roller Meter Parts

Part#	Description	Price
CA-0610-01	Tube Cap-Screw on Type	\$37.50
CA-0160-02	Tube Cap Gasket	\$1.60
CA-0610-03	Graduated Aluminum Tube	\$123.00
CA-0610-04	Spanner Wrench	\$7.50
CA-0610-05	Tube Clamp Ring	\$17.65
CA-0610-06	Tube O-Ring	\$3.85
CA-0610-06G	Tube Gasket, Bottom	\$1.90
CA-0610-07	Plastic Site Tube	\$19.00
CA-0610-08	Upper Chamber Body	\$248.00
CA-0610-09	Lid O-Ring	\$4.80
CA-0610-10	Aluminum Base	\$170.00
CA-0610-11	Baffle Funnel Assembly	\$36.85
CA-0610-12	Steel Tamping Rod 5/8" x 12"	\$12.50
CA-0610-13	Metal Measuring Cup 1%	\$19.00
CA-0610-62	Plastic Carrying Case	\$99.75
CA-0500-26	Latch Assembly	\$29.00
PLMC016CL	Measuring Cup, 1 Pint	\$3.00
PLMC032CL	Measuring Cup, 1 Quart	\$4.00

## Plastic Cylinder Molds

## Plastic Cylinder Molds

### Paragon Products Cylinder Molds

ASTM C31, C39, C192, C470, C496; AASHTO T22, T23, T126, T198, M205

Part#	Description	Price
PAR61236	Gray Cylinder Molds 6" x 12", 36/case	\$33.75
PAR61236W	White Cylinder Molds 6" x 12", 36/case	\$33.75
PAR61236Y	Yellow Cylinder Molds 6" x 12", 36/case	\$33.75
PAR6DL	6" Domed Lids for 6" x 12" Molds	\$0.27
PAR6DL-C	6" Domed Lids for 6" x 12" Molds 200/case	\$40.00
PAR4836	Gray Cylinder Molds 4" x 8", 36/case (Attached Lids)	\$27.95
PAR4836Y	Yellow Cylinder Molds 4" x 8", 36/case (Attached Lids)	\$27.95
PAR4896	Gray Cylinder Molds 4" x 8", 96/case (Attached Lids)	\$72.00
PAR4896Y	Yellow Cylinder Molds 4" x 8", 96/case (Attached Lids)	\$72.00
PAR3680	Gray Cylinder Molds 3" x 6", 80/case (Attached Lids)	\$56.95
PAR2484	Gray Cylinder Molds 2" x 4", 84/case (Attached Lids)	\$49.95

The disposable, flat bottomed plastic cylinder molds are designed to be easily stripped with a standard stripping tool. The smaller sizes of molds are made with an attached lid. The lids for the 6" x 12" molds are sold separately.

- Flat or domed lids available
- Attached domed lid on 2x4, 3x6, 4x8 sizes
- Reinforced lip and bottom
- Notched lip for easy stripping
- 4" x 8" cylinders available in freight saver 96 packs
- White and yellow molds available upon request



To save on freight costs, order molds by the pallet

#### Number of Boxes per Pallet

6" x 12"	10
4" x 8", 96/cs	10
4" x 8", 36/cs	30
3" x 6"	30

Call to inquire about pricing on Custom Printed 4" x 8" and 6" x 12" molds (888) 293-2121

### Deslauriers Cylinder Molds

ASTM C39, C192 and C470

#### Standard Color Molds (Featured in picture below)

Part#	Description	Price
TC6	6" x 12", 20/case No Lid	\$24.30
TC6-L6F	6" x 12", 20/case with Flat Lid	\$29.35
TC6-L6D	6" x 12", 20/case with Domed Lid	\$29.60
TC6PG	6" x 12", 20/case Generic Label, No Lid	\$26.30
TC6PG-L6F	6" x 12", 20/case Generic Label with Flat Lid	\$30.80
TC6PG-L6D	6" x 12", 20/case Generic Label with Domed Lid	\$31.05
TC4	4" x 8", 36/case No Lid	\$25.25
TC4-L4F	4" x 8", 36/case with Flat Lid	\$32.70
TC4-L4D	4" x 8", 36/case with Domed Lid	\$33.30
TC4PG	4" x 8", 36/case Generic Label, No Lid	\$28.35
TC4PG-L4F	4" x 8", 36/case Generic Label with Flat Lid	\$35.75
TC4PG-L4D	4" x 8", 36/case Generic Label with Domed Lid	\$36.40
TC3	3" x 6", 80/case No Lid	\$77.50
TC3-L3F	3" x 6", 80/case with Flat Lid	\$89.50
TC2	2" x 4", 75/case No Lid	\$49.50
TC2-L2F	2" x 4", 75/case with Flat Lid	\$61.20

#### White Molds

Part#	Description	Price
TC6W	6" x 12", 20/case No Lid	\$30.50
TC6W-L6F	6" x 12", 20/case with Flat Lid	\$35.50
TC6W-L6D	6" x 12", 20/case with Domed Lid	\$35.95
TC6WPG	6" x 12", 20/case Generic Label, No Lid	\$32.25
TC6WPG-L6F	6" x 12", 20/case Generic Label with Flat Lid	\$37.25
TC6WPG-L6D	6" x 12", 20/case Generic Label with Domed Lid	\$37.60
TC4W	4" x 8", 36/case No Lid	\$31.45
TC4W-L4F	4" x 8", 36/case with Flat Lid	\$38.85
TC4W-L4D	4" x 8", 36/case with Domed Lid	\$39.50
TC4WPG	4" x 8", 36/case Generic Label, No Lid	\$34.55
TC4WPG-L4F	4" x 8", 36/case Generic Label with Flat Lid	\$41.95
TC4WPG-L4D	4" x 8", 36/case Generic Label, Domed Lid	\$42.60



#### Cylinder Lids

Part#	Description	Price
L6F	6" Flat Lid, 250/cs	\$62.50
L6D	6" Domed Lid, 250/cs	\$72.50
L4F	4" Flat Lid, 300/cs	\$69.00
L4D	4" Domed Lid, 300/cs	\$72.00
L3F	3" Flat Lid, 100/cs	\$22.00
L2F	2" Flat Lid, 100/cs	\$22.00

- Deslauriers' BIO-CYLINDER™ is disposable, bio-degradable, recyclable and non-absorptive
- Molded single unit for consistent dimensional uniformity
- Smooth molded plastic allows for quick, easy stripping
- Strong, durable BIO-CYLINDER™ is weather resistant
- Cylinder lids sold separately

#### Reusable Molds

Part#	Description	Price
RBS	4" Reusable Bio-Cylinder Molds, 4/case with Domed Lids	\$85.95



#### Boxes/Pallet

6" x 12"	14
4" x 8"	24
3" x 6"	24

To save on freight costs, order molds by the pallet

Call to inquire about pricing on Custom Printed 4" x 8" and 6" x 12" molds (888) 293-2121

sales@myerstest.com myerstest.com 888.293.2121

### M.A. Industries Cylinder Molds

ASTM C470, C192; AASHTO M205



The molds are made of high quality copolymer polypropylene plastic and are easily stripped with a standard stripping tool. The lids are sold separately.

Molds are sold by the case. All lids except the 2" x 4" can be purchased by the case or individually.

Call to inquire about pricing on Custom Printed 4" x 8" and 6" x 12" molds (888) 293-2121

#### Number of Boxes per Pallet

6" x 12"	12
4" x 8"	24
3" x 6"	24
2" x 4"	30

To save on freight costs, order molds by the pallet

## Steel Cylinder Molds

### Steel Cylinder Mold, 6" x 12"

ASTM C31, C39, C192, C470; AASHTO T22, T23, T126, T198

The cylinder mold is constructed of plated steel for rust resistance and is dimensionally stable under severe use. It is split along one side with 2 quick-acting clamps welded to mold. When open, the mold springs apart slightly to allow specimen removal. Each mold includes a detachable base plate.

H-2942 Steel Cylinder Mold 6" x 12" \$124.00



### Steel Cylinder Mold, 6" x 12" with Handle

ASTM C31, C39, C192, C470; AASHTO T22, T23, T126, T198

The heavy duty metal cylinder mold is made of steel and has a wall thickness of 1/4". It is split along one side with two quick-acting clamps that allow the mold to open slightly for removal of the specimen. The mold comes complete with a 1/4" thick base plate and lifting handle.

HM-216 Steel Cylinder Mold 6" x 12" with Handle \$159.50



### Steel Cylinder Mold, 4" x 8"

ASTM C31, C39, C192, C470; AASHTO T22, T23, T126, T198

The steel cylinder mold is constructed of plated steel for rust resistance and is dimensionally stable under severe use. The 1/4" thick mold is split along one side with 2 quick-acting clamps welded to it. When it's open, the mold springs apart slightly to allow specimen removal. The mold comes complete with a detachable base.

HM-217 Steel Cylinder Mold 4" x 8" \$89.95



Prices subject to change without notice. Please call to check current pricing.

Pads & Rings

Neoprene Pads

ASTM C1231; AASHTO T22, T851



The pads are made of 1/2" thick high grade neoprene rubber. Their elastometric material flows into irregularities and distributes the test load uniformly without creating air pockets to ensure consistent breaks.

Durometer	PSI	Max # of Uses
50	1,500 - 6,000	100
60	2,500 - 7,000	100
70	4,000 - 7,000	100
70	7,000 - 12,000	50

Diameter	50 Durometer	60 Durometer	70 Durometer	Price
6"	N600-6-50D	N600-6-60D	N600-6-70D	\$6.95
4"	N400-4-50D	N400-4-60D	N400-4-70D	\$5.95
3"	N300-3-50D	N300-3-60D	N300-3-70D	\$5.75
2"	2CP50	2CP60	2CP70	\$9.85

Quantity Discounts, 24+ Pieces

Diameter	50 Durometer	60 Durometer	70 Durometer	Price
6"	N600-6-50D-Q	N600-6-60D-Q	N600-6-70D-Q	\$6.70
4"	N400-4-50D-Q	N400-4-60D-Q	N400-4-70D-Q	\$5.70

NON-ASTM Neoprene Pads

Durometer	PSI
90	12,000+



4CP90 4" Dia., 90 Durometer, 2/set \$75.70

Steel Retainer Rings

ASTM C1231; AASHTO T22, T851

The steel retainer rings are made of high quality tool steel. The internal and external bearing surfaces are machined parallel to within 0.002. The rings are plated for high resistance to scratching and corrosion.



RC-6 6" Retainer Rings 2/set \$138.00

RC-4 4" Retainer Rings 2/set \$125.00

RC-3 3" Retainer Rings 2/set \$122.50

RC-2 2" Retainer Rings 2/set \$152.00

Quick Release Powder Kit

ASTM C1231; AASHTO T22, T851

The quick release powder kit for unbonded capping sets includes an 8 oz. powder shaker dispenser and 48 oz. refill container of polysaccharide powdered lubricant and bond breaker.



HM-277 Quick Release Powder Kit \$31.00

HMA-327 Refill Powder 48oz., Set of 2 \$50.00

Cylinder Capping

Universal Vertical Capper

ASTM C617; AASHTO T231

Part#	Description	Price
H-2925A	Capper - 2" Dia. x 4"	\$240.00
H-2925B	Capper - 3" Dia. x 6"	\$240.00
H-2925C	Capper - 4" Dia. x 8"	\$250.00
H-2925A.1	2" Capper Plate	\$175.00
H-2925B.1	3" Capper Plate	\$167.00
H-2925C.1	4" Capper Plate	\$167.00



The universal vertical capper can be used for 4", 3" and 2" capping, with a simple change of the plate. It assures smooth, right-angle end surfaces when capping concrete test cylinders. The cylinder is placed into the mold against the upright guide after filling the recess with molten capping compound. Its bottom plate is 1" thick steel and is ground to 0.002" planeness with a separate ring to form the recess. The ring and vertical guide are removable to permit regrinding to proper planeness after extended use.

Melting Pot

ASTM C617; AASHTO T231

Part#	Description	Price
VS-4	4 Qt, 115V/60Hz	\$479.00
VS-8	8 Qt, 115V/60Hz	\$875.00
VS-12	12 Qt, 115V/60Hz	\$925.00
VS-20	20 Qt, 115V/60Hz	\$1,025.00
VS-24	24 Qt, 115V/60Hz	\$1,245.00
VS-28	28 Qt, 115V/60Hz	\$1,440.00



Melting pots are useful for preparing capping compounds, wax tars, asphalt, and other materials in the lab. Each pot has precision temperature control for a 100° - 320°F (38° - 160°C) range that holds to set point. The pot automatically turns off at 360°F (182°C). The cast aluminum inner liner is contacted from top to bottom by a unique helically wound element to give even heat distribution. The durable, polished stainless steel outer case assures long, dependable service.

6" Vertical Capper

ASTM C617; AASHTO T231



The vertical capper is used for compression tests on 6" x 12" cylinders. It ensures plane end surfaces at right angles to the cylinder axis and can be used with all types of capping compounds. Its plate is finish-ground from cold-rolled steel to 0.002" planeness.

CP-006 6" Vertical Capper \$280.00

4" Vertical Capper

ASTM C617; AASHTO T231



The vertical capper is used for compression tests on 4" x 8" cylinders. It ensures plane end surfaces at right angles to the cylinder axis and can be used with all types of capping compounds. Its plate is finish-ground from cold-rolled steel to 0.002" planeness.

CP-004 4" Vertical Capper \$240.00

2/3" Vertical Capper

ASTM C617; AASHTO T231



Used for compression tests on 2" x 4" and 3" x 6" cylinders. It ensures plane end surfaces at right angles to the cylinder axis and can be used with all types of capping compounds. Its base is 5/8" thick steel and ground to within 0.002".

CP-002-3 2/3" Vertical Capper \$260.00

Cylinder Capping

Sulfur Capping Compound

ASTM C307, C321, C386, C579, C617, D71



Gray Iron sulfur capping compound ensures even load distribution during concrete strength testing. Ultra-thin, low-odor flakes are carefully formulated from sulfur and mineral filler. Gray Iron melts quickly at 230° - 240°F (110° - 115°C), with a wide optimum pouring range of 265° - 290°F (129° - 143°C). Set time is about one minute, and shrinkage is minimal. If accidental overheating occurs, the compound remains usable after cooling, and solidified material can be re-melted with no loss of properties. Compressive strength exceeds 8,000psi at two hours for ASTM C617 tests of 2" cubes, and bond strength is 150psi or more. Strength and bond properties of capped specimens do not degrade over time, even when stored in humid conditions.

HM-186 Sulfur Capping Compound 50lb \$41.00

HM-187 40+ Bags \$36.50

Hydro-Stone Gypsum Cement



Hydro-Stone is one of the hardest and strongest gypsum cements. It has a heavy, syrupy consistency that is ideal for pouring solid models or patterns. Hydro-Stone has a low viscosity slurry for filling multiple molds at one time.

HydStone Hydro-Stone Gypsum Cement 50lb \$37.95

Compound Ladle



The stainless steel ladle with 4" diameter bowl is used in transferring capping compound from the melting pot to the capping fixture.

HM-210 Compound Ladle \$10.50

End Grinder

Cylinder End Grinder

ASTM C39

The cylinder end grinder grinds three specimen end surfaces at one time automatically. The grinding ensures planeness and parallel finishing as fine as 0.002", and reduces manpower, work time and space. The unit has developed detailed functions to improve grinding performance. Its specimen presser plate can be moved up and down with the one-touch clamp, and specimens can be easily set by rotating the upper lever. The operation panel on the side surface has simple allocation of buttons for ease of operation. It is also equipped with specimen feeding speed adjustment and timer function.

Part#	Description	Price
G-402-MC-196-1-30	Cylinder End Grinder	\$18,990.00
G-402-HSTRPEGDST	Extra Grinding Disk	\$1,000.00
G-402-SAFETY	Safety Guard	\$3,300.00



Cylinder Accessories

Stripping Tools



The stripping tool allows for quicker and easier stripping of concrete test cylinders. Both stripping tools are made of hardened steel.

ST-1 Screwdriver Type Stripping Tool \$19.95

ST-2 T-Handle Type Stripping Tool \$21.00

Quick-Strip Mold Strippers

Provides fast, easy and safe stripping of molds with one pull of the lever. Slices plastic molds with 2 opposing cuts, making removal quick and easy.

H-3045 4" Mold Stripper \$870.00

H-3046 6" Mold Stripper \$1,200.00



Cylinder Wrap

- Minimizes Fragment Scattering
- Made of Canvas/Nylon
- Has Velcro Fastening Strip

W6 6" Cylinder Wrap \$8.00

W4 4" Cylinder Wrap \$6.50





250K Capacity Machines

CM-2500 Series

ASTM C39, E4; AASHTO T22

The CM-2500 has all the features needed in a basic compression testing machine: accuracy, portability, versatility, dependability and compactness - making it the ideal choice for either field or laboratory testing operations. It is well suited for testing 6" x 12" concrete cylinders up to 7,000 PSI or with optional platens, low strength concrete beams.

- Testing Range: 2,500 to 250,000 lbs
- Accuracy: ±0.5% of indicated load
- Supplied with platen set for testing 6" x 12" cylinders using unbonded or sulfur capping method and steel safety guard doors
- Continuous duty hydraulic pump runs quieter, cooler and features greater rate of load control
- Optional Accessories Include: Test platen sets, spacers, machine mounting stand, test cylinder loading shelf and ¾ hp (.6kw) hydraulic pump package
- 2 year warranty on parts and labor



CM-2500-i720 CM-2500 Series - i720 Digital \$7,575.00

CM-2500-iD CM-2500 Series - iD Digital \$8,099.00

CM-2500-TS17 CM-2500 Series - TS17 Digital \$8,525.00

ACCU-TEK Touch 250

ASTM C39; AASHTO T22

- Testing Range: 2,500 to 250,000 lbs
- 5.7" touch screen, incorporating full key pad
- 2 GB of internal memory for storing thousands of test results
- Download data directly to PC via USB or to printer via RS232 interface
- Visual pace rate indicator
- Load vs. Time data logged and displayed for determinations of "goodness of test"
- Analysis of trend data
- One-touch set up (up to 6 sample types can be preset)
- Automatic scaling of stress calculations for custom sample sizes
- Includes heavy duty load frame, hydraulic



The compact single unit design offers a large surface area on the lower platen and a 9" wide horizontal opening between the steel uprights. All hydraulic pump operating controls are mounted on the front of the unit for easy access, and the built-in overload protection provides machine and operator safety. Supplied complete with standard platens, the ACCU-TEK 250 machines can test 6" x 12" cylinders using either the capping compound or capping pad methods.

36-0690/02 ACCU-TEK Touch 250 \$6,999.00

30K Capacity Machines

CM-30 Series

ASTM C39, E4; AASHTO T22

The CM-30 was developed with a specific focus on accuracy and maintaining required load pacing rate. Its load frame incorporates solid steel crossheads and four structural steel side members fully welded together to form a rigid one-piece load frame. The frame's rigidity is further enhanced by the unique method of mounting the hydraulic cylinder/piston assembly through the center of the top crosshead, fully supporting it and eliminating lateral movement of the piston under load extension. The design allows accurate and repeatable test results.



CM-0030-i720 CM-30 Series - i720 Digital \$6,409.00

CM-0300-iD CM-30 Series - iD Digital \$6,895.00

CM-0030-TS17 CM-30 Series - TS17 Digital \$7,566.00

100K Capacity Machines

CM-0100 Series

ASTM C39, E4; AASHTO T22

The CM-0100 series is based on the CM-2500 machine, custom-configured for use as a cube machine. It has all the features you look for in a basic compression testing machine: accuracy, portability, versatility, and dependability. The load frame features a wrap-around box construction with each corner fully welded on both the inside and outside crosshead seams, providing the rugged stability needed for accurate and repeatable test results.



- Machine custom-configured to test cubes
- Accuracy of ±0.5% of indicated load 1,000 - 100,000 lbs
- Choice of 3 digital load-indicating systems
- Quiet-running, continuous-duty hydraulic pump

CM-0100-i720 CM-0100 Series - i720 Digital \$6,930.00

CM-0100-iD CM-0100 Series - iD Digital \$7,420.00

CM-0100-TS17 CM-0100 Series - TS17 Digital \$7,995.00

Masonry Machines

Masonry Series

ASTM C39, C140, C1314, E4; AASHTO T22

- Test blocks, masonry prisms, pavers and retaining wall units
- Testing Range: 1% to full machine capacity
- Accuracy: ± .5% of indicated load
- Optional platens and spacers are available
- 2 Year Warranty on Parts and Labor
- All masonry machines come with standard limit switch



The masonry series machines are available in two load frame configurations for testing single or two block masonry prisms of full sized block up to 12" wide. The heavy duty load frames are designed with a wide horizontal opening and large compression platen table for easier loading of heavy specimens. Its mounting stand also places the lower platen at a convenient working height.

Part#	Description	Price
CM-400B-i720	400K Machine - Single Block - i720 Digital	\$14,145.00
CM-400B-iD	400K Machine - Single Block - iD Digital	\$14,605.00
CM-400B-TS17	400K Machine - Single Block - TS17 Digital	\$15,320.00
CM-400P-i720	400K Machine - Two Block - i720 Digital	\$14,680.00
CM-400P-iD	400K Machine - Two Block - iD Digital	\$15,045.00
CM-400P-TS17	400K Machine - Two Block - TS17 Digital	\$15,605.00
CM-500B-i720	500K Machine - Single Block - i720 Digital	\$19,950.00
CM-500B-iD	500K Machine - Single Block - iD Digital	\$20,290.00
CM-500B-TS17	500K Machine - Single Block - TS17 Digital	\$20,950.00
CM-500P-i720	500K Machine - Two Block - i720 Digital	\$20,625.00
CM-500P-iD	500K Machine - Two Block - iD Digital	\$20,065.00
CM-500P-TS17	500K Machine - Two Block - TS17 Digital	\$21,625.00

300K Capacity Machine

CM-3000 Series

ASTM C39, E4; AASHTO T22

- Testing Range: 3,000 to 300,000 lbs
- Accuracy: ±0.5% of Indicated Load
- Load Frame Stiffness: 10.5 million lbs/in

The CM-3000 features a rigid load frame that exceeds ACI 363 frame elongation requirements, a wide testing range, increased testing capacity and an easy to use load indicator. Its load frame is manufactured with structural steel side members and solid steel crossheads. It features fully welded corners on both the inside and outside crosshead seams, for the rugged stability needed for accurate and repeatable test results.



CM-3000-i720 CM-3000 Series - i720 Digital \$8,725.00

CM-3000-iD CM-3000 Series - iD Digital \$9,195.00

CM-3000-TS17 CM-3000 Series - TS17 Digital \$9,785.00

350K Capacity Machine

ACCU-TEK Touch 350

ASTM C39; AASHTO T22

- Testing Range: 3,000 to 350,000 lbs
- Touch Screen user interface to reduce set-up and training time
- High accuracy and test repeatability
- Automatic stress calculation and display
- USB Data download to PC.
- RS-232C printer communication port.
- Solid steel side member construction.
- Front and rear safety guards provided as standard.
- Adaptable, using a wide range of accessories
- Rapid-change platen mounting system.
- Includes 350,000lbf heavy duty load frame, hydraulic pump and digital readout



The 11.5" (292 mm) wide day light opening of the frame provides accessibility and convenience for placing specimens. Front and rear safety guards are supplied as standard. The rapid-change platen system facilitates mounting accessories to the upper crosshead.

36-0735/02 ACCU-TEK Touch 350 \$8,610.00

400K Capacity Machines

CM-4000 Series

ASTM C39, E4; AASHTO T22

The heavy duty load frame features thicker crossheads and its wrap around frame design which extends the frame's side members around the crossheads. With its wider horizontal frame opening and lower compression platen table, the loading of heavy specimens is easier. Cylinders with pad cap rings are easily set on the front edge of the table and then slid into place, not lifted. The lower platen is through hardened to 55 HRC or greater and hard nickel plated for longer service life.



CM-4000-i720 CM-4000 Series - i720 Digital \$13,055.00

CM-4000-iD CM-4000 Series - iD Digital \$13,380.00

CM-4000-TS17 CM-4000 Series - TS17 Digital \$13,905.00

500K Capacity Machines

CM-5000 Series

ASTM C39, E4; AASHTO T22

The machine's load frame features a wide horizontal opening, large lower platen table, bottom-mounted piston with dust shield, heavy duty load frame mounting stand that positions the lower platen at a convenient height loading heavy test specimens. The lower platen table is through hardened to 55 HRC or greater for longer service life.



CM-5000-i720 CM-5000 Series - i720 Digital \$17,600.00

CM-5000-iD CM-5000 Series - iD Digital \$18,035.00

CM-5000-TS17 CM-5000 Series - TS17 Digital \$18,620.00

High Capacity Machines

High Capacity Series

ASTM C39, E4; AASHTO T22

The High Capacity Series machines are designed to meet the demands of testing high strength concrete specimens in a production testing program where accurate and repeatable test results are required. They exceed both ACI and ASTM requirements for frame rigidity and accuracy. The machines are designed for easier operation and loading of specimens. The load frames feature wide horizontal openings, large lower platen tables, bottom-mount pistons with dust shields and heavy duty load frame mounting stands. Each lower platen table is through hardened to 55 HRC or greater for longer service life.



Call or email for pricing on CM-6000(600K), CM-8000(800K), CM-1000(1000K)

Automatic Compression Machine

Automatic Compression Machine

The automatic compression machines feature both fully automatic and manual test control functions. The automatic controls make the testing process easier and faster than manual machines. Additionally, the radial pumps provide smooth and continuous flow of oil into each machine's hydraulic ram assembly. The automatic loading control systems are available with any new compression testing machine or as a retrofit package for installation on existing machines. Machines range in capacities of 30,000lbs to 500,000 lbs.



Call or email for pricing.

Machine Accessories

Machine Accessories

2" Cube Platen Test Set

The 2" cube test set is used for testing 3" cylinders. The set consists of a spherically seated platen assembly and a lower pedestal.



Table with 3 columns: Part#, Description, Price. Rows include MA-0112-A, MA-0112-SA, MA-0114-A, MA-0115-A.

6" Cube Platen Test Set

The 6" cube test set is used for testing 6" concrete cubes and cylinders. The set includes a spherical seated platen assembly and spacer.



Table with 3 columns: Part#, Description, Price. Rows include MA-0111, MA-0111X, MA-0113, MA-0113X, MA-0116, MA-0116X.

Carrier Bracket

The carrier bracket is used for safer removal and mounting of the block platen assembly inside the load frame and is necessary when testing masonry units.



- MA-0190-SP Stationary Carrier Bracket for 4000 Series \$851.00
MA-0190-P Stationary Carrier Bracket for 5000 Series \$921.00

Cylinder Platen

ASTM C39; AASHTO T22

The cylinder platen assembly is used when testing 6" or 4" diameter concrete cylinders in compression.



- MA-0101 Cylinder Platen Assembly (CM-2500/4000/5000/6000) \$540.00
MA-0104 Cylinder Platen Assembly (CM-3000) \$515.00

Draw Rod

The draw rod system is used to adjust the inside vertical working height of the load frame to allow for testing samples of different heights through the use of spacers and test platens.



- MA-0802 Draw Rod Assembly \$536.00

Spacers

The spacers are used with test platens to adjust the vertical working clearance height inside a machines load frame for testing samples of various types and sizes to prevent over-extension of the load frames piston.



Table with 3 columns: Part#, Description, Price. Rows include MA-0604, MA-0609, MA-0612, MA-0615, MA-0638, MA-0600.

Cylinder Loading Shelf

The cylinder loading shelf is designed to make loading and positioning 6" cylinders with pad cap rings both easier and safer in a CM-2500 machine.



- MA-0135 Cylinder Loading Shelf for CM-2500 \$62.00

Cylinder Splitting Set

ASTM C496; AASHTO T198

The cylinder splitting set is used to determine the splitting tensile strength of concrete cylinders. The splitting head has a bearing contact area of 12" long by 2" wide.



- MA-0120 Cylinder Splitting Set for CM-2500 \$1,095.00
MA-0123 Cylinder Splitting Set for CM-4000/5000+ \$675.00
MA-0124 Cylinder Splitting Set for CM-3000 \$648.00

Flexural Beam Attachment

ASTM C78, C293; AASHTO T97, T177



The flexural beam attachment is used to determine the modulus of rupture of center or third point beams with a depth of 6".

- MA-0117-A1 Flexural Attachment for CM-3000 \$1,859.00
MA-0119-A1 Flexural Attachment for CM-0030/2500/400/500 \$1,878.00

Masonry Platens

ASTM C78, C293; AASHTO T97, T177

The 12" and 8" wide masonry units feature large diameter spherical disks and seat assemblies. The platen bearing surfaces plane to 0.001" in any 6" direction.



- MA-0106 Platen Assembly for CM-2500 \$2,795.00
MA-0106-3 Platen Assembly for CM-3000 \$2,765.00
MA-0107-P Platen Assembly for CM-4000/5000+ \$3,532.00

Hydraulic Parts

Table with 3 columns: Part#, Description, Price. Rows include HP-4000, HP-4000-A, HP-4000-Q, HP-4000-Q/V, HP-4002.

Limit Switch Assemblies

Prevents Overextension of Pins

Table with 3 columns: Part#, Description, Price. Rows include TM-0100, TM-0101, TM-0102, TM-0106.

Mounting Stands

Table with 3 columns: Part#, Description, Price. Rows include MA-0032, MA-0200, MA-3000.

Digital Indicators

iD Digital Indicator

ASTM C39, E4; FCC; UL; CUL; CE; Measurement Canada

- Simultaneously displays load, sample stress, rate of load & type/size of sample
Dual operating language option - English or Spanish
Automatically calculates and displays peak stress at the end of a test
Built for the harshest lab environments
Sample type menu lists 6 specimen types: cylinder, cube, beam, 3rd point, beam center point, cylinder split in tension, cross-sectional area
Displays force units of lbs, kN, kg, N
Displays stress units of psi, MPa, kg/cm^2, Kpa
Displays size units of in, mm, cm
Displays time units of seconds or minutes



All information is clearly displayed on the indicators 4.6" W x 3.4" H back-lit VGA graphic panel display. Its 320 x 240 pixel screen with adjustable contrast is easily read in both bright and poor lighting conditions.

- TM-920 iD Digital Indicator \$1,885.00

TS17 Digital Indicator

ASTM C39, E4



- Sample type menu lists 6 specimen types: cylinder, cube, beam, 3rd point, beam center point, cylinder split in tension, cross-sectional area
Simultaneously displays load, sample stress, rate of load & type/size of sample
Displays both peak stress and load
Up to 1,000 tests can be stored in memory
Data transferred through USB or Ethernet port

The TS17 Digital Indicator has a 7" full color, waterproof controller. The screen displays easy-to-read alphanumeric characters, while simultaneously displaying live load, sample stress and rate of loading.

The controller has two load calibration channels, allowing it to control two testing machine load frames and two strain calibration channels for us with an optional Compressometer/Extensometer. The controller's accuracy exceeds ASTM C39 and E4 requirements, which is achieved through a password protected calibration program with ten linearization points.

- TM-1720 TS17 Digital Indicator \$2,265.00

i720 Digital Indicator

ASTM C39, E4; NEMA-4; UL; CUL; CE; Measurement Canada

- Simultaneously displays both live load and rate of load
Designed for the harshest lab environments with a moisture/dust-proof case
Accuracy of +/-0.5% of indicated load
Made in the USA
Power requirements 115/230V/50/60HZ/1 Ph.
Unit dimensions with mounting bracket: 12" W x 9.66" H x 5.25" D
Available as a retrofit package for field installation



All test information is clearly displayed on the indicators 5.3" wide 240 x 64 pixel backlit VGA liquid crystal display module with adjustable contrast settings.

For test documentation it will store up to 600 tests in memory, and transfer them directly into a word document or spreadsheet file with the optional USB cable or print them on an optional serial printer.

The indicator features smooth and uniform control of load pacing rates through its high-speed sampling rates and digital filtering. Accuracy exceeds ASTM C39 and E4 requirements and is achieved through a calibration program with 7 linearization points, and in general is better than +/-0.5% of indicated load from 1% to full machine capacity.

- TM-720 i720 Digital Indicator - Single Channel \$930.00

ADR Touch Digital Readout

ASTM C39, C78, C104, C109, C293; AASHTO T22, T97

- Touch screen user-friendly interface to reduce set-up and training time
Data storage for thousands of results
USB data transfer to PC and RS232C printer output
High accuracy and test repeatability
Select your language for screen prompts: English, Spanish, Portuguese or French



The ADR Touch Digital Readout easily executes procedures on its touch-button data entry keypad with results viewed on the large, backlit LCD display. Accurate load pacing is assured by means of the pace deviation bar graph incorporated into the display.

- 37-4856/09 ADR Touch Digital Readout \$965.00

Compressometers

Compressometers with Dial Gauge

ASTM C469

The Compressometer is used for evaluating deformation and strain characteristics of concrete cylinders while undergoing compression testing. Each compressometer includes two cast aluminum-alloy yokes, mounting and central points, and stainless steel control rods. The dial gauge has a range of 0.2" and minimum graduations of 0.0001".

- C1210 6" x 12" Dial Compressometer \$490.00
- C1220 4" x 8" Dial Compressometer \$599.00
- C1218 3" x 6" Dial Compressometer \$645.00
- C1222 2" x 4" Dial Compressometer \$680.00



Compressometers with Digital Gauge

ASTM C469

The Compressometer is used for evaluating deformation and strain characteristics of concrete cylinders while undergoing compression testing. Each compressometer includes two cast aluminum-alloy yokes, mounting and central points, and stainless steel control rods. The digital gauge has a range of 0.25" and minimum graduations of 0.0001".

- C1212 6" x 12" Digital Compressometer \$855.00
- C1220.1 4" x 8" Digital Compressometer \$985.00
- C1218.1 3" x 6" Digital Compressometer \$880.00



Compressometer-Extensometers with Dial Gauge

ASTM C469

The combined compressometer and extensometer for concrete cylinders is a convenient and unbounded device. The apparatus contains a third yoke located halfway between the two compressometer yokes and attached to the specimen at two diametrically opposite points. The middle yoke is hinged to permit rotation of the two segments of the yoke in the horizontal plane. One indicator gives deformation readings, while the other is furnished for the compressometer section. The unit measures changes in length and diameter. It comes with 2 dial gauges with a range of 0.2" and minimum graduations of 0.0001".

- C1215 6" x 12" Dial Compressometer \$900.00
- C1221 4" x 8" Dial Compressometer \$1,175.00
- C1219 3" x 6" Dial Compressometer \$1,170.00



Compressometer-Extensometers with Digital Gauge

ASTM C469

The combined compressometer and extensometer for concrete cylinders is a convenient and unbounded device. The apparatus contains a third yoke located halfway between the two compressometer yokes and attached to the specimen at two diametrically opposite points. The middle yoke is hinged to permit rotation of the two segments of the yoke in the horizontal plane. One indicator gives deformation readings, while the other is furnished for the compressometer section. The unit measures changes in length and diameter. It comes with 2 digital gauges with a range of 0.25" and minimum graduations of 0.0001".

- C1216 6" x 12" Digital Compressometer \$1,415.00
- C1221.1 4" x 8" Digital Compressometer \$1,795.00
- C1219.1 3" x 6" Digital Compressometer \$1,440.00



LSCT Compressometers

ASTM C469

The Compressometer comes with a 0.4" LSCT linear strain transducer and can be used with data acquisition systems through the use of the MiniLogger.

- H-2911L 6" x 12" LSCT Compressometer \$1,550.00
- H-2916L 4" x 8" LSCT Compressometer \$1,510.00
- H-2918L 3" x 6" LSCT Compressometer \$1,470.00



LSCT Compressometer-Extensometers

ASTM C469

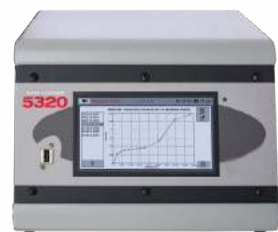
The Compressometer-Extensometer comes with 2 0.4" LSC linear strain transducers and measures changes in length and diameter. Can be used with data acquisition systems through the use of the MiniLogger.

- H-2912L 6" x 12" LSCT Compressometer-Extensometer \$2,010.00
- H-2917L 4" x 8" LSCT Compressometer-Extensometer \$2,040.00
- H-2919L 3" x 6" LSCT Compressometer-Extensometer \$2,220.00



4-Channel Analog Data Logger

ASTM C469



The 4-channel analog data logger provides advanced data acquisition and reporting functions effectively updating the equipment it is used with. The unit features four individual, 16-bit analog to digital converters with an instrumentation excitation supply of 10 VDC and provides data storage for 1000 readings per channel. It is ideal for use with pressure transducers, load cells, and strain transducers.

- HM-5320.3F 4-Channel Analog Data Logger \$2,030.00

SCC J-Ring Test Set

ASTM C1610 and C1610M

The J-Ring Test Set includes everything needed to determine the ability of SCC (Self Consolidated Concrete) mixtures to flow around rebar and other reinforcing structures in concrete forms. The test can be used in the lab for comparing the passing ability of different mixtures or in the field for quality control testing. The test is limited to concrete with a nominal maximum size of 1" aggregate. The set includes a heavy duty steel J-Ring, metal slump cone, straight edge, and large HDPE plastic base plate with centering rings.

- ACM-SCC-J J-Ring Test Set \$440.00
- ACM-J-Ring SCC J-Ring \$220.00
- HM-54 SCC Test Base \$168.50



V-Funnel

ASTM C1712

The V-Funnel is constructed of stainless steel and has a 10L capacity. Its upper edge is smooth and reinforced, while the outflow orifice is equipped with a seal valve.

- HM-230 V-Funnel \$699.95



Static Segregation Column

ASTM C1610

The column measures the coarse aggregate content in the top and bottom portions of a cylindrical specimen. Columns include: a stable base, three column sections and two sliding separator blades.

- HC-3666 Static Segregation Column \$730.00



Economy Static Segregation Test Set

ASTM C1610

The static segregation column mold is used to determine the potential static segregation of self-consolidating concrete. An easy to use clamping and collection system allows the segregation test to be conducted by a single operator.

- ACM-SCC-SS Static Segregation Test Set \$545.00



Penetration Apparatus

ASTM C1712

The penetration apparatus tests for static segregation resistance of normal-weight self consolidating concrete. The test does not measure static segregation resistance directly, but provides an assessment of whether static segregation is likely to occur.

- HM-236 Penetration Apparatus \$399.95

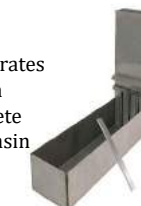


L-Box Flow Test

IL TP SCC-4

The L-Box Flow Test is used to determine flow rates and passibility of self-consolidating concrete in confined spaces. The test box features a concrete reservoir, slide gate, three obstacles and test basin and includes a metal strike off bar.

- HM-231A L-Box Flow Test \$650.00



Beam Molds

Steel Beam Mold 6" x 6" x 20"

ASTM C192, C293, C31, C403, C78; AASHTO T126, T177, T23, T97

The 6" x 6" x 20" mold is used in concrete flexural strength tests. The beam mold is made from high quality, heavy gauge 1/8" steel. Its lifting handles provide for safer transportation of concrete test specimens.

- ACM-4B Steel Beam Mold 6" x 6" x 20" \$78.00



Steel Beam Mold 4" x 4" x 14"

AASHTO T23, T97

- 4" x 4" x 14"
- Reusable
- Rugged
- Easy to maintain
- Manufactured from heavy gauge steel
- Unique design requires no tools
- Utilizes simple wing nuts for ease of stripping, cleaning and assembly



- 4BM14-STL Steel Beam Mold 4" x 4" \$70.00

Plastic Beam Molds

ASTM C31-98, C78-94, C192-98, C293-9

The 6" x 6" x 21" plastic beam mold utilizes simple thumb screws for ease of stripping, cleaning and assembling. The 4" x 4" x 15" one-piece beam mold is engineered with reinforcing ribs. Both reusable mold designs require no tools for specimen removal and weigh less than one quarter of the weight of a conventional mold.

- 6BM21 Plastic Beam Mold 6" \$89.95
- 6BM21-H Replacement Hardware for 6" \$14.50
- 4BM-PLASTIC Plastic Beam Mold 4" \$48.95



Heavy Duty Steel Beam Mold

ASTM C31, C78, C192, C293; AASHTO T23, T197

The heavyweight beam molds are machined .375" steel. The walls of the mold are hinged together and to the base with wing nuts to hold in place. The reusable mold is easy to assemble as well as strip and clean.

- H-3005 HD Beam Mold 6" x 6" x 21" \$164.00
- H-3010 HD Beam Mold 6" x 6" x 24" \$184.00
- H-3015 HD Beam Mold 6" x 6" x 30" \$196.00
- H-3020 HD Beam Mold 6" x 6" x 36" \$220.00



Beam Specimen Lifting Handle



The beam specimen lifting handle permits easy removal to and from curing tanks or curing rooms. The handle is made of stainless steel to prevent rust and minimize cleaning.

- 6BM-LH Beam Lifting Handle \$59.50

Portable Beam Tester



The portable beam tester transports and sets up easily for rapid field check of 6" x 6" beams. Upper bearing assemblies are provided for both center-point and third-point loading.

- HM-250 Portable Beam Tester \$2,495.00

Curing Cover



The curing cover is constructed of heavy-duty rip-stop nylon. It includes a removable pad that can be saturated with water for moisture retention during curing. Can be used with 20, 21, 22 and 24 inch molds.

- H-3021.24 Curing Cover \$52.50

Prices subject to change without notice. Please call to check current pricing.

**Beam Tester**

Self-contained, shock-proof portable concrete beam tester accurately and easily determines flexural strengths of 6" x 6" cross-section test beams. The hydraulically driven unit uses the center point loading method to eliminate lost data.

- H-3030A Beam Tester 16" Single-Point** \$2,500.00
- H-3032A Beam Tester 18" Single-Point** \$2,680.00
- H-3033A Beam Tester 18" Three-Point** \$2,960.00



**Beam Tester with Micro-Pump**

ASTM C293, ASTM C78, AASHTO T177

Self-contained, shock-proof portable concrete beam tester accurately and easily determines flexural strengths of 6" x 6" cross-section test beams. The micro-pump allows the user to put a continuous load pressure to the beam.

- H-3030CL Beam Tester MP 16" Single-Point** \$3,000.00
- H-3032CL Beam Tester MP 18" Single-Point** \$3,180.00
- H-3033CL Beam Tester MP 18" Three-Point** \$3,560.00



Lab Curing

**Moisture Room Control System**

ASTM C92, C511; AASHTO M201, T23

The wall mounted control panel automatically blends hot and cold water to the temperature desired for the curing environment (73.4±3°F, 23±1.7°C) while maintaining 100% humidity. The system is designed to not need foggers, misting devices, compressed air or HVAC units.



- ACM-MCP Moisture Room Control System** \$2,295.00

**Chart Recording Thermometer**

- Micro-controller design
- Large LED Display
- Front Panel Controls
- Single or continuous chart rotation
- 12V Operation for use in vehicles
- Fold-out Support Stand
- Remote Reading from up to 100 ft.
- Programmable Speed and Temperature Ranges
- 6" Chart



- CR87B Chart Recording Thermometer (Fahrenheit)** \$355.00

- CR87BC Chart Recording Thermometer (Celsius)** \$355.00

Part#	Description	Price
TP15	Temperature Probe 15 ft.	\$68.50
CABLE10T	Cable Extension 10 ft.	\$32.00
CRT	Power Adapter 12 VDC	\$25.00
CRPEN	Recording Pen - Black	\$10.95
CRPENR	Recording Pen - Red	\$10.95
CRPENB	Recording Pen - Blue	\$10.95

Chart Paper

Part#	Description	Price
CR87-9	7 Day, 50° - 120°F (60/pk)	\$25.00
CR87-21	31 Day, 50° - 120°F (60/pk)	\$25.00
CR87-18	7 Day, 10° - 50°C (60/pk)	\$25.00
CR87-24	31 Day, 10° - 50°C (60/pk)	\$25.00

**USB Datalogger**

- Connects directly to PC via USB
- LED Alarm Indication
- No cables, dongles or docks
- Software Included
- Range: 328° - 2372°F with appropriate probe attached
- Accuracy: ±2°F (±1°C)
- Resolution 1°F (0.5°C)



- TW-USB-TC-LCD USB Datalogger** \$99.95
- TW-USB-TC-LCD-1M USB Datalogger with 1M Waterproof Type K Probe** \$126.95
- TW-USB-TC-LCD-2M USB Datalogger with 2M Waterproof Type K Probe** \$131.95
- TW-USB-TC-LCD-3M USB Datalogger with 3M Waterproof Type K Probe** \$136.95

**Digital Psychrometer**

The digital psychrometer provides fast, accurate measurements for analysis of critical environmental conditions.

- Range/resolution: -4° to 122°F (-20° to 50°C)/0.1°
- Accuracy: ±1°F (±0.6°C)
- Dew point temp. range: -90° to 122°F (-68° to 50°C)
- Wet bulb temp. range: -7° to 122°F (-21° to 50°C)
- RH range/resolution: 0 to 100%/0.1%
- RH accuracy: ±3% Response time: 60 seconds
- Auto power off: After 5 minutes of inactivity
- Display size: 1.7 in. (43mm) diagonal
- Power source: Two "AAA" batteries (included)



- EP8706 Digital Psychrometer** \$79.95
- EP8706T Digital Psychrometer with Certification** \$144.95

**Spray Head**

- 1/4" Male NPT all brass design
- 1.5 GPH (gallons per hour)
- Atomizing spray pattern
- Does not require the use of compressed air
- Stainless steel nozzle
- Sold Individually



- ACM-SPRAY Spray Head** \$33.75

**4 Channel Datalogger & Bluetooth Datalogger**

The datalogger automatically records and stores up to 16,000 data points. The data is displayed from 4 thermocouple probes simultaneously. Data can be downloaded to a computer via RS232 port and cable. Comes with foam lined case, 2 beaded weire probes, and graphic software. NIST traceable certificate available upon request.

- Auto power off, min/max, hold and relative functions

- 800024 4 Channel Data Logger** \$285.00
- 800025 Bluetooth Data Logger** \$315.00

Part#	Description	Price
800003	AC Adaptor	\$17.00
800001	RS232 Cable	\$18.90
840094	USB Adapter Cable	\$18.90
840089	Rubber Holster	\$12.00
K20-5-P	Type K Wire per Foot	\$0.75
SMP-K-M	Type K Mini Connector	\$2.20



**Steel Curing Tank**



Steel curing tanks are useful for curing cylinders, beams, and material needing total immersion in the laboratory or field. Each tank is constructed from 20GA galvanized steel. The deeply corrugated side walls are made from one piece and have only one side seam. All joints are assembled with elastic packing and rivets. A steel pipe is rolled into the metal at the top of the tank forming a rigid top that will not break or lose shape. The larger tanks are supplied with a top angle brace.

- 217720199 Steel Curing Tank 2' x 2' x 4'** \$135.00
- 217722799 Steel Curing Tank 2' x 2' x 6'** \$225.00
- 217728599 Steel Curing Tank 3' x 2' x 8'** \$375.00

**Curing Tank Heater**

The curing tank heater is used to control water temperature in concrete curing tanks. The unit includes 2 thermostats; one adjustable between 35° and 95°F; the second maintains the element at a safe operating temperature.

- 110 VAC
- 1000 watts
- Adjustable thermostat
- Incolloy-shielded heating element
- Stainless steel construction
- Thermostatically controlled
- 3 pronged grounded plug



- TH-100 Curing Tank Heater** \$152.50

**Circulating Pump**

- Corrosion Resistant Nylon Body
- Motor: 1/160 HP oil filled
- Intermittent Liquid Temp Up to 120°F
- Discharge - 1/4" MNPT
- 30 Watts
- 4.6' Maximum Lift



- TP-Pump Circulating Pump** \$71.50

**Plastic Curing Rack**

- Made with special compounded plastic materials for high strength and resistance to humidity, wear and temperature variations
- Each rack holds 4, 4" x 8" concrete samples
- Weight of rack with 4 samples is 37lbs
- Maximum recommended storage height is 12 tiers high (58")
- Sold as a set of 6 or 12
- One base rack is required for each stack



- EP-CR06 Curing Rack - Holds 24, 4"x8" Molds** \$45.95

- EP-CR12 Curing Rack - Holds 48, 4"x8" Molds** \$89.95

**Aquafog® Turbo XE Fan**

The fogging fans humidify curing rooms up to 35ft long. Each unit features a self-flushing system that forces tap water through the fan blades, atomizing as the liquid exits. The small fan is well suited for areas between 400 and 700 ft², with a fog output of 5 GPH. The large fan is well suited for areas between 750 and 1,150 ft², with a fog output of 11 GPH.

- HM-631 Small Aqua Fog Turbo XE Fan** \$1,156.00
- HM-632 Large Aqua Fog Turbo XE Fan** \$1,167.00
- HM-633 Aqua Fog GT500 (Up to 680ft²)** \$997.50



**Poly Curing Tank**



The poly curing tanks have a durable, seamless design to resist breakage. Each tank is built with an extra heavy duty, molded rim and an extra deep sidewall rib for additional strength. The tanks are tested to -20°F, have molded in aluminum drain fittings, are corrosion free impact resistant, and recyclable. Premium UV protection assures long life and resistance to color fade in outdoor use.

- WGB1044903 Poly Curing Tank 2' x 2' x 4'** \$110.00
- WGB1044905 Poly Curing Tank 2' x 2' x 6'** \$171.00
- WGB1044906 Poly Curing Tank 3' x 2' x 8'** \$260.00

**Hydrofogger**



- Multi-Directional Fogging Head
- 17.25"H x 14"D
- Weight: 15.25 lbs
- Coverage: Up to 2000 ft²
- Output: ≈1.05 gallons/hour
- Standard Voltage: 115V/60Hz
- Includes internal float valve to maintain proper water level
- Reservoir Pan Capacity: 2.1 qts.

- 100HH Hydrofogger** \$449.00

**Minifogger**



- Multi-Directional Fogging Head
- 15.75"H x 11.75"D
- Weight: 12.75 lbs
- Coverage depends on humidification requirements and ceiling height
- Output: ≈0.4 gallons/hour
- Standard Voltage: 115V/60Hz
- Includes internal float valve to maintain proper water level
- Reservoir Pan Capacity: 1.8 qts.

- 200HH Minifogger** \$299.00

**Humidistat**

The optional analog humidistat controls the humidity level of the Hydrofogger or Minifogger. It incorporates a sensor that turns the unit off when it reaches the desired humidity level.

- Accuracy: ±15%
- Mounting Screws Included
- Easily Plugs into Hydrofogger/Minifogger

- 300HH Humidistat** \$89.00



**Water Installation Kit**

The water installation kit comes complete with everything needed to attach the Hydrofogger or Minifogger directly to water lines. The kit can be installed without shutting off the water supply.

- Kit Includes:
- Self-tapping saddle valve
  - Compression union and flare to compression adapter
  - 25 ft. of ¼" Polyethylene Tubing
  - Shut Off Valve



- 500HH Water Installation Kit** \$18.00

**Thermocure I - Field Curing Box Heats Only**

The field curing box is used to maintain temperature and humidity of concrete cylinder specimens. It is constructed of plastic with a 14 gage steel bottom rack, bottom drain valve, and lockable lid. The curing box features a digital thermometer, heat indicator lights, and temperature set buttons. It can hold up to 22 standard 6" x 12" concrete test cylinders.



**Thermol Field Curing Box (Heats Only) \$2,425.00**

**Perfa-Cure Field Curing Box - Heats Only**

ASTM C31; AASHTO T23

The Perfa-Cure field curing box is used to maintain temperature and humidity of concrete cylinder specimens. The heavy duty plastic case weighs under 40 pounds when empty and has side carrying handles. The box is thermostatically controlled so that it can be set at a specific temperature and humidity range and remain there without adjustments. The unit accommodates 12 standard 6" x 12" concrete test cylinders and comes complete with a min-max thermometer.



**ACM-CURE Perfa-Cure (Heats Only) \$816.00**

**Perfa-Cure-Mini Field Curing Box - Heats Only**

ASTM C31; AASHTO T23

The Perfa-Cure-Mini field curing box is used to maintain temperature and humidity of concrete cylinder specimens. The heavy duty plastic case weighs under 40 pounds when empty and has side carrying handles. The box is thermostatically controlled so that it can be set at a specific temperature and humidity range and remain there without adjustments. The unit accommodates 4 standard 6" x 12" and 12 standard 4" x 8" concrete test cylinders and comes complete with a min-max thermometer.



**ACM-CURE MINI Perfa-Cure-Mini (Heats Only) \$528.00**

**Cylinder Transport Racks**



- 4" x 8" transport rack holds 16 cylinders
- 6" x 12" transport rack holds 8 cylinders
- Light weight
- Durable, Waterproof (won't rust or rot)
- Anchor holes permit rack to be secured to truck bed
- Allows for placement of cushioning material (ie. used compression pads)
- Eliminates loose specimens in truck bed
- Fits inside the "Econ-O-Cure" curing bag
- Multiple units can fit in a truck bed

**TTrack4 Cylinder Transport Rack 4" x 8" (Holds 16 Molds) \$114.95**

**TTrack6 Cylinder Transport Rack 6" x 12" (Holds 8 Molds) \$149.95**

**Thermocure II - Field Curing Box Heats & Cools**



The Thermo II heats and cools. It is used to maintain temperature and humidity of concrete cylinder specimens. The box is constructed of plastic with a 14 gage steel bottom rack, bottom drain valve, and lockable lid. A preset temperature control is set at 73°F. The curing box features a digital thermometer, heat/cool indicator lights, and temperature set buttons. It can hold up to 22 standard 6" x 12" concrete test cylinders.

**Thermol II Field Curing Box (Heats & Cools) \$3,675.00**

**Perfa-Cure-Plus Field Curing Box - Heats & Cools**

ASTM C31; AASHTO T23



The Perfa-Cure-Plus field curing box is used to maintain temperature and humidity of concrete cylinder specimens. The heavy duty plastic case weighs under 40 pounds when empty and has side carrying handles. The box is thermostatically controlled so that it can be set at a specific temperature and humidity range and remain there without adjustments. The unit accommodates 12 standard 6" x 12" concrete test cylinders and comes complete with a min-max thermometer.

**ACM-CURE PLUS Perfa-Cure-Plus (Heats & Cools) \$1,152.00**

**Field Curing System No Heat**



The field curing box has a zipper sealed polymer and vinyl chest with 1/2" of insulating foam and a rigid floor plate. It is designed to hold 8, 6" x 12" concrete cylinder molds in an upright position.

**CURE Field Curing System (No Heater) \$234.00**

**Carrying Storage Unit**

ASTM C39

The carrying rack for 4" x 8" cylinders is made of durable, molded plastic and has molded handles for easy and safe transportation. The plastic carrier will not deteriorate or corrode in water and allows companion cylinders to be kept together in the same case for curing.



**EPS-4X8CARR Carrying Storage Unit \$20.50**

**Cylinder Carriers**

**H-2945 Cylinder Carrier 6" \$35.00**

**TC6LH Cylinder Lifting Handle 6" \$45.70**

**TC4LH Cylinder Lifting Handle 4" \$45.70**



**Digital Caliper 12" with 3.5" Jaw**



- LCD Digital Display in Metric and SAE
- Stainless Steel Frame
- Precision Ground Jaws
- Automatic Shut Off
- Accuracy: ±0.001"
- Resolution: 0.0005"
- Uses One 1.5V Button Battery
- Includes Storage Case and 2 Batteries

**54-100-312 Digital Caliper 12" \$164.00**

**54-100-312-T Digital Caliper 12" with NIST Traceable Cert \$229.00**

**Digital Caliper 6" with 1.5" Jaw**



- Accuracy: ±0.001"
- Resolution: 0.0005"
- Stainless Steel Frame
- Large Easy to Read Display
- Direct Inch/Metric Conversion
- Absolute/Incremental Measurement
- 4-Way Measuring
- Includes Plastic Case and 2 Batteries

**54-101-150-2 Digital Caliper 6" \$39.00**

**54-101-150-2T Digital Caliper 6" with NIST Traceable Cert \$104.00**

**Planeness Feeler Gauge Set**



The planeness gauge set is used to determine the planeness of platens and capping fixtures. The set consists of a 6" long precision ground parallel bar, feeler gauge set, 0.001" feeler gauge, 3/16" rod, and plastic carrying case.

**C-260 Planeness Feeler Gauge Set \$69.50**

**C-260T Planeness Feeler Gauge Set with NIST Cert \$147.50**

**Pi Tape**

ASTM D2166, D2850, D4767

Precision diameter tape provides a fast, reliable method for measuring the diameter of concrete, soil and asphalt cores and cylinders. One reading provides round and out-of-round diameters within an accuracy of 0.001" by means of special graduations and Vernier scale. The tape is made from a stainless alloy and is precision engraved to ensure accuracy. It has a diameter range of 2" to 12". A NIST Traceable certificate of calibration is included.



**H-2937 Pi Tape \$101.00**

**Digital Caliper 8" with 2" Jaw**



- Accuracy: ±0.001"
- Resolution: 0.0005"
- Stainless Steel Frame
- Large Easy to Read Display
- Direct Inch/Metric Conversion
- Absolute/Incremental Measurement
- 4-Way Measuring
- Includes Plastic Case and 2 Batteries

**54-101-200-1 Digital Caliper 8" \$64.00**

**54-101-200-1T Digital Caliper 8" with NIST Traceable Cert \$129.00**

**Caliper Point Attachment Kit**

The caliper point attachment kit extends the reach of the digital calipers and measures in places that are hard to reach otherwise. The caliper points fit most 4", 6", and 8" calipers and are all hardened and ground.

Kit Includes:

- 2 Universal Caliper Bodies
- 4 Pair of Accessory Points
- 2 Flat
- 2 Conical
- 2 Stem
- 2 Ball End
- Allen Wrench



**203359 Caliper Point Attachment Kit \$24.95**

**Core Length Measuring Device**

ASTM C174



The core length measuring device is used to determine concrete core lengths. It accommodates either 4" or 6" specimens up to 24" long. The device allows measurements to be taken at the center of the specimen's upper end, as well as eight equidistant points along the circumference. The included measuring rod has graduations 0.10" apart.

**H-2939 Core Length Measuring Device \$442.00**

**Micrometer**



The concrete micrometer has spindles of hardened steel and is designed to accurately measure diameters of concrete cylinders. Its thimble and sleeve sections are chrome finished and have black graduations and numbers. The micrometer has a range of 5.5" to 6.5". Readings can be made to hundredths or thousandths in decimals.

**H-2938 Micrometer \$460.00**

**ASTM Standard Unit Weight Bucket**

ASTM C29, C138, C192; AASHTO T19, T121, T158

The aluminum unit weight bucket is used to determine the unit weight of aggregates and fresh concrete. ASTM unit weight buckets are seamless on all sides.

Part#	Description	Price
HM-200	Unit Weight Bucket 1/4 Cu. Ft.	\$225.00
HM-202	Unit Weight Bucket 1/10 Cu. Ft.	\$110.00
HM-203	Unit Weight Bucket 1/3 Cu. Ft.	\$280.00
HM-204	Unit Weight Bucket 1/2 Cu. Ft.	\$310.00
HM-205	Unit Weight Bucket 1 Cu. Ft.	\$445.00



**Non-ASTM Unit Weight Bucket**

The unit weight bucket is used to determine the unit weight of aggregates and fresh concrete. Each bucket is made of heavy-gauge, seam-welded, water-tight steel and has an attached bail handle.

Part#	Description	Price
H-3660	Unit Weight Bucket 1/10 Cu. Ft.	\$63.00
H-3661	Unit Weight Bucket 1/2 Cu. Ft.	\$131.00
H-3662	Unit Weight Bucket 1 Cu. Ft.	\$167.00
H-3663	Unit Weight Bucket 1/3 Cu. Ft.	\$112.40
H-3664	Unit Weight Bucket 1/4 Cu. Ft.	\$98.20



**Plastic Strike Off Plate**

ASTM C138; AASHTO T121



The HPVC strike off plates are durable, economical and light weight. Select a plate that is 2" larger than the diameter of the unit weight measure. The most popular strike off plate is the ACM-SP14X14 because it works on up to 1/2" ft<sup>3</sup> unit weight buckets. The ACM-SP12X12 works on up to 1/4 ft<sup>3</sup>.

- ACM-SP14X14 Strike Off Plate 14" x 14" x 1/2" \$19.95
- ACM-SP12X12 Strike Off Plate 12" x 12" x 1/2" \$17.75

**Digital Weighing Scale 165lb x 0.05lb**

- Simple 4 button operation
- Hold function
- Full range tare
- Zero tracking
- Large backlit LCD display
- Wall mount bracket
- Large stainless steel pan
- Modern low profile design
- Splashproof to protect from accidental spills
- Precision load cell technology
- Color coded, sealed keyboard
- RS-232 bi-directional interface
- Low battery indication
- Auto sleep/power down function
- Battery power (6 AA Batteries)
- AC Adapter
- 11.8" x 11.8" Platform



- CPWplus 75 Digital Scale 165lb x 0.05lb \$150.00
- CPWplus 75C Digital Scale 165lb x 0.05lb with Carrying Case \$235.00

**Digital Scale 110lb x 0.005lb**

- Display Modes: lbs/oz, decimal lbs, kg
- Resolution: 0.005lb
- Accuracy: ±5%
- Keypad Controls
- 30 Hour Battery Life (9V)
- Carrying Case Included
- Removable Control Box with Prop Stand/Hanging Hook



- TIF9010A Digital Scale 110lb x 0.005lb with Case \$175.00
- TIF9010AT Digital Scale 110lb x 0.005lb with Case, NIST Traceable \$240.00

**Clear Acrylic Strike Off Plate**

ASTM C138; AASHTO T121

The clear acrylic strike off plates are durable, economical and light weight. Select a plate that is 2" larger than the diameter of the unit weight measure.

- HM-235.1 Strike Off Plate 8" x 8" x 5/8" \$24.25
- HM-235.2 Strike Off Plate 10" x 10" x 5/8" \$33.50
- HM-235.3 Strike Off Plate 12" x 12" x 5/8" \$36.50
- HM-235.4 Strike Off Plate 16" x 16" x 5/8" \$57.95



**Aluminum Strike Off Plate**

ASTM C138; AASHTO T121

The strike off plate is made of durable 1/4" thick corrosion-proof aluminum and can be used for multiple volume and mass determinations in concrete and aggregate testing. The 12" x 12" plate is used with the 10" diameter unit weight measures.

- HMA-490 Strike Off Plate 8" x 8" x 1/4" \$38.50
- HMA-491 Strike Off Plate 10" x 10" x 1/4" \$45.00
- HMA-492 Strike Off Plate 12" x 12" x 1/4" \$59.50
- HMA-493 Strike Off Plate 16" x 16" x 1/4" \$89.50



**Digital Field Scale 220lb x 0.01lb**

- Built-in memory
- Large backlit LCD display
- Auto power off (15 min)
- Critical charging of small systems
- Measures weight in lbs, oz, and kgs
- Hard carrying case included
- Accuracy: 0.5%
- Resolution: 0.01 lbs / 0.25 oz / 5 g
- Operating Temp: 32°F - 113°F (0°C - 45°C)
- Power Source: 9V Battery
- Battery Life: 30 hrs



- RCS220 Digital Field Scale 220lb x 0.01lb with Case \$175.00
- RCS220T Digital Field Scale 220lb x 0.01lb with Case, NIST Traceable \$240.00

**Digital Scale 300lb x 0.02lb**

- Weighing Modes: lbs, kg
- Platform Size: 11.8" x 15"
- Power Supply: AC Adapter or 4 C Batteries
- RS-232 Interface Optional
- Optional Carrying Case Available



- FG-150KBM Digital Scale 300lb x 0.02lb \$490.00
- FG-150KBMC Digital Scale with Carrying Case \$585.00

Windsor Systems

**Windsor Probe System**

ASTM C803



The Windsor Probe System is used for in-place strength testing of normal and high-performance concrete. The system rapidly and accurately determines the concrete compressive strength of a structure by driving a probe into the concrete with a known amount of force. It is capable of measuring concrete with a maximum compressive strength of 17,000psi. The system comes equipped with an electronic measuring unit to help ensure proper test results that can be uploaded to a computer.

- WP-1000 Windsor Probe System-Digital Readout \$4,715.00
- WP-534 Windsor Probe System-Manual Readout \$4,225.00

For replacement parts please inquire 888.293.2121

**Mohs Scale of Hardness**



The set includes 9 specimens from talc to carborundum. They are used to determine mineral hardness by a scratch test. The number specimens are keyed to include descriptions inside the box.

- H-3422 Mohs Scale of Hardness Minerals \$28.60

**Windsor Probes**

ASTM C803

The silver probes can be used for high performance concrete with strength up to 17000 psi (110 MPa) and concrete having a density greater than 125 lbs/cu. ft. The probes are made of a high strength alloy, specially heat treated and annealed to achieve a hardness of Rockwell C 48. The gold probe has a 56% greater cross-sectional area than the silver; it is recommended for light weight concrete - less than 125 lbs/cu. ft. (2003 Kg/M3) in density.



- PRS-01 Silver Probes, 75 shots & probes/cs (Normal Weight) \$745.00
- PRS-01-01 Silver Probes, Single Packs (3 Shots/Probes) \$47.50
- PRS-03 Gold Probes, 75 shots & probes/cs (Lightweight) \$820.00
- PRS-03-03 Gold Probes, Single Packs (3 Shots/Probes) \$58.00

**Windsor Pin System**

ASTM C803



The Windsor Pin System measures the compressive strength of concrete, mortar and brick in-situ quickly and accurately. It uses a spring loaded device to drive a steel pin into the test sample. The depth of penetration of the needle correlates to the compressive strength of the material under test.

- WP-2000 Windsor Pin System \$4,265.00
- W-P-1040 Case of 40 Hardened Steel Pins \$478.00

For replacement parts please inquire 888.293.2121

Rebound Hammers

**Manual Rebound Hammer (Swiss Hammer)**

ASTM C805



The manual rebound hammer is ideal for fast, inexpensive, nondestructive estimations of in-place concrete strength. Hammer tests can help determine where test cores should be taken and locate damage from freezing or fire. It can determine strengths between approximately 1,400 - 8,000 psi. The plastic case and rubbing stone are included.

- C380-01 Manual Rebound Hammer \$475.00

Rebar Locators

Profoscope Rebar Locator

The Profoscope is a versatile, fully-integrated rebar detector and cover meter with unique real-time rebar visualization allowing the user to actually see the location of the rebar beneath the concrete surface to a maximum depth of 180mm. This is coupled with rebar proximity indicators and optical and acoustical locating aids. Rebar diameter can also be estimated within the specified testing range.

39110000 Profoscope Digital Rebar Locator \$2,325.00

39120000 Profoscope+ (Additional Memory Function) \$2,475.00



Profometer Advanced Rebar Locator with Software

Profometer PM-600 is an advanced cover meter for the precise and non destructive measurement of concrete cover and rebar diameters and the detection of rebar locations using the eddy current principle with pulse induction as the measuring method.

The Profometer offers real time control over the measurement procedure directly on site. The high resolution color display allows best possible measuring and analysis of the statistical data for an entire working day. The instrument comes along with a universal probe including a spot probe especially suited for areas with congested rebar arrangement such as columns, girders and slabs over columns.

The Profometer Kit includes the touchscreen, universal probe with probe chart, 5' probe cable, power supply, USB cable, chalk, DVD with software, documentation, carrying strap and carrying case.

39210001 Profometer PM-600 \$4,795.00



Profometer PM-630 Advanced Concrete Scan Cover Meter



The Profometer PM-630 advanced cover touchscreen meter is a sophisticated instrument extending the application range of the Profometer PM-600 with the line and area scan modes and an extensive choice of statistical views. It is specifically designed for inspecting tunnels, retaining walls, concrete slab soffits, bridge slabs or dams.

39220001 Profometer PM-630 \$6,295.00

Profometer PM-650 Advanced Concrete Scan Cover Meter

The Profometer PM-650 extends the measuring modes of the Profometer PM-630 with the unique cross-line mode and further analysis functions. The cross-line mode allows users to measure the rebars of the first and second layer typically arranged in a rectangular mesh.

39230001 Profometer PM-650 \$7,750.00



Permeability Testing

Perma2™ Permeability Tester

ASTM C1202-12, C1760-12; AASHTO T277-07

The Perma2™ is a completely re-engineered lab test device for the measurement of the electrical resistance of concrete against the penetration of chloride (RCPT). The data can be used to estimate the chloride diffusion coefficient of concrete for the service life prediction and design of concrete structures as well as the durability based quality control of concrete. The Perma2™ Full Package includes the Perma2™ unit, complete set of test cells, temperature sensors, test cables, power cord, USB cable, user manual, communication software, gauged vacuum pump assembly, desiccator assembly and traceable certificate of calibration. The Perma2™ Testing Kit includes everything the Full Package does except the gauged vacuum pump assembly and the desiccator assembly.



900070 Perma2™ Full Package \$10,895.00

900071 Perma2™ Testing Kit \$9,570.00

900072 Perma2™ Device Only \$6,400.00

900021 Perma2™ Test Cell Only \$740.00

PROOVEit Rapid Chloride Permeability Tester

ASTM C1202, C1760; AASHTO T277



The PROOVEit Rapid Chloride Permeability Test is performed on concrete specimens taken from cores or test cylinders. Its microprocessor power supply module distributes precisely controlled voltage to as many as eight RCPT specimens simultaneously. Electrical current readings are updated every 5 seconds, and a predicted 6-hour coulomb value is generated every 5 minutes. Test results can be exported to Excel for comprehensive statistical analyses of the results. Software, power cord, serial cable, and manual are included.

PR-1050 PROOVEit Rapid Chloride Permeability Test \$8,690.00

Torrent Permeability Tester



The Torrent permeability tester permits a rapid and non destructive measurement of the quality of the cover concrete with respect to its durability. A measurement with the Torrent takes 2-12 minutes. The permeability data can be analyzed easily afterwards from the instrument's display.

38002200 Torrent Permeability Test Kit \$12,750.00

Rapid Chloride Permeability Measuring Cell

ASTM C1202, C1760; AASHTO T277



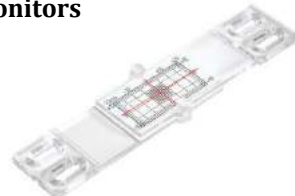
The 4" Measuring Cells are used with the PROOVEit Permeability Tester and are sealed by tightening the four corner bolts, which squeeze the gaskets against the specimen. The PR-1100 comes with cooling ribs which are needed if the temperature is required to be kept constant. Each measuring cell includes 100mm core gaskets. Other size gaskets are available and must be specified when purchasing.

PR-1000 PROOVEit Standard Measuring Cell \$870.00

PR-1100 PROOVEit Measuring Cell with Cooling Ribs \$1,100.00

Crack Monitors

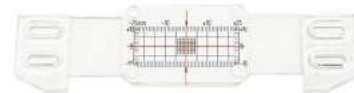
Crack Monitors



The crack monitor detects and records the movement of cracks in concrete, brick and masonry structures. Each monitor consists of two overlapping rigid PVC plates. One plate is marked with a millimeter grid and the other is marked with cross hairs centered over the grid. Once installed, any movement can be easily seen and recorded on a crack progress chart included with each monitor.

HM-637 Standard Crack Monitor \$14.50

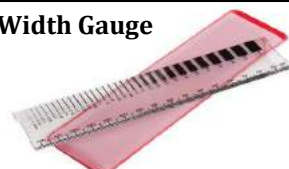
Crack Monitor Plus



The crack monitor is vandal-resistant clear polycarbonate with adjustment slots for screws to ensure secure placement. After affixing, temporary pegs are removed so plates move independently. Spigots on both plates enable exact measurement to 0.1mm with calipers.

HM-634 Crack Monitor Plus \$22.00

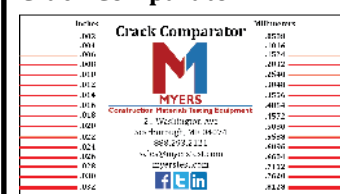
Crack Width Gauge



The crack width gauge is used to measure crack widths up to 7mm wide on one scale and up to 160mm on the other scale. It is used for surveying buildings and pavements.

HM-636 Crack Width Gauge \$21.00

Crack Comparator



Free! Inquire with any purchase.

The displacement crack monitor measures out-of-place movement across a crack, such as settling of a floor slab. It also measures opening and closing of the crack itself. Displacement range is 110mm. Horizontal range is -10mm to 50mm.

HM-638 Displacement Crack Monitor \$48.00

Corner Adapter



The corner adapter enables crack monitors to be used in corners with greater or less than 90° angles.

HM-635 Corner Adapter \$13.50

Crack Monitor Discs



The crack monitor discs are easily attached with adhesive to any flat surface on either side of a crack. Small cavities in the center of each disc are used to precisely locate jaws of digital calipers for accurate and reliable monitoring measurements.

HM-640 Crack Monitor Discs 100/pk \$67.50

2 Part Epoxy



Extremely strong, medium cure, water resistant, non-shrink epoxy adhesive and surface filler.

20845 2 Part Epoxy \$8.75

Surface Resistivity

Resipod Resistivity Meter



The Resipod is a fully integrated 4-point Wenner probe designed to measure the electrical resistivity of concrete in a completely non-destructive testing. It is packaged in a robust waterproof housing designed to operate in a demanding site environment. The Resipod is a successor of the classic CNS Farnell Resistivity Meter.

- Available with AASHTO compliant 38mm probe spacing or 50 mm probe spacing
- Current flow indication and poor contact indication
- USB connection and dedicated PC software
- Waterproof
- Allows replacement or standard tips with accessories

38120000 Resipod Resistivity Meter, 38mm \$3,250.00

38110000 Resipod Resistivity Meter, 50mm \$3,250.00

Surf™ Resistivity Meter

AASHTO TP95-11



The Surf™ is a laboratory device for rapid, easy and accurate measurement of the surface electrical resistivity of concrete based on the four probe technique. Its patented technology automatically measures resistivity around the concrete specimen, while the PC software generates the required reports. The Surf™ D100 Full Package includes the Surf™ Device, sample holder, power adaptor, USB cable, PC communication software, user manual, conductive gel, verification kit, additional set of conductive pads.

900037 Surf™ D100 Full Package \$4,725.00

900030 Surf™ Device Only \$2,995.00

Surface Resistivity

RCON2™ Resistivity Meter



The Giatec RCON2™ measures the electrical resistivity of concrete specimens in the laboratory without any additional sample preparation requirements. It measures in less than 5 seconds and allows for continuous measurement of electrical resistivity over time, which can be used to monitor several other parameters such as cracking, moisture transfer and time of setting in concrete specimens.

900083 RCON2™ Full Package \$5,800.00

900082 RCON2™ Device Only \$4,925.00

SmartBox™ Resistivity Meter



The SmartBox™ is a compact wireless device used for the measurement and monitoring of electrical resistance and temperature in fresh concrete. The continuous measurements can be downloaded using the mobile application on any Android smartphone or tablet. The SmartBox™ Essential Package includes the SmartBox™ unit, fresh concrete probe, one pair of customized rods, temperature sensor, USB charger and cable, Android application for phone, user manual. The SmartBox™ Full Package comes with 9 extra temperature sensors and pairs of customized rods.

900089 SmartBox Essential Package \$1,425.00

900088 SmartBox Full Package \$2,325.00

Pull Off Testing

The DY-2 Family - Pull Off Tester

ASTM C1583, D4541, D7234-05, D7522

The DY-2 Family of automated pull off testers covers the complete range of pull off applications with unmatched ease of operation and a unique capability to store a complete record of the test. Each pull off tester comes complete with a battery pack, battery charger, USB cable, test disc aluminum Ø 50mm/M10, draw bolt M10, torx screwdriver, software, operating instructions, calibration certificate and carrying case.

Features:

- Time and date of test
- Test disc size
- Maximum load applied
- Automatic calculation of bond strength
- Applied load rate with graphical record
- Complete time of test
- Failure mode



34610000 DY-206 Pull Off Tester 0.6 - 6kN \$5,365.00

34620000 DY-216 Pull Off Tester 1.6 - 16kN \$5,825.00

34630000 DY-225 Pull Off Tester 2.5 - 25kN \$6,995.00

James Bond Tester™ MK III

ASTM C1583, D4541; ACI 503-30



The James Bond Tester™ MK III is a pull off adhesion test that measures the bond/tensile strength of concrete, asphalt, tile, concrete repair, or other overlay material by the direct tension or pull off method. The unit has been successfully used to verify the quality of existing materials, determine the adhesion strength of shotcrete, tile, epoxies, paint and other repair materials or coatings.

- Calibrated gauge with maximum load indicator and mechanical damping
- Ball joint design for rapid testing as well as assuring direct tensile loading
- Adjustable alignment plate with built in leveling facility for both vertical and horizontal pulls

P-C-7300 James Bond Tester™ MK III \$3,695.00

P-081-10700-002 2" Steel Discs \$75.00

Corrosion Analysis

Cormap® Corrosion Mapping System

ASTM C876

The Cormap is a simple method for identifying areas of probable rebar corrosion. The detachable electrode extension pieces facilitate measurements in hard to reach locations. A high impedance digital meter is connected between the reinforcing steel and Cu-CuSO4 reference electrode on the concrete surface where a measurement can be made for the half-cell potential.



C-CM-4000 Cormap® System \$1,425.00

Cormap® II Corrosion Mapping System

ASTM C876

The CorMap II is an advanced system for corrosion potential data acquisition and analysis, allowing the user to quickly identify areas of probable corrosion in the field. Its ruggedized electronics allow rapid analysis of data in the field or lab. A specifically designed electrode measures on horizontal, vertical and inverted positions, while temperature humidity sensors facilitate inclusion of environmental conditions.



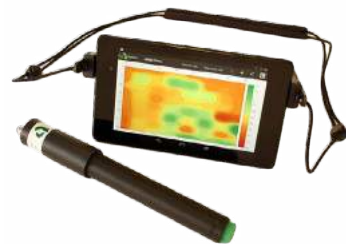
C-CM-5000-CU Cormap II Corrosion Mapping System \$4,990.00

XCell™ Corrosion Mapping System

ASTM C876

The XCell™ efficiently and accurately maps corrosion of rebar in concrete. The results are analyzed using an Android based application on site for the identification of locations with high probability corrosion.

- Single person operation
- Maintenance free electrode
- Table/Smart phone operation
- Upside down operation capability
- Easy grid generation
- Fast data assignment to grid points
- Real-time contour plotting
- Automated temperature correction
- Easy data sharing
- Bluetooth V4.0 LE technology



900078 XCell™ Essential Package (Smartphone Operation) \$2,490.00

900079 XCell™ Enhanced Package (Tablet Operation) \$4,950.00

900080 XCell™ Comprehensive Package (Tablet Operation) \$6,950.00

Profometer Corrosion

ASTM C876

The Profometer uses the half-cell method and unique wheel electrodes to provide the fastest and most efficient on-site corrosion testing available. Its high-resolution touchscreen enables high productivity with 2D grid views, an assisted workflow and on-site post-processing of the measured data. The included PC software allows the best possible analysis of data and custom reporting.



33001004 Profometer with 4 Wheel Electrode \$10,180.00

39250001 Profometer Corrosion \$4,090.00

iCOR™ Corrosion Evaluation

The iCOR™ is a hand held device that measures several parameters from the surface of concrete and analyzes them using advance algorithms embedded in the device. Its quick calculations accurately determine the rate of corrosion in the reinforcement which is the most important parameter in evaluating the service life of a concrete structure.



9000101 iCOR™ Full Package \$17,995.00

ASR Detect Kit

The ASR Detect Kit is a field test that identifies Alkali Silica Reaction in hardened concrete using two reagents.

- Tests can be carried out on site
- Minimal operator training
- No special equipment required
- Utilizes only two environmentally safe dyes
- Results obtained in less than 5 minutes
- Economic, fast and easy to use



AS-3000 ASR Detect Kit \$595.00

Ultrasonic Testing

Pundit PL-200 Ultrasonic Pulse Velocity Tester

ASTM C597-02



The Pundit PL-200 examines the quality of concrete and other materials such as rock, wood and ceramics. It comes equipped with an extended range of measurement modes and superior features for on-site testing. The software supports directly accessible settings in real time from the measuring screen. The highest resolution and sharpest image available in the market allows best possible analysis of the measured waveforms.

32710001 Pundit PL-200 Touchscreen Ultrasonic Kit \$7,175.00

Pundit Lab+ Ultrasonic Pulse Velocity Tester

ASTM C597-02



The Pundit Lab+ comes with an extended feature set, making it particularly suitable for on-site measurements. In addition to having all the features of the Pundit Lab, the Plus includes an integrated gain stage making an external amplifier unnecessary when using long cables or exponential transducers, a real time stamp for recording the time of measurement, a data review list that allows previous measurements to be viewed on site, and a correlation to compressive strength either directly from pulse velocity or in combination with a rebound value (SONREB method).

32620001 Pundit Lab+ Testing Kit \$4,650.00

32620002 Pundit Lab+ Testing Kit without Transducers \$3,710.00

Pundit PL-200PE Ultrasonic Pulse Echo Tester

ASTM C597-02



The Pundit PL-200PE employs state of the art pulse echo technology to extend the ultrasonic application to objects where access is restricted to a single side. The pulse echo allows the user to determine the slab thickness and to localize subsurface deformities such as voids, pipes, delaminations and honeycombing.

32720001 Pundit PL-200PE Ultrasonic Kit \$10,850.00

Pundit Lab Ultrasonic Pulse Velocity Tester

ASTM C597-02



The Pundit Lab features online data acquisition, waveform analysis and full remote control of all transmission parameters. Along with the traditional transit time and pulse velocity measurement, the Pundit Lab offers path length measurement, perpendicular crack depth measurement and surface velocity measurement. Optimized pulse shaping gives greater transmission range at lower voltage levels. This, coupled with automated combination of the transmitter voltage and the receiver gain, ensures an optimum received signal level which guarantees accurate and stable measurements. An integrated waveform display allows manual triggering of the received waveform.

32610001 Pundit Lab Testing Kit \$4,100.00

32610002 Pundit Lab Testing Kit without Transducers \$3,140.00

Chlorimeter™ Chloride Field Test System



The Chlorimeter measures the electrochemical reaction of a weighted sample placed in an extraction liquid. It automatically shows a temperature compensated reading of percent of chlorides on its digital display. A wide range of 0.002% to 2% chloride by weight is covered.

CL-3000 Chlorimeter™ Test System \$3,095.00



Freeze Thaw

Relative Humidity

**Freeze-Thaw Cabinet**  
ASTM C666; AASHTO T161



The Rapid Freeze-Thaw Cabinet is used to measure the resistance of concrete to deterioration caused by repeated cycles of freezing and thawing water. The system is designed to test up to eighteen 3" x 4" x 16" concrete specimens simultaneously with one being a control. The cabinet includes 17 standard sample trays and 1 standard sample tray that has a built-in spout on each end.

The 7" color touchscreen controller provides full graphical monitoring of all testing functions in a stand-alone application. The screen also displays tabulation, basic x-y graphs and temperature readings. The test data is stored in the device and can be downloaded to a USB drive.

- Fully automatic operation
- Allows users to establish field control using correlations between concrete strength and durability
- Permits the evaluation of variables in concrete properties conditioning
- Useful in the evaluation of the durability of aggregates as well as the properties of ad mixtures

**HC-3186S.4F Freeze-Thaw Cabinet \$23,600.00**

**Replacement Parts for Older Model Freeze Thaw Cabinets (H-3185B, H-3185B.4F, H-3185SSD)**

Part#	Description	Price
TP15	Temperature Probe 15 ft	\$68.50
CRPEN	Black Recording Pen	\$10.95
CR87-9	7 Day Chart Paper, 50°F - 120°F	\$25.00
CR87-21	31 Day Chart Paper, 50°F - 120°	\$25.00
CR87-18	7 Day Chart Paper, 10°C - 50°C	\$25.00
CR87-24	31 Day Chart Paper, 10°C - 50°C	\$25.00

**Freeze-Thaw Specimen Mold**  
ASTM C233, C666; AASHTO T157, T161



For 3" x 4" x 16" specimens exposed to rapidly repeated freeze-thaw cycles in water or air. Mold is cold-rolled steel with detachable base plate.

**H-3195 Freeze-Thaw Specimen Mold \$298.00**

**Stainless Steel Sample Trays**

Part#	Description	Price
H-3185TA	SS Sample Tray	\$82.00
H-3185TSA	SS Sample Tray with Spout	\$174.00



**E-Meter**  
ASTM C215, C666



The E-Meter determines the flexural resonance of concrete under accelerated freezing and thawing cycles and aggressive environments. It finds the resonant frequencies of the three modes of vibration and is the only method of calculating the following material parameters non-destructively: Youngs modulus of elasticity, modulus of rigidity and Poissons ratio damping constant. The frequencies are automatically scanned in one of four ranges. It can handle specimen sizes up to 6 inches in cross section and 1.75" - 28" in length. A semi-automatic feature facilitates the fast identification of resonance.

- Oscillator Frequency Range: 10 Hz - 100 kHz in 4 switched range
- Frequency Indicator Display: 6 Digit LED
- Gate Times: 1 second or 10 second switch selected, LED indicated
- Accuracy: 20 ppm + 1 count over full operating temperature range

**V-E-400 E-Meter for Flexural Resonance of Concrete \$9,120.00**

**Rapid RH® Sensor Packs**

Replacement sensors for Rapid RH® Testing.

- Each pack includes:
- Extensions
  - Orange Protective Caps (OPC)
  - Stainless Steel Caps (SSC)
  - Certificate of Calibration
  - Floor Map



Part#	Description	Extensions	OPC	SSC	Price
880-R0000-008	Sensors 5/pk	10	5	5	\$192.50
880-R0040-008	Sensors 25/pk	50	25	25	\$885.00
880-R0050-008	Sensors 50/pk	100	50	50	\$1,615.00
880-R00100-008	Sensors 100/pk	200	100	100	\$2,695.00

**Rapid RH® Complete Starter Kit 4.0 EX**

- The kit includes:
- 5 "Smart Sensors"
  - 1 Easy Reader with Touch-n-Sense technology
  - 2 Smart Logger ambient temperature and humidity recorders
  - 1 Insertion Tool
  - 10 Extensions
  - 5 Orange Protective Caps
  - 5 Stainless Steel Covers
  - 1 3/4" SDS Masonry Drill Bit
  - 1 Wire Cleaning Brush
  - 1 Vacuum Attachment
  - Certificate of Calibration
  - Floor Map
  - Instruction Manual
  - Carrying Case
  - Meets ASTM F2170



**880-R0002-008 Rapid RH® Complete Starter Kit \$595.00**

**Professional Flooring Installer Package**

The professional flooring installer package is a complete kit for flooring installers and building inspectors who require accurate moisture measurement tools for wood, as well as accurate testing capabilities for concrete slabs.

- Includes:
- 1 ea. (Clip On) Nylon Ballistic Case
  - 5 ea. Smart Sensors
  - 1 ea. Easy Reader with Touch-n-Sense™ Technology
  - 2 Smart Logger Ambient Temperature and Humidity Recorders
  - 1 ea. Insertion Tool
  - 10 ea. Extensions
  - 5 ea. Orange Protective Caps
  - 5 ea. Stainless Steel Covers
  - 1 ea. 3/4" SDS Masonry Drill Bit
  - 1 ea. Wire Cleaning Brush
  - 1 ea. Vacuum Attachment
  - Certificate of Calibration
  - Floor Map
  - Instruction Manual
  - Rapid RH® Bluetooth® Smart Reader
  - Infrared (IR) Thermometer
  - TH-200 Thermo-Hygrometer
  - A Convenient Foam-Lined Carry Case



**880-R0WFP-400 Pro Flooring Installer Package \$1,350.00**

**Rapid RH® Easy Reader**



The Easy Reader's Touch-n-Sense™ technology allows readings to be taken as soon as the Easy Reader contacts the Smart Sensor. The LCD display on the Rapid RH® Easy Reader toggles between RH (%) and Temperature (F). Its automatic "hold" feature continues to display the reading for a period of five minutes after removal from the test hole before turning itself off or until inserted in a new Smart Sensor.

**860-R0040-002 Rapid RH® Easy Reader \$114.00**

**Rapid RH® Concrete Flooring Package Plus**

The Concrete Flooring Package combines the accurate moisture testing of the Rapid RH® 4.0 EX test method with the wireless data transfer capabilities of the Bluetooth® Smart Reader.

- Includes:
- 5 ea. Smart Sensors
  - 2 Smart Loggers Ambient Temperature and Humidity Recorders
  - 1 ea. Easy Reader with Touch-n-Sense™ Technology
  - 1 ea. Insertion Tool
  - 10 ea. Extensions
  - 5 ea. Orange Protective Caps
  - 5 ea. Stainless Steel Covers
  - 1 ea. 3/4" SDS Masonry Drill Bit
  - 1 ea. Wire Cleaning Brush
  - 1 ea. Vacuum Attachment
  - Certificate of Calibration
  - Floor Map
  - Instruction Manual
  - Rapid RH® Bluetooth® Smart Reader
  - A Convenient Foam-Lined Carry Case



**880-R0WFP-200 Concrete Flooring Package \$750.00**

**Rapid RH® Bluetooth Smart Reader**



The versatile wireless Smart Reader provides quick and accurate readings of relative humidity and temperature. An easy tap of the smart reader (size of a USB flash drive) to a smart sensor records data that is sent wirelessly to the CalMaster app on a smartphone or tablet and can be emailed as a PDF report.

- CalMaster Displays:
- Serial Number
  - Name/Location
  - Date of most recent calibration block
  - Date for the most recent calibration check, including ambient RH% and temperature
  - The date each sensor is due for the next manufacturer calibration per ASTM F2170

**860-R0030-001 Rapid RH® Bluetooth® Smart Reader \$192.00**

Masonry Strain

**Strain Gauge Set for Masonry**  
ASTM C426

The Strain Gauge Set mechanically measures strain in masonry-type materials or in structural components under load, relative displacements in structures, opening or closing of cracks, shrinkage of concrete block during drying, and similar applications. The anodized aluminum alloy instrument frame adjusts for measuring at 2, 4, 6, 8, or 10" spacing of the punch bar and invar master bar used. Brass inserts are mounted in the test specimen at selected spacing to hold stainless steel contact seats, threaded in place in the inserts. Hardened steel contact points mount in strain gauge frame for positioning in contact seats for measuring strain on dial indicator. The set includes the strain gauge indicator, eight brass inserts, two contact seats, two mounted contact points and a wooden storage case.

**HM-240 Strain Gauge Set - Dial Indicator \$1,036.00**

**HM-240D Strain Gauge Set - Digital Indicator \$1,820.00**

**HM-241 Invar Master Bar \$318.00**

**HM-242 Punch Bar \$119.00**



**One-Step Vacuum and Drill Bit**



Use the TE-CD Hammer Drill Bit to get a 100% clean concrete hole prior to placing the Rapid RH® Smart Sensors at the correct depth for moisture testing. One-step drilling and cleaning eliminates using a cleaning brush, and makes it fast and easy to use.

**713-R0000-002 One-Step Vacuum and Drill Bit \$144.00**

**Vacuum Attachment**



Made of a rugged, pliable-polycarbonate plastic, the Rapid RH® 4.0 Vacuum Attachment helps to clean debris from the deepest part of the hole, ensuring the most accurate and rapid readings. The vacuum attachment fits onto a standard 1-1/4" ShopVac®.

**712-RRP01-001 Vacuum Attachment \$23.00**

**Masonry Drill Bit**

The 3/4" Relton Pyramid Point Masonry Drill Bit features:

- Four premium-grade carbide inserts
- Newly-patented technology tip for expedient, durable, smooth drilling
- Easy-start center point
- Ultra-efficient dust removal flute design



**713-R0000-001 Masonry Drill Bit \$43.00**

**Insertion Tool**

The smart sensor insertion tool allows installers to know when they have a correctly sized, straight and uniformly rounded test holes. Multi-stepped and multipurpose, the insertion tool completely syncs with the Easy Reader for complete compatibility with the Rapid RH® system. The 6-3/4" unit is made of black Delrin material perfectly suited for concrete slabs in formation.



**712-R0025-001 Smart Sensor Insertion Tool \$21.00**

**Wire Cleaning Brush**



The Cleaning Brush was designed specifically for removing concrete debris before installing the Rapid RH® 4.0 Smart Sensors.

**714-R0005-001 Wire Cleaning Brush \$16.00**

**Round Mouth Scoops**

- The 38oz. scoop is the ideal size for slump testing
- The 24oz. scoop is ideal for 4" x 8" cylinder testing

**ACM-34M Round Mouth Scoop 38oz. \$9.00**

**ACM-34M-HD Heavy Duty Scoop 38oz. \$16.25**

**ACM-34S Round Mouth Scoop 24oz. \$7.50**

**ACM-34L Round Mouth Scoop 58oz. \$12.50**

**ACM-34SS Round Mouth Scoop 12oz. \$5.00**



**Tamping Rods**

ASTM C157, C192; AASHTO T160

Both ends of the rods are rounded to a hemispherical tip and are plated to prevent corrosion.

**ACM-39 3/8" x 12" Rod \$7.00**

**ACM-33A 5/8" x 24" Rod \$9.00**



**Strike Off Plate**

ASTM C138; AASHTO T121



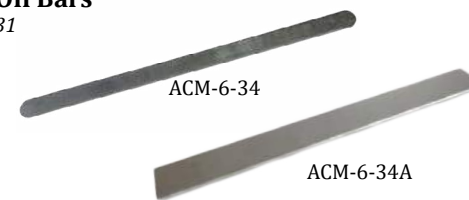
The HPVC strike off plates are durable, economical and lightweight. Select a plate that is 2" larger than the diameter of the unit weight measure. The most popular strike off plate is the ACM-SP14X14 because it works on up to 1/2" ft<sup>3</sup> unit weight buckets. The ACM-SP12X12 works on up to 1/4 ft<sup>3</sup>.

**ACM-SP14X14 Strike Off Plate 14" x 14" x 1/2" \$19.95**

**ACM-SP12X12 Strike Off Plate 12" x 12" x 1/2" \$17.75**

**Strike Off Bars**

ASTM C231



The strike off bar is used for pressure meter and metal roller meter testing.

**ACM-6-34 Steel Strike Off Bar \$8.95**

**ACM-6-34A Aluminum Strike Off Bar \$6.95**

**Long Handle Cleaning Brush**

The long handle brush is great for cleanup and stands up to acid wash. The brush has a plastic handle and polypropylene bristles.

- Bristle Dimensions: 2" x 3" x 4"
- Length of Brush: 20"



**H-3639.20 Long Handle Cleaning Brush \$7.75**

**Flat Bottom Scoops**

The flat bottom scoops are ideal for scooping greater amounts of material especially when scooping from a flat surface.

**FBS-16 Flat Bottom Scoop 16oz. \$8.00**

**FBS-38 Flat Bottom Scoop 38oz. \$12.95**



**Rubber Mallets**

ASTM C138, C231; AASHTO T121, T152

The non-marring, black rubber head of the mallet is securely attached to a hardwood handle. The mallet is designed to be used with unit weight and air meters.

**RM-1 1lb Rubber Mallet \$5.50**

**RM-2 2lb Rubber Mallet \$12.00**



**Clear Strike Off Plate**

ASTM C138; AASHTO T121



The clear acrylic strike off plates are durable, economical and light weight. Select a plate that is 2" larger than the diameter of the unit weight measure.

**HM-235.1 Strike Off Plate 8" x 8" x 5/8" \$24.25**

**HM-235.2 Strike Off Plate 10" x 10" x 5/8" \$33.50**

**HM-235.3 Strike Off Plate 12" x 12" x 5/8" \$36.50**

**HM-235.4 Strike Off Plate 16" x 16" x 5/8" \$57.95**

**Wash Bottle with Long Spout**

The wash bottles are made of translucent and low density polyethylene. Solutions can be dispensed easily by lightly squeezing the bottle. The flexible delivery tube can be directed wherever required.

**WB250 250ml Wash Bottle \$3.45**

**WB500 500ml Wash Bottle \$3.75**

**WB1000 1000ml Wash Bottle \$4.95**



**Wash Bottle with Short Spout**

The plastic wash bottle has a wide mouth design for easy cleaning, refilling and dispensing. The 16oz. bottle is comparable to the 500ml sized wash bottle above.

**WB016 16oz (500ml) Wash Bottle \$3.75**



Vapor Emission Test

**Vapor Emission Test Kit**

ASTM E1907, F1869

The vapor emission test kit is used for determining the moisture acceptability for the placement of floor coverings and coatings over concrete slab surfaces. This method allows the user to easily quantify the volume of water vapor emitting from a 1,000 ft<sup>2</sup> concrete slab over a 24 hour period. The test is directly specified by the vast majority of the Floor Covering Industry as the primary measure of moisture acceptability for floor covering or coating installations. The kit consists of a calcium chloride container, a specifically designed dome cover with seal and an instruction manual.



**H-2993B Vapor Emission Test Kit 12/pk \$125.00**

Moisture Meters

**Concrete Moisture Meter**

ASTM F2170, F2420; BS 5324, 8203



The concrete moisture meter measures moisture content instantly in concrete floors and floor screeds. The meter measures moisture to 7% and meets BS 5324 and 8203 for above surface reading of relative humidity. It has an optional attached probe, that when used, allows it to meet ASTM F2170 and F2420. A NIST Certificate is available upon request.

**HC-2994 Concrete Moisture Meter \$645.00**

**Concrete Moisture Encounter**

ASTM F2659



The concrete moisture encounter has an analog dial to show readings of 0 - 6% moisture in concrete or 0 - 10% moisture in gypsum, with a "hold" button to freeze the display. The unit is user calibrated at the start of each use for accurate repeatable readings. The meter has a low battery LED indicator.

**HM-668A Concrete Moisture Encounter \$530.00**

**Dial Face Concrete Thermometer**

- Range: 25° – 125°F
- Face: 1" Diameter
- Probe: 5" Long
- Readability: 1°F with Calibration Nut
- Accuracy: ±2°F
- Includes Plastic Protective Sleeve



**PD-125 Dial Face Concrete Thermometer** \$7.50

**PD-125-Q Quantity of 12 or More** \$5.75

**Pocket Digital Thermometer**

- Range: -40° – 450°F
- Accuracy: ± 1°F from 0°-230°F, ±3.6°F above 230°F
- Resolution: 0.1°F/C
- Battery: 1 LR44 1.5V (Included)
- Units: Switchable between °C/°F



**9842 Pocket Digital Thermometer** \$14.00

**Digital Infrared Thermometer**

- **Range: -40° to 1076°F (-40° to 580°C)**
- **Accuracy: ±3°F (2°C) or ±2% of reading (whichever is greater) above 32°F (0°C); ±5°F (3°C) or ±2% of reading (whichever is greater) below 32°F**
- **High quality 12:1 optics**
- **Bright Laser Pointer**
- **Easily Switch from °C to °F**
- **Backlit Display**
- **Auto Power Off Trigger: Inactivity for 1 minute**
- **Power Source: "9V" battery (included)**



**TS05 ToolSmart™ Digital Infrared Thermometer** \$39.95

**Mercury Min/Max Thermometer**

The mercury thermometer shows maximum and minimum °F and °C temperatures since last reset, as well as present temperature.

- Range: -40° – 120°F (Div. 2°F)/-40° – 50°C (Div. 1°C)
- U-Shaped Capillary Mounted in Plastic
- Dimensions: 8"L x 2-5/8"W x 1"D
- Includes Guard and Mounting Tab

**Caution:**

Many state and local laws prohibit the sale or shipment of mercury. Check laws in your area or call us before purchasing any product containing mercury. See page 113 for the current list of banned states.

**Min/Max Min/Max Mercury Thermometer** \$14.00

**Digital-Spirit Filled Min/Max Thermometer**

- Great alternative to the mercury min/max thermometer
- Dual Range: -40° to 120°F (-40° to 50°C)
- Length: 8"
- Div: 2°F
- Current temperature displayed on the spirit filled sticks
- Min/max temperatures displayed on the digital read out



**Min/MaxD Digital-Spirit Filled Thermometer** \$14.00

**Digital Min/Max Thermometer**

- Waterproof
- Range: -58° – 572°F (-50°C – 300°C)
- Accuracy: ±1.8°F
- °C/°F Switchable
- Stainless Steel Probe
- Protective Plastic Cover with Pocket Clip



**RT600B Digital Min/Max Thermometer** \$17.50

**RT600B-Q Quantity of 6 or More** \$15.00

**Glass Spirit Filled Thermometer**

- Dual Range Spirit Filled Glass
- Range: 0° – 125°F (-20° – 50°C)
- Length: 5"
- Metal Sleeved Case



**PG-125 Glass Spirit Filled Thermometer** \$8.00

**PG-125-Q Quantity of 12 of More** \$6.50

**NIST Traceable Digital Reference Thermometer**

The NIST Traceable Digital Thermometer is the perfect size to fit into flasks, cuvettes, test tubes and beakers. Its stainless steel probe is resistant to most laboratory chemicals. The 8" stem allows the user to make measurements while stirring solutions in deep vessels.

- 8" Stainless Steel Stem w/ Probe Cover
- NIST Traceable with Certificate
- °C/°F Switchable
- Range: -58° – 572°F
- Resolution: -4° – 392°F = 0.1°, outside range 1.0°
- Accuracy: ±0.2°C at Tested Points
- 5 Point, Full Range
- NIST Certificate

**ACC310SUP NIST Traceable Digital Reference Thermometer** \$59.95

**NIST Traceable Non-Mercury Thermometer**

The Durac® Plus™ NIST Traceable non-mercury reference thermometer is made with permanently fused marking and fractional degrees to provide precision and ensure accuracy. The glass thermometer contains a blue organic liquid that shows against a lead-free white back glass.

- Range: 30° – 124°F
- Partial Immersion: 76mm (3")
- Divisions: 0.2°F
- Length: 455mm (17.9")

**60730-0300 NIST Traceable Non-Mercury Thermometer** \$140.00

**Pocket Penetrometer**

ASTM C780



The lightweight, spring-reaction type concrete pocket penetrometer is used for field and laboratory evaluations of the initial set of concrete mortar. It has a direct reading scale from 0 – 700 psi. The penetrometer comes with a belt loop carrying case.

**HM-260 Pocket Penetrometer** \$99.95

**Mortar Penetration Resistance Apparatus**

ASTM C403; AASHTO T197



The mortar penetration resistance apparatus is used to test the rate of hardness of mortars sieved from concrete mixtures. It determines the effects of variables such as temperature, cement, mixture proportions, additions and admixtures upon the time of setting and hardening of concrete.

- Interchangeable Mortar Penetration Resistance Needles Included: 1<sup>2</sup>, 1/2<sup>2</sup>, 1/4<sup>2</sup>, 1/10<sup>2</sup>, 1/20<sup>2</sup>, and 1/40<sup>2</sup>
- Graduated from 10 – 130 lbf (45 – 580N) in increments of 2 lbf (9N)

**H-4137 Mortar Penetration Resistance Apparatus** \$500.00

**Dial Pocket Penetrometer**

ASTM C780



The lightweight, spring-reaction type concrete penetrometer is used for field and laboratory evaluation of the initial set of concrete mortar. The penetration plunger has a 1/20 in<sup>2</sup> tip area and is steadily pushed into the mortar to a 1" depth at periodic time intervals. It has a direct reading dial scale of 0 – 700 psi.

**HM-78 Dial Pocket Penetrometer** \$196.00

**Acme Penetrometer**

ASTM C403; AASHTO T197



The Acme Penetrometer determines the setting time of concrete with slump greater than zero by testing mortar sieved from the concrete mixture. It also determines the effects of variables such as temperature, cement, mixture proportions, additions and admixtures upon the time of setting and hardening of concrete.

- Pressures read on a 200 lbf (890N) capacity, graduated in 2lbf divisions
- Set of six needles allows multiplication to a max. reading of 8,000lbf
- Bearing Area: 1<sup>2</sup>, 1/2<sup>2</sup>, 1/4<sup>2</sup>, 1/10<sup>2</sup>, 1/20<sup>2</sup>, 1/40<sup>2</sup>
- Includes 100 lab test data reporting forms and wooden storage block

**H-4133 Acme Penetrometer** \$1,259.00

## Consistency

**Kelly Ball Penetration Apparatus**

ASTM C360; AASHTO T183

The Ball Penetration Apparatus or Kelly Ball determines the depth of penetration of metal weight into plastic concrete. The apparatus consists of a cylinder with a hemispherical bottom and handle. The stirrup or frame guides the handle and acts as a reference for measuring the depth of penetration. The handle is graduated in quarter inch increments on one side and half centimeter increments on the other side. Concrete may be tested when placed in the forms prior to any manipulation or in a suitable container.



**H-3655 Ball Penetration Apparatus 30lb** \$394.00

**H-3655-20 Ball Penetration Apparatus 20lb** \$410.00

**Vebe Consistometer for ASTM C1176**

ASTM C1176

The Vebe Consistometer conforms to ASTM C1176 for making roller-compacted concrete in cylinder molds using a vibrating table. This practice is used when the standard procedures of rodding and internal vibration are not practicable. The unit is comprised of a vibrating table, swing arm with guide sleeve for the 20lb surcharge weight, and a test mold



- Test Mold Size: 6" x 12" (Conforms to ASTM C470)
- Mold is locked into place on the base of the unit

**HM-206 Vebe Consistometer for ASTM C1176** \$3,650.00

**Vebe Consistometer for ASTM C1170**

ASTM C1170

The consistency test is used for determining the consistency of stiff to extremely dry concrete mixtures like those used in roller-compacted concrete mixtures. The unit is comprised of a vibrating table, swing arm with guide sleeve for the 50lb surcharge weight, and a test mold.

- Test Mold Size: 9.5" x 7.75" ID
- Mold has handles for easy movement
- Mold can be locked into place on base with positioning tabs and wing nuts

**HM-207 Vebe Consistometer for ASTM C1170** \$3,650.00

**HM-207.1 Surcharge Weight 27.5lb** \$330.00

**RCC Base Plate & Mold Assembly for ASTM C1176**

ASTM C470, C1176

The RCC base plate and mold assembly is a replacement for the 1176 Vebe Consistometer.

- Test Mold Size: 6" x 12" (Conforms to ASTM C470)
- Mold is locked into place on the base of the unit



**WA-439/AA-239 RCC Base Plate & Mold Assembly** \$385.00



# CEMENT

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**Prism Molds**  
ASTM C31-98, C78-94, C192-98, C293-9



Prism molds are designed to produce the required 10" effective gauge length prism test bars. The molds feature removable partitions, base and end plates. Effective gauge length is measured from the inside end of the studs. The molds produce cement prism specimens 11-1/4" long - including studs, outside to outside length of specimen is 11-5/8".

Part#	Description	Price
H-3251	2" x 2" x 10", 2 Gang	\$180.00
H-3252	1" x 1" x 10", 1 Gang	\$137.00
H-3253	1" x 1" x 10", 2 Gang	\$132.95
H-3254	3" x 3" x 10", 1 Gang	\$174.00
H-3255	1" x 1" x 5", 2 Gang	\$228.00
H-3256	4" x 4" x 10", 1 Gang	\$235.00
H-3270	1.6" x 1.6" x 6.3", 3 Gang	\$513.00

**Rectangular Mortar Bar Container**  
ASTM C1260, C1567

The rectangular mortar bar container is a stainless steel container for storing test specimens. The container has a tight-fitting cover that prevents moisture loss. It supports up to 36 bars vertically.



H-3265 Rectangular Mortar Bar Container \$460.00

**Dial Length Comparator**  
ASTM C151, C157, C227, C311, C341, C342, C452, C490, C596; AASHTO M210, T107, T160

The dial length comparator measures the length changes of hardened cement paste, mortar and concrete prismatic specimens. Its indicator is mounted on a sturdy upright support attached to a solid triangular base. The unit includes stationary and movable anvils designed to fit H-3260 gauge studs, which are cast into test specimens and an invar reference bar. The length comparator accommodates test specimens up to 4" x 4" cross section.



H-3250 10" Dial Length Comparator \$840.00

H-3248 16" Dial Length Comparator \$940.00

**Length Comparator Replacement Parts**



Part#	Description	Price
H-3250.3	Replacement Dial Indicator	\$285.00
H-3250.3D	Replacement Digital Indicator	\$440.00
H-3250.7	Elevating Screw (Nut Collar & Anvil Assembly)	\$75.00
H-3250.8	Adapter for 5" Specimen	\$130.00
H-3249A.16	Invar Reference Bar for 16" Specimen	\$95.00
H-3249A	Invar Reference Bar for 10" Specimen	\$82.00

**Gage Studs**  
ASTM C151, C157, C227, C490 and AASHTO M210, T107

Gage studs have stainless steel contact points and are knurled and threaded for use with cement prism molds. Ten studs are packaged in each bag.



H-3260 Gage Studs 10/pk \$6.00

**Retaining Cage**  
ASTM C806

The retaining cage features a 1/4-20 continuous threaded rod and acorn nuts.



H-3251RC Cage for 2" x 2" x 10" Molds \$73.30

H-3257 Cage for 3" x 3" x 10" Molds \$54.40

**Round Mortar Bar Container**  
ASTM C141, C151; AASHTO T107

The plastic container includes the 10" test bar holder that supports 8 bars vertically, above water level, so that each test bar is exposed to steam.



H-3267 Round Mortar Bar Container \$240.00

H-3243B Test Bar Holder 10" \$210.00

H-3243A Test Bar Holder 5" \$220.00

**Digital Length Comparator**  
ASTM C151, C157, C227, C311, C341, C342, C452, C490, C596; AASHTO M210, T107, T160

The digital length comparator measures the length changes of hardened cement paste, mortar and concrete prismatic specimens. Its indicator is mounted on a sturdy upright support attached to a solid triangular base. The unit includes stationary and movable anvils designed to fit H-3260 gauge studs, which are cast into test specimens and an invar reference bar. The length comparator accommodates test specimens up to 4" x 4" cross section.



H-3250D 10" Digital Length Comparator \$1,120.00

H-3248D 16" Digital Length Comparator \$1,160.00

**Cement Autoclave**  
ASTM C151; AASHTO T107

The cement autoclave uses accelerated means of estimating delayed expansion of Portland cement caused by hydration of CaO and MgO. Test bars are exposed to controlled steam pressure and corresponding constant temperature. The autoclave produces a 60-250 psi range of aspressures. The unit consists of the steam vessel, pressure regulator, pressure gauge, air vent valve, power switches and safety pop valve. A thermometer, wrench and five gaskets are also included with purchase.



- Chamber Dimensions: 6-1/8"ID x 16" H
- Overall Dimensions: 17"W x 48"D x 28"H
- Maximum Power: 1700W

HM-252 Cement Autoclave \$11,400.00

**ASTM Cube Molds**

**Brass Cube Mold**  
ASTM C87, C91, C109, C141, C267, C311, C472, C617, C618, C1073; AASHTO T71, T108



The 3-gang brass cube mold creates 2" x 2" compression test cubes. It has a preferred screened off upper surface area and casts the cubes in a diagonal arrangement with a detachable brass base plate. Wing nut clamps lock the mold to the base, while stainless thumb screws secure the halves tightly together.

ACM-7 Brass Cube Mold \$395.00

ACM-7K Brass Cube Mold Kit \$465.00  
Kit Includes: ACM-7 Mold, ACM-7C Cover Plate, ACM-25 Cube Tamper

**Stainless Steel Cube Mold**  
ASTM C109, C141, C311, C472, C579, C87, C91, C942; AASHTO T106



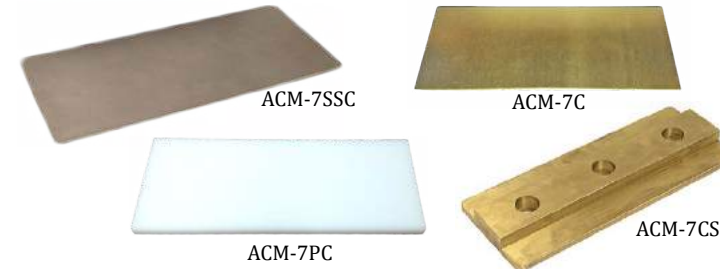
The stainless steel, 3-gang diagonal cube mold makes 3, 2" x 2" compression test cubes at one time. It comes with wing nut clamps that lock the mold to the base and stainless steel thumb screws that secure its halves tightly together. The mold also has a detachable stainless steel base plate.

ACM-7S Stainless Steel Cube Mold \$420.00

ACM-7SK Stainless Steel Cube Mold Kit \$470.00  
Kit Includes: ACM-7S Mold, ACM-7SC Cover Plate, ACM-25 Cube Tamper

**Brass and Stainless Cube Mold Cover Plates**

Part#	Description	Price
ACM-7C	Solid Brass Cover	\$90.00
ACM-7SSC	Stainless Steel Cover	\$92.00
ACM-7CS	Brass Cover Plate with Holes	\$150.00
ACM-7PC	Solid Plastic Cover Plate	\$22.00



**Parallel Cube Mold**  
ASTM C87, C91, C109, C141, C267, C311, C472, C617, C618, C1073; AASHTO T71, T108



The 3-gang parallel cube mold is stainless steel and fitted with angles for attaching to studs threaded into its detachable baseplate. The mold is used for compression strength tests of Portland cement, mortars, lime and gypsum.

H-2810 Parallel Cube Mold \$560.00

**NON-ASTM Cube Molds**

**Poly Cube Mold Kit**

The polyethylene plastic 3 gang cube mold produces 2" cube specimens. It is used for cement, grout, mortar and epoxy cube testing.

- Includes:
- 3-gang Mold
  - Curing Cover
  - Tamper
  - Extra set of Rubber Bands
  - Retaining Bars (if curing cover is not used)
  - Does NOT meet ASTM standards



ACM-1K Poly Cube Mold Kit \$115.00

**Econ-O-Cube Mold**

The Econ-O-Cube Mold is made out of engineered plastic which resists cement mortar and mild acids. It casts 3 compression test cubes at one time in a diagonal arrangement. The mold and detachable base are held together by self-aligning thumb screws which ensure an even and tight fit.

- Reusable
- Easy to clean
- Lightweight
- Rubber tamper included
- Does NOT Meet ASTM standards



2EOC Econ-O-Cube Mold \$52.50

2EOC-C Mold Plastic Cover Kit \$27.70



**Cube Maker**

The reusable 3-gang cube maker is constructed of stainless steel. It is used with disposable polypropylene cube liners to create cured cubes that are easily lifted out and stripped from the molds. The cube maker is an inexpensive, time saving system that is reliable for in-house quality control and other non-specification applications.



ACM-21 Cube Maker \$156.00

**Cube Liners**

The disposable, polypropylene cube liners are used with the cube maker to create cured cubes that are easily lifted out and stripped from the molds.



EPC-M2X2 Cube Liners 200/box \$80.00

**Retainer Caps, 2" Square**



The 2" retainer caps are used to test the 2" cube specimens. They can be used with 2" compression pads to avoid the need for capping compound. They are sold in sets of 2.

**ACM-23 Retainer Caps, 2" Square \$79.00**

**20-30 Standard Sand**  
*ASTM C778, AASHTO T132*



The 20-30 standard sand (tensile test sand) is manufactured to pass through a No. 20 sieve and be retained on a No. 30 sieve. Its specific gravity is 2.65 and comes in a 50lb box.

**H-3820BX ASTM 20-30 Sand \$63.80**

**Hobart Mixer**  
*ASTM C227, C305; AASHTO T162*

The 5 quart mixer is used for mixing hydraulic cement pastes and mortar of plastic consistency. The mixer includes a bowl positioning adapter, 5 quart stainless steel bowl and 1 flat, stainless steel beater for mixing heavy materials. Using the principle of planetary action, the beater reaches every part of the batch, rotating on its axis in opposite directions as it moves around the bowl. It thoroughly blends, mixes and aerates all ingredients for consistent, predictable finished batches.



- 3 Speed Settings:**
- 139 RPM
  - 285 RPM
  - 591 RPM

**H-3841 Hobart Mixer \$3,290.00**

**Cube Tamper**  
*ASTM C87, C109, C157, C185, C596; AASHTO T106, T137, T160*



- HDPE plastic cube tamper - 6" x 1" x 1/2"
- Wood cube tamper - 6" x 1" x 1/2"

**ACM-25 Plastic Cube Tamper \$7.50**

**H-2860W Wood Cube Tamper \$12.50**

**Compression Pads for 2" x 2" Cubes**

The compressive pads are used to cap 2" x 2" cubes in retainer squares. Four pads come in a set, including 2 red pads for normal strength (70 duro, up to 4,000psi) and 2 amber pads for higher strength (85 duro, over 4,000psi). Sets are also available in all one color.

**ACM-24 2" x 2" Pads, 4/set (2 Red, 2 Amber) \$29.00**

**ACM-24A 2" x 2" Pads, 4/set (All Amber) \$29.00**

**ACM-24R 2" x 2" Pads, 4/set (All Red) \$29.00**



**Graded Standard Sand**  
*ASTM C109, C778, AASHTO T106*



The graded standard sand (cube test sand) is graded between No. 30 and No. 100 sieves. The specific gravity is 2.65 and comes in a 50lb box.

**H-3825BX Graded Standard Sand (Cube Test Sand) \$56.50**

**Automatic Mortar Mixer**  
*ASTM C305, C359, C451; EN196-1, 196-3; ISO 679*



The automatic mixer is designed for the efficient mixing of cement pastes and mortar. The bowl capacity is 4.7 liters. The unit performs the mixing cycle by operating automatically on changes of speed, stops, and mixing sequences outlined by an acoustic signal. The unit is equipped of an automatic sand dispenser which fills the sand into the mixing bowl for a period of 30 seconds and comes complete with a safety door and stainless steel bowl.

- 140 or 285 rpm for the revolving action
- 62 or 125 rpm for the planetary action

**E093 Automatic Mortar Mixer \$7,995.00**

**Briquette Mold**  
*ASTM C307*



The cast bronze briquette mold is used for hydraulic cement mortar tensile strength tests. Its bronze clamps with pins hold the two mold halves securely. The mold is designed to prevent spreading during molding.

**H-2800 Briquette Mold \$252.00**

**Grout Sample Box**

*ASTM C1019-09*

The grout sample box is divided into 4 sections, designed to mold test samples in accordance with ASTM C109-9. The box yields consistent, identical prism samples and has slotted corrugation that retains moisture, while closely simulating Concrete Masonry Unit (CMU) absorption rates.



**GSB Grout Sample Box 25/case \$120.00**

**Grout Prism Liner**

*ASTM C1019-09*



The grout prism liner utilizes a thin corrugated paper that allows moisture to pass through to the block. The grout prism spacer is durable, reusable and easy to clean. It keeps the grout prism liner square and properly aligned while assembling the block mold. Its thickness allows the specimen to maintain the correct height.

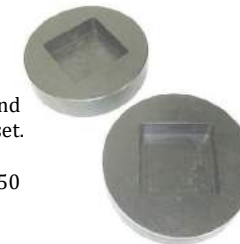
**GPL Grout Prism Liner 24/pk \$33.25**

**GPS Grout Prism Spacer 4/pk \$11.50**

**GPK Grout Prism Kit (24 GPL, 4 GPS) \$37.80**

**Grout Sample Retainer Ring**

The steel retaining rings are machined plane ±0.002 and are plated to prevent rust. Two rings come with a set.



**GSRC Grout Sample Retainer Rings 2/set \$222.50**

**Block Caps**

*ASTM C140*



The block cap is an unbonded capping system for compression testing of concrete masonry units. The block cap compression pad is a fibrous composite laminated to tough plastic sheeting. The composite flows into the irregularities of the Concrete Masonry Units (CMU), distributing the test load uniformly without damaging the cell stems.

- Features:**
- Convenient and uncomplicated (no mixing, cutting, measuring)
  - Clean and economical, saving time and labor
  - Accurate and consistent

**BC08 Block Cap 8" x 16", 10 sets/ctn \$57.75**

**BC12 Block Cap 12" x 16", 10 sets/ctn \$83.15**

**Grout Sample Box Fixture**

The fixture assists in maintaining the squareness and consistency of each of the four individual specimens in the grout sample box by providing support of the grout sample box sidewall.



**GSB-F Grout Sample Box Fixture \$33.00**

**Grout Paper**

*ASTM C1019-09*



Grout paper sheets are used to create grout prisms for compressive strength testing. The grout paper is cut to dimensions of 7-1/2" x 12" and scored in three places to allow the paper to be folded into a 3" x 3" x 7" prism. The grout paper molds are then placed into a cavity created by properly arranging concrete masonry units (CMU) and/or bricks to the same dimensions. The grout is then placed and consolidated into the cavity lined by the EMI grout paper.

**GP-100 Grout Paper 100/pk \$175.00**

**Grout Sample Neoprene Pads**



The square, fitted, AASHTO grade compression pads are used with the grout sample retainer rings. Pads are priced individually.

**GSCP-50 Grout Sample Neoprene Pad 50 Durometer, 10/box \$82.95**

**GSCP-60 Grout Sample Neoprene Pad 60 Durometer, 10/box \$82.95**

**GSCP-70 Grout Sample Neoprene Pad 70 Durometer, 10/box \$82.95**

**Block Capping Fixture**

*ASTM C1552*



The capping fixture is used to cap masonry blocks in preparation for compression testing. The fixture consists of a heavy duty base precision ground to a tolerance of 0.002" for 6" blocks and an adjustable retainer for 4", 6", 8", 10" and 12" masonry blocks.

**LA-0113 Block Capping Fixture \$770.00**

### Hand Driven Flow Table

ASTM C230

The hand-driven flow table has a 10" diameter cast bronze table/platen. It includes the standard cast bronze flow mold that has a top diameter of 2-3/4", a bottom diameter of 4", and is 2" high. The hand-driven flow table is used to determine the consistency of cement mortars.



**HM-208 Hand Driven Flow Table with Mold** \$1,000.00

### Motorized Flow Table

ASTM C87, C109, C110, C185, C230, C243, C348, C593; AASHTO T71, T106, T137, T152

The motorized flow table has a 10" diameter cast-bronze table/platen and an automatic digital counter. The motor stops automatically once the pre-set number of drops is achieved. It includes a heavy-duty table/platen assembly, 2-3/4" top diameter x 2" high x 4" bottom diameter cone mold, motor and counter.



**H-3624 Motorized Flow Table with Counter** \$2,690.00

**HM-209 Motorized Flow Table without Counter** \$2,120.00

## Vicat Testers

### Vicat Consistency Apparatus

ASTM C91, C141, C187, C191, C308, C451, C472; AASHTO T129, T131, T186

The vicat consistency apparatus has a reversible stainless steel plunger. One end of the plunger is 10mm in diameter, while the other end is a 1mm stainless steel needle. The weight of the plunger assembly with adjustable indicator is 300g. The graduated scale is between 0-50mm. The apparatus includes frame, graduated 0-50mm scale, plunger assembly, conical mold and glass plate.



**H-3050 Vicat Consistency Apparatus** \$440.00

### Modified Vicat Consistency Apparatus, 400g

ASTM C191; AASHTO T131

The vicat consistency apparatus has a reversible stainless steel plunger. One end of the plunger is 10mm in diameter, while the other end is a 1mm stainless steel needle. The weight of the plunger assembly with adjustable indicator is 400g. The graduated scale is between 0-50mm. The apparatus includes frame, graduated 0-50mm scale, plunger assembly, conical mold and glass plate.



**H-3060 Modified Vicat Consistency Apparatus** \$410.00

### Modified Vicat Consistency Apparatus, 50g

The modified vicat consistency apparatus has a 19mm diameter aluminum plunger on its 0.25" rod. The weight of the plunger assembly with adjustable indicator is 50g. The apparatus includes the graduated 0-50mm scale, frame with bakelite platform, plunger assembly, conical mold and glass plate.



**H-3090 Mod. Vicat Consistency Apparatus, 50g** \$390.00

### Modified Vicat Consistency Apparatus, 30g

ASTM C110

The modified vicat consistency apparatus has a 19mm diameter aluminum plunger on its 0.25" rod. The weight of the plunger assembly with adjustable indicator is 30g. The apparatus includes the graduated 0-50mm scale, frame with bakelite platform, plunger assembly, conical mold and glass plate.



**H-3120 Mod. Vicat Consistency Apparatus, 30g** \$410.00

### Modified Vicat Cone Penetrometer, 200g

ASTM C780, C185

The modified vicat cone penetrometer features a 10cm scale with an attached aluminum cone and plunger. The total weight of the plunger assembly is 200g. The apparatus includes the frame with bakelite platform, aluminum cone plunger assembly with adjustable indicator, and 400ml brass measuring cup.



**H-3133 Modified Vicat Cone Penetrometer, 200g** \$540.00

**H-3840 Measure - 400ml** \$98.00

### Modified Vicat Cone Penetrometer, 100g

The modified vicat cone penetrometer features a 35g magnesium cone with a 65g brass weight for a total plunger weight of 100g. The unit includes a frame with bakelite platform, graduated 0-50mm scale, magnesium cone plunger assembly with adjustable indicator, 65g weight and conical mold.



**H-3134 Modified Vicat Cone Penetrometer, 100g** \$400.00

### Modified Vicat Cone Penetrometer, 50g

ASTM C472

The modified vicat cone penetrometer is used to evaluate unsanded plaster. The unit features a magnesium cone and plunger assembly, which includes a 15g weight for a total plunger weight of 50g. The penetrometer comes complete with a frame with bakelite platform, graduated 0-50mm scale, magnesium cone plunger assembly with weight and adjustable indicator and conical mold.



**H-3137 Modified Vicat Cone Penetrometer, 50g** \$500.00

### Modified Vicat Cone Penetrometer, 35g

ASTM C472

The modified vicat cone penetrometer is used to evaluate unsanded plaster. The unit features a magnesium cone and plunger assembly, with a total weight of 35g. The penetrometer comes complete with a frame with bakelite platform, graduated 0-50mm scale, magnesium cone plunger assembly with weight and adjustable indicator and conical mold.



**H-3135 Modified Vicat Cone Penetrometer, 35g** \$430.00

### Set Time & Consistency Vicat Apparatus

ASTM C807

The set time and consistency vicat apparatus is designed to switch between a 17.5mm diameter plunger for consistency determinations and a 2mm diameter needle for time of set determinations. The plunger assembly with adjustable indicator weighs 400g with a 17.5mm needle attached and 300g with 2mm needle. The unit includes graduated 0-50mm scale, frame with bakelite platform, plunger assembly with adjustable indicator and brass ring mold.



**H-3085 Set Time & Consistency Vicat Apparatus** \$410.00

### Vicatronic Automatic Vicat Machine

ASTM C191; AASHTO T131; EN 196/3; DIN 1164, 1168 Gypsum; NF P15/431; BS 4550

The Vicatronic provides a completely automatic method for determining the initial and final setting time of cements or mortar pastes. The machine is supplied complete with the integral printer, two hardened needles (one with 1mm diameter and one 1.13mm diameter), two conical molds (meet EN and ASTM standards), and a glass plate to hold the conical mold.



- Results automatically printed from built-in printer
- RS232 Connection to PC
- Real time graph of results displayed on large, high-resolution LCD Display
- Additional programs can be developed by the operator

**H-3052 Vicatronic Automatic Vicat Machine** *Call or email for pricing*

## Replacement Parts & Accessories

### Measure - 400ml

The 400ml measure is used to determine air content of hydraulic cement mortar. The measure is cylindrical with 3" ID and a depth of approximately 3-15/32".



**H-3840 Measure - 400ml** \$98.00

### Flow Mold

The replacement flow mold is a cast bronze cone mold with a 2-3/4" top diameter and 4" bottom diameter. Works with both hand driven and motorized flow tables.



**HMA-133 Flow Mold** \$125.00

### Caliper for Flow Table



The rugged caliper is used to measure mortar flow diameter and indicate the positive percentage of flow.

**H-3621 Caliper for Flow Table** \$251.00

### Automatic Counter



The automatic counter can be used to upgrade the Motorized Flow Table so a pre-determined number of drops can be set to run automatically.

**H-3614B Automatic Counter** \$575.00

### Beveled Straight Edge

ASTM C185; AASHTO T137



The 8" long, ground steel, beveled straight edge is used for striking off samples in the flow table molds.

**HM-307.2 Beveled Straight Edge** \$16.10

### Pedestal Form



The wooden pedestal form is used to create a concrete base for flow tables.

**H-3624F Pedestal Form** \$240.00

## Grout Flow

### Plastic Grout Flow Cone Set

ASTM C939

The polyethylene cone with stainless steel orifice is economically priced, simple to use and easy to clean. The set is for field measurements of flowability of fluid hydraulic grouts used in preplaced aggregate concrete. The flow cone method is for use with grouts having 35 seconds or less efflux time.

#### Kit Includes:

- Flow Cone - stainless steel discharge orifice with cap
- Large steel ring with stand
- Point gauge level indicator



**ACM-FC-1K-0.5 Plastic Flow Cone Set, 1/2" Orifice** \$225.00

**ACM-FC-1K-0.75 Plastic Flow Cone Set, 3/4" Orifice** \$225.00

**ACM-FC-01-0.05 Plastic Flow Cone Only 1/2"** \$93.00

**ACM-FC-01-0.75 Plastic Flow Cone Only 3/4"** \$93.00

#### Replacement Parts:

**ACM-FC-R Large Steel Ring with Stand** \$97.00

**ACM-PG-1 Point Gauge Level Indicator** \$39.00

### Grout Flow Cone Set

ASTM C939

The grout flow cone set measures the flow of grout for preplaced aggregate concrete. The set is intended for neat grout, grouts containing fine aggregate capable of passing a No. 8 sieve, and grouts which have an efflux time of less than 35 seconds.

#### Kit Includes:

- Interchangeable Orifice Flow Cone
- Adjustable Point Gauge Assembly
- 3-Legged Stand
- Stainless Steel 2 Qt. Beaker



**HM-372 Grout Flow Cone Set - 0.5"** \$412.00

**HM-373 Grout Flow Cone Set - 0.75"** \$412.00

**HM-372B Grout Flow Cone Only - 0.5"** \$370.00

**HM-373B Grout Flow Cone Only - 0.75"** \$370.00

#### Replacement Parts:

**HMA-146 Flow Cone Orifice - 0.5"** \$104.00

**HMA-147 Flow Cone Orifice - 0.75"** \$104.00

**HM-372A Stand** \$102.50

**MA-45 Stainless Steel 2 Qt. Beaker** \$23.00

**MA-48 Stainless Steel 6 Qt. Beaker** \$38.00

## Vicat Needles & Plungers



Part#	Description	Price
H-3052.2	Vicat Needle 1.13mm Dia. (EN 196-3)	\$6.00
H-3052.9	Vicat Needle 1mm Dia. (ASTM C191)	\$11.00
H-3070	Vicat Needle 1mm Dia., Knurled Thread	\$20.00
H-3072M	Vicat Needle 1.13mm Dia., Initial Set (BS EN 196-3)	\$54.00
H-3073	Vicat Needle 1.13mm Dia., Final Set (BS EN 196-3)	\$45.00
H-3075	Vicat Needle, Initial & Final Set (ASTM C191)	\$48.00
H-3147	Vicat Needle 2mm Dia.	\$24.00
H-3085.1	Vicat Needle 17.5mm for H-3085 Vicat	\$155.00
H-3052.5	Vicat Needle 1mm Dia., (ASTM C191)	\$35.00
H-3072	Vicat Needle 1.13mm Dia., Knurled Thread	\$44.00

Part#	Description	Price
H-3055	Plunger for H-3050 Vicat, 300g	\$178.00
H-3085.1	Plunger for H-3085 Vicat, 300g	\$155.00
H-3110	Plunger for H-3090 Vicat	\$130.00
H-3130	Plunger for H-3120 Vicat	\$140.00
H-3135.1	Plunger for H-3135 Vicat	\$240.00
H-3137.1	Plunger for H-3137 Vicat	\$180.00
H-3060.1	Plunger for H-3060 Vicat, 400g	\$328.00
H-3133.1	Plunger for H-3133 Vicat	\$320.00
H-3134.1	Plunger for H-4134 Vicat	\$240.00

\*Call 888.293.2121 or email sales@myerstest.com for current pricing

## Vicat Weights



H-3136

Part#	Description	Price
H-3136	100g Weight for H-3137 Vicat	\$16.00
H-3138	65g Weight for H-3134 Vicat	\$16.00
H-3061	100g Weight for H-3060 Vicat	\$25.00
H-3100	100g Weight for H-3090 Vicat	\$45.00



H-3138

## Accessories & Replacement Parts

### Glass Plate

The glass plate has dimensions of 4" x 4" x .1375". It is used with the H-3050, H-3060 and H-3090 vicat apparatuses.

H-3049 Glass Plate \$6.60



### Mold Container

The mold container is used in the false set test. Its dimensions are 2" x 2" x 6" and the overall length including base is 9.25".

H-3065 Mold Container \$45.00



### Plastic Conical Mold

The plastic conical mold has dimensions of 70mm bottom dia. x 60mm top dia. x 40mm high. It can be used with all vicat apparatuses.

H-3080 Plastic Conical Mold \$34.00



### Brass Conical Mold

The brass conical mold has dimensions of 76mm dia. x 40mm high. It is used with the H-3085 vicat apparatus.

H-3086 Brass Conical Mold \$44.00



## Gillmore Apparatus

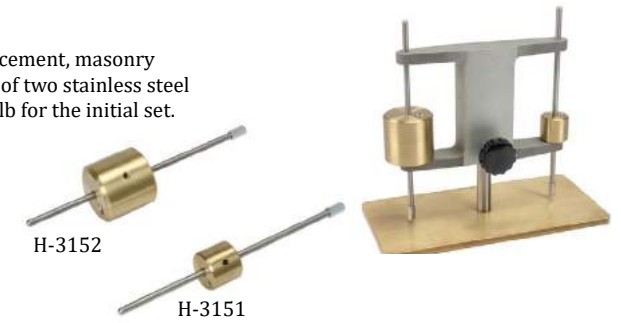
ASTM C91, C141, C150, C266, C414; AASHTO T154

The Gillmore Apparatus is used to determine initial and final set times of Portland cement, masonry cement, hydraulic hydrated lime and certain mortars. The apparatus is comprised of two stainless steel needles with 3/16" cylindrical flat-ends. One is 1/12" in diameter and weighs 1/4lb for the initial set. The second is 1/24" in diameter and weighs 1lb for the final set.

H-3150 Gillmore Apparatus \$410.00

### Replacement Parts:

H-3151	1/24" Dia. Needle with Weight	\$63.00
H-3152	1/12" Dia. Needle with Weight	\$70.00



## Water Retention

### Water Retention Apparatus

ASTM C1506, C110, C207

The water retention apparatus is used in specification tests of masonry cement and physical testing of quicklime and hydrated lime. The newly designed unit incorporates a vacuum regulator and gauge system as opposed to using a mercury manometer and relief column.

### Includes:

- Aspirator Pump
- Vacuum Regulator
- Vacuum Gauge
- 3-Way Stopcock
- Flask
- Rubber Gasket
- Brass Funnel
- Perforated Brass Dish
- Filter Paper
- Hardwood Stand



H-3630A Water Retention Apparatus \$1,150.00

### Replacement Parts

H-3630.3	Funnel	\$55.00
H-3630.4	Stopcock	\$185.00
H-3630.18	Rubber Gasket	\$9.60
H-3630.21	Filter Paper, 100pk	\$31.50
H-3631	Perforated Brass Dish	\$150.00
H-4913.1M	Flask, 1000ml	\$39.95

### Bleeding Rate Apparatus



The cement bleeding apparatus is used to determine the rate and bleeding capacity of cement paste and mortar by direct and continuous procedure. The unit includes a noncorrosive metal container, collecting ring, support stand and necessary glassware. The rubber-covered, double V-jaw burette clamp holds the stopcock in position. The single rubber-covered jaw clamp supports the burette and funnel assembly.

H-3600 Bleeding Rate Apparatus \$600.00

## Air Permeability

### Blaine Air Permeability Apparatus

ASTM C207; AASHTO T153

The blaine air permeability apparatus determines fineness of Portland cement. The unit is comprised of a calibrated U-tube manometer, ground glass joint, stainless steel test cell and plunger, rubber aspirator bulb and perforated disc. It comes complete with an 8oz. bottle of red manometer fluid, filter paper, and wood block.

H-3810 Blaine Air Permeability Apparatus \$470.00

### Replacement Parts

H-3811	Rubber Bulb	\$17.00
H-3812	Stopcock, Cell and Plunger	\$88.00
H-3813B	Perforated Brass Dish	\$12.40
H-3813S	Perforated Stainless Steel Disc	\$32.30
H-3814	Manometer Fluid, 8oz (240ml)	\$18.00
H-3815	Manometer U-Tube, Calibrated	\$194.50
H-3816.1M	Filter Paper, 1000/pk	\$62.00





# Cement Samplers

## Tube Sampler, Packaged Cement

ASTM C183; AASHTO T127



The tube sampler is used for sampling hydraulic packaged cement, brass unit has hardwood handle. Unit is 1.25" dia. x 28.75" long.

**H-3340 Tube Sampler \$95.00**

## Tube Sampler with Partitions, Bulk Cement

ASTM C183; AASHTO T127



The tube sampler is used for sampling hydraulic cement in bulk shipments or bulk storage. It has two polished brass telescopic tubes with registering slots (with partitions) that open or close by rotation of the inner tube. The outer tube has a sharp point to facilitate penetration. The sampler is 1.375" dia. x 63" long.

**H-3341 Tube Sampler with Partitions, Bulk Cement \$583.50**

**H-3342 Tube Sampler without Partitions, Bulk Cement \$493.00**

# Calorimeters

## Digital Cement Calorimeter

ASTM C186

The digital cement calorimeter is used to determine the heat of hydration of cements by measuring the difference between the heat of solution of dry cement and heat of solution of a separate sample partially hydrated for 7-28 days. Its constant speed stirrer maintains uniform temperature throughout the liquid and supplies sufficient agitation to keep solid reactant suspended in the acid mixture.

Includes:

- 2 Channel precision digital thermometer
- Insulated wood case
- Insulated 1 gallon can
- 1 pt. vacuum jar with stopper
- Differential thermometer with holder
- Rod and reading magnifier
- Plastic funnel
- Stirring paddle and chuck
- Geared synchronous motor

**H-3161 Digital Cement Calorimeter \$4,280.00**



# Alkali Reactivity

## Alkali Reaction Container

ASTM C289

The reaction container is used to determine potential alkali reactivity of aggregates (chemical method) when used with high alkali cements. The stainless steel unit is 2" dia. x 2-1/4" high and fitted with an air-tight cover. It has a capacity of 50-75ML.

**H-3320 Reaction Container \$177.75**



# Mud Flow & Density

## Mud Balance

The mud balance provides a simple, practical method for the accurate determination of fluid density. Its durable construction makes it ideal for field use. The high-impact plastic case protects the balance during transport while providing a secure base for it during use.

**DE-11500 Mud Balance with Case \$279.95**



# Marsh Funnel Viscometer

## Marsh Funnel Viscometer

The marsh funnel viscometer is a rugged, easy to operate instrument that is used for making rapid, on the spot measurements of drilling mud viscosity. The funnel reads only general measurements, but the frequent reporting of the viscosity will alert the mud engineer to sudden changes in the mud viscosity that could require corrective action. The 1 liter, plastic measuring cup is used for collecting the sample from the funnel.

**DE-11010 Marsh Funnel \$30.00**

**DE-11020 Marsh Funnel Cup \$11.00**



DE-11010

DE-11020

# Grout Volume Change

## Micrometer Bridge Set

The micrometer bridge set is designed to hold one cylinder to permit repeated volume change measurements without moving or disturbing the specimen.

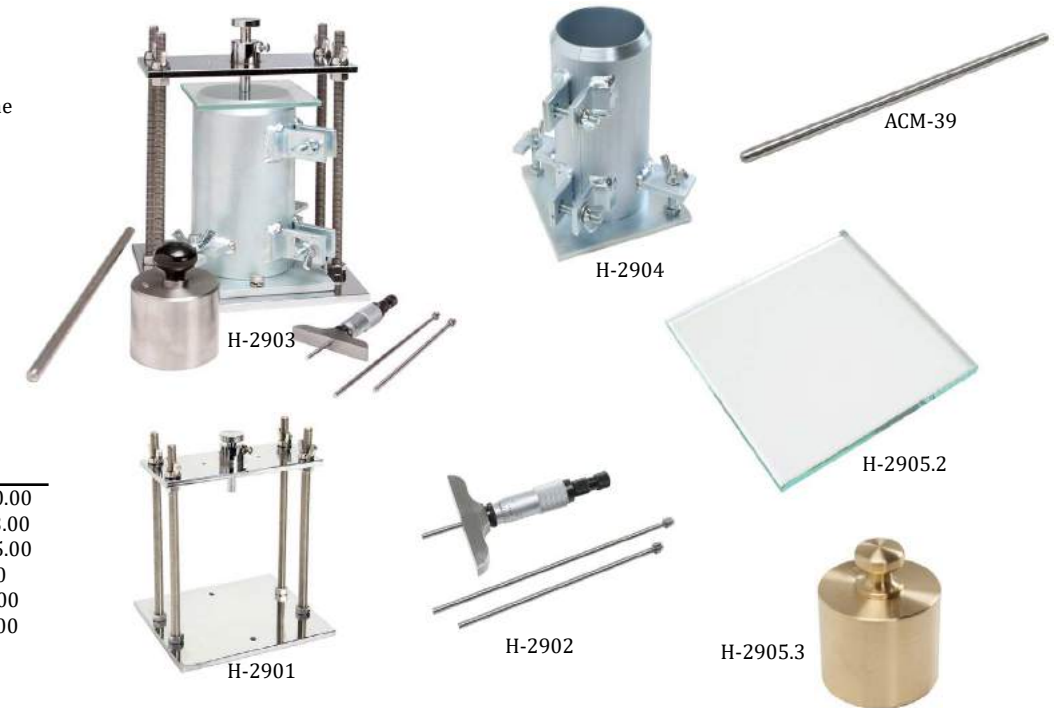
Includes:

- Micrometer bridge
- Micrometer depth gauge
- Tapered cylinder mold
- Tamping rod
- Glass plate
- 3lb weight

**H-2903 Micrometer Bridge Set \$600.00**

### Replacement Parts

<b>H-2901</b>	<b>Micrometer Bridge</b>	\$230.00
<b>H-2902</b>	<b>Micrometer Depth Gauge</b>	\$293.00
<b>H-2904</b>	<b>Cylinder Mold, Tapered</b>	\$135.00
<b>ACM-39</b>	<b>Tamping Rod</b>	\$7.00
<b>H-2905.2</b>	<b>Glass Plate</b>	\$10.00
<b>H-2905.3</b>	<b>3lb Weight</b>	\$86.00



H-2903

H-2904

ACM-39

H-2905.2

H-2901

H-2902

H-2905.3



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8" Shakers

8" & 12" Shakers

**Economy 8" Sieve Shaker, 10 Full Height Sieve Capacity**  
ASTM C136

The economy sieve shaker can hold up to 10, 8" full height sieves or 18 half height sieves. It uses a 1/4 hp motor with a 30 minute timer. The shaker should be bolted to a bench for correct operations.

- H-4325 Economy Shaker \$810.00
- HA-4425 Sieve Shaker Digital Timer \$840.00



**Gilson® 8" Sieve Shaker, 6 Full Height Sieve Capacity**  
ASTM C136

Gilson's 8" sieve shaker can hold up to 6 full height sieves or 13 half height sieves at one time. The shaker combines back and forth lateral, up and down, and tilting motions causing the test material to travel in an orbit on the sieve surfaces. This allows the full use of the sieve mesh area without precise leveling of the shaker.

- Recommended for No. 4 to No. 200 size range
- May be used with larger material sizes when applicable
- Clamp bar with attached cover secures sieves
- Can be mounted via holes in bottom end flanges
- Uses a 15 minute mechanical electrical timer

- SS-15 Gilson 8" Sieve Shaker \$805.50



**Economy Sieve Shaker**  
ASTM C136

The economy sieve shaker can be used with 8" and 12" sieves. Its 1/4 HP motor handles up to 10, 8" full height sieves with a pan or 10, 12" intermediate height sieves with a pan.

- 115V, 60Hz
- 30 Minute Timer
- Dimensions 21"W x 12"D x 47"H

- HM-370 Economy 8" & 12" Sieve Shaker \$945.00
- HA-4430 Large Sieve Shaker - Digital Timer \$1,040.00



**Gilson Tapping Sieve Shaker**

- Two-way tapping
- Innovative new EZ-Clamp System
- No permanent mounting required
- Precision electronic controller
- Holds up to 6 full ht., 10 intermediate ht., 13 half ht. w/ pan
- Accommodates both 8" & 12" sieves
- Recommended sieve range: 2" to No. 635

- SS-12R Gilson 12" Sieve Shaker \$2,195.00



**Rotary Lab Sifter**



The Rotary Lab Sifter quickly and efficiently processes samples in either 8" or 12" sieves. Easy conversion between the two sieve sizes takes less than a minute and requires no tools. The sieve stacks require no clamping and the mechanism is completely enclosed. Sieves are continuously rotated at an angle, while UHMW polyethylene faced hammers apply additional agitation for effective separations. The sifter can hold up to 6 full height 12" sieves and a pan or 10 full height 8" sieves and a pan. The unit automatically shuts off if the door opens during operation. The sifter comes equipped with a digital countdown controller with large red LED display that precisely times test cycles. Settings are saved between cycles, allowing precise repeatability and one-button operation. The timer has a pause function and selectable modes for operation up to 99 hours, 59 minutes.

- HM-300A Rotary Lab Sifter \$2,085.00

**Gilson® 8" Tapping Sieve Shaker, 10 Full Height Sieve Capacity**  
ASTM C136



The Gilson Tapping 8" Sieve Shaker can hold up to 10, 8" full height sieves or 20, 8" half height sieves. The recommended particle size range is 1" to No. 635. The sieving action of the sieve shaker delivers sharp, repeatable separations quickly over a broad range of particle sizes and material types.

- SS-8R Gilson Tapping 8" Sieve Shaker \$1,930.00

**Ro-Tap® 8" Sieve Shaker, 6 Full Height Sieve Capacity**  
ASTM C136

The W.S. Tyler® Ro-Tap® Sieve Shaker has 278 oscillations and 150 taps per minute. Its horizontal circular action combined with vertical tapping assures accurate and consistent results. The shaker is designed for heavy duty use and bolts easily to a solid table or sturdy bench top.

Features:

- Adjustable plate sieve support
- Built-in 99 min x 0.1 sec digital timer
- 1/4 hp motor
- Holds up to 6 full height 8" sieves with pan
- Holds up to 13 half height 8" sieves with pan
- Recommended particle size: No.4 to No.635

- SS-30 Ro-Tap® 8" Sieve Shaker \$2,250.00



**Gilson Rotary Sifter**  
ASTM C136

Gilson's Rotary Sifter can stack up to 11 intermediate height 12" sieves with a pan or up to 10 full height 8" sieves with a pan. The totally enclosed cabinet allows for safe, dust-free operation. Assembled sieve stacks are placed inside the cabinet and the unit is rotated back against the stops, no clamping required. With its ergonomic knob, the cabinet easily rotates between the loading and testing positions. A drive roller system continuously rotates the sieve stack with particle separation assisted by tapping against the stack. Its digital countdown timer with large LED display precisely times operation up to 99 minutes at ±1 second. A pause function and user-selectable modes offer greater versatility. Settings are saved between cycles for precise repeatability and easy, one-button operation.

- SS-20 Gilson Rotary Sifter \$2,085.00



**Gilson Silent Sifter®**  
ASTM C136

Gilson's Silent Sifter is engineered to match all the performance levels of the SS-20 Rotary Sifter while significantly reducing operational noise levels. Design modifications made using Gilson's proprietary silencing technology have resulted in a unit exhibiting 7 to 10dB lower noise levels than any other rotary sifter. The Silent Sifter is a great option for enhanced worker protection and reduction of nuisance noise levels.

- SS-21 Gilson Silent Sifter \$2,185.00



**Gilson® 8" 1-Touch Vibratory Shaker, 8 Full Height Sieve Cap.**



The 8" sieve shaker combines the latest in electronic control with proven separation technology for fast, accurate separations of materials 2mm and finer. The touch-screen programmable controller allows selection of vibration level, time, and pauses. Once operating parameters are set, a simple "start" button can be pushed on the display screen to begin each new test. Up to 99 testing profiles can be stored in non-volatile memory to ensure exact repeatability. The quiet, compact bench-top unit offers complete control of multi-directional agitation for optimum performance based on material type. The shaker holds up to eight full-height or sixteen half-height sieves plus a pan.

- SS-10 1-Touch Vibratory Shaker \$2,850.00

**Wet/Dry 8" Sieve Shaker**

The electric sieve vibrator separates fine mesh samples using one or two 8" full height sieves. For wet samples, the unit is placed over the sink without a pan and sprayed with water. For dry sieving, a notched bucket or pan is used to catch undersized sample. The vibrating unit is mounted on a durable powder-coated steel frame. The unit includes a 3-wire cord and plug for 115V, 50/60Hz operation.

- SS-23 Wet/Dry Sieve Shaker \$240.00



**MaryAnn® Sifter**  
ASTM C136

The original Mary Ann® Sifter quickly sets 26" high sieve stacks in place without clamping. Its enclosed cabinet ensures a safe, quiet operation and the door has the option where it can be mounted to open from either the right or left. The sifter allows fast and easy conversion to accommodate 8" or 12" testing sieves. It can hold up to 10 full height 8" sieves or 11 intermediate height 12" sieves with a pan. Its rotation, aided by tapping from hardwood faced aluminum hammers, promotes many orientations of particle to mesh. Its support stand also doubles as a sieve storage rack.

- SS-25 MaryAnn Shaker \$2,395.00



**Gilson Silent Sifter II®**  
ASTM C136

Gilson's Silent Sifter II® is the newest and most unobtrusive member of the Gilson Rotary Sifter family. Specially engineered with advanced soundproofing materials and techniques, this sifter is 16 to 18dB quieter than standard rotary sifters, and 8 to 10dB quieter than even the SS-21 Silent Sifter®. A heavy duty, over-center lever latch pulls the door tightly against the case gasket, ensuring a tight, dust-proof seal that enhances noise control. The floor stand of the Silent Sifter® II includes 4" hard rubber locking casters. Performance and features match those of the SS-20 and 22-21 models.

- SS-22 Gilson Silent Sifter II® \$2,595.00



All of the 8" brass-stainless sieves meet ASTM E11 and come with a certificate of compliance. **The standard 8" sieves come in either full height (2" above the mesh) or half height (1" above the mesh). Both are priced the same. Please specify height when ordering.** Back up cloths are available for both standard and wet wash sieves. The back up cloth provides support for fine mesh sieves and extends the life in wet-sieving operations. The support cloth is #20 calendered market grade stainless steel unless other wise specified.



H-3942



H-3942.200



WT-3

## 8" Standard Sieves

Part#	Description	Price	Part#	Description	Price
4"BS8F	8" Dia. Sieve 4" B/S Full Ht.	\$42.95	12BS8F	8" Dia. Sieve #12 B/S Full Ht.	\$42.95
3-1/2"BS8F	8" Dia. Sieve 3-1/2" B/S Full Ht.	\$42.95	14BS8F	8" Dia. Sieve #14 B/S Full Ht.	\$42.95
3"BS8F	8" Dia. Sieve 3" B/S Full Ht.	\$42.95	16BS8F	8" Dia. Sieve #16 B/S Full Ht.	\$42.95
2-1/2"BS8F	8" Dia. Sieve 2-1/2" B/S Full Ht.	\$42.95	18BS8F	8" Dia. Sieve #18 B/S Full Ht.	\$42.95
2.12"BS8F	8" Dia. Sieve 2.12" B/S Full Ht.	\$42.95	20BS8F	8" Dia. Sieve #20 B/S Full Ht.	\$42.95
2"BS8F	8" Dia. Sieve 2" B/S Full Ht.	\$42.95	25BS8F	8" Dia. Sieve #25 B/S Full Ht.	\$42.95
1-3/4"BS8F	8" Dia. Sieve 1-3/4" B/S Full Ht.	\$42.95	30BS8F	8" Dia. Sieve #30 B/S Full Ht.	\$42.95
1-1/2"BS8F	8" Dia. Sieve 1-1/2" B/S Full Ht.	\$42.95	35BS8F	8" Dia. Sieve #35 B/S Full Ht.	\$42.95
1-1/4"BS8F	8" Dia. Sieve 1-1/4" B/S Full Ht.	\$42.95	40BS8F	8" Dia. Sieve #40 B/S Full Ht.	\$42.95
1"BS8F	8" Dia. Sieve 1" B/S Full Ht.	\$42.95	45BS8F	8" Dia. Sieve #45 B/S Full Ht.	\$42.95
7/8"BS8F	8" Dia. Sieve 7/8" B/S Full Ht.	\$42.95	50BS8F	8" Dia. Sieve #50 B/S Full Ht.	\$42.95
3/4"BS8F	8" Dia. Sieve 3/4" B/S Full Ht.	\$42.95	60BS8F	8" Dia. Sieve #60 B/S Full Ht.	\$42.95
5/8"BS8F	8" Dia. Sieve 5/8" B/S Full Ht.	\$42.95	70BS8F	8" Dia. Sieve #70 B/S Full Ht.	\$42.95
.530"BS8F	8" Dia. Sieve 0.530" B/S Full Ht.	\$42.95	80BS8F	8" Dia. Sieve #80 B/S Full Ht.	\$42.95
1/2"BS8F	8" Dia. Sieve 1/2" B/S Full Ht.	\$42.95	100BS8F	8" Dia. Sieve #100 B/S Full Ht.	\$42.95
7/16"BS8F	8" Dia. Sieve 7/16" B/S Full Ht.	\$42.95	120BS8F	8" Dia. Sieve #120 B/S Full Ht.	\$44.50
3/8"BS8F	8" Dia. Sieve 3/8" B/S Full Ht.	\$42.95	140BS8F	8" Dia. Sieve #140 B/S Full Ht.	\$48.50
5/16"BS8F	8" Dia. Sieve 5/16" B/S Full Ht.	\$42.95	170BS8F	8" Dia. Sieve #170 B/S Full Ht.	\$52.95
1/4"BS8F	8" Dia. Sieve 1/4" B/S Full Ht.	\$42.95	200BS8F	8" Dia. Sieve #200 B/S Full Ht.	\$58.95
.265"BS8F	8" Dia. Sieve 0.265" B/S Full Ht.	\$42.95	230BS8F	8" Dia. Sieve #230 B/S Full Ht.	\$66.75
1/8"BS8F	8" Dia. Sieve 1/8" B/S Full Ht.	\$42.95	270BS8F	8" Dia. Sieve #270 B/S Full Ht.	\$79.95
#3.5BS8F	8" Dia. Sieve #3.5 B/S Full Ht.	\$42.95	325BS8F	8" Dia. Sieve #325 B/S Full Ht.	\$98.50
4BS8F	8" Dia. Sieve #4 B/S Full Ht.	\$42.95	400BS8F	8" Dia. Sieve #400 B/S Full Ht.	\$122.50
5BS8F	8" Dia. Sieve #5 B/S Full Ht.	\$42.95	450BS8F	8" Dia. Sieve #450 B/S Full Ht.	\$142.00
6BS8F	8" Dia. Sieve #6 B/S Full Ht.	\$42.95	500BS8F	8" Dia. Sieve #500 B/S Full Ht.	\$154.00
7BS8F	8" Dia. Sieve #7 B/S Full Ht.	\$42.95	635BS8F	8" Dia. Sieve #635 B/S Full Ht.	\$414.25
8BS8F	8" Dia. Sieve #8 B/S Full Ht.	\$42.95	CB8	8" Dia. B/S Cover	\$11.00
10BS8F	8" Dia. Sieve #10 B/S Full Ht.	\$42.95	PB8F	8" Dia. B/S Pan Full Ht.	\$18.20
			PB8HX	8" Dia. B/S Separator Pan	\$23.50

## 8" Wet Wash Sieves #200

Part#	Description	Price
200BS8W4	Wet Wash 8"D x 4"H #200 B/S	\$120.00
200BS8W4BU	Wet Wash 8"D x 4"H #200 B/S with Support Cloth	\$152.50
200BS8W8	Wet Wash 8"D x 8"H #200 B/S	\$143.00
200BS8W8BU	Wet Wash 8"D x 8"H #200 B/S with Support Cloth	\$174.00
H-3942	Wet Wash Sieve 8"D x 4"H with Replaceable Mesh	\$175.00
H-3943	Wet Wash Sieve 8"D x 6"H with Replaceable Mesh	\$190.00
H-3942.200	Replacement #200 Mesh Disk	\$42.00
WT-3	Brass Pan 8" with Drain	\$74.50
SV-9508	8" Stainless Steel Wet Washing Sieve Stand	\$55.00



18" Riddle Sieves available. Inquire at 888.293.2121 or sales@myerstest.com

Other mesh size wet wash sieves available. Inquire at (888)293.2121 or sales@myerstest.com

Prices subject to change without notice. Please call to check current pricing.



All of the 12" brass-stainless sieves meet ASTM E11 and come with a certificate of compliance. **The standard 12" sieves come in full height (3" above the mesh), half height (2" above the mesh), or intermediate height (1 5/8" above the mesh), and are all priced the same. Please specify height when ordering.**

Back up cloths are available for both standard and wet wash sieves. The back up cloth provides support for fine mesh sieves and extends the life in wet-sieving operations. The support cloth is #20 calendered market grade stainless steel unless other wise specified.

For half height sieves substitute an "HS" for the "IS" & for full height sieves substitute an "FH" for the "IS" at the end of the part number.

## 12" Standard Sieves

Part#	Description	Price	Part#	Description	Price
US12-4.25"IS	12" Dia. Sieve 4.25" B/S Intermediate Ht.	\$72.95	US12-12IS	12" Dia. Sieve #12 B/S/ Intermediate Ht.	\$72.95
US12-4"IS	12" Dia. Sieve 4" B/S Intermediate Ht.	\$72.95	US12-14IS	12" Dia. Sieve #14 B/S Intermediate Ht.	\$72.95
US12-3-1/2"IS	12" Dia. Sieve 3-1/2" B/S Intermediate Ht.	\$72.95	US12-16IS	12" Dia. Sieve #16 B/S Intermediate Ht.	\$72.95
US12-2-1/2"IS	12" Dia. Sieve 2-1/2" B/S Intermediate Ht.	\$72.95	US12-18IS	12" Dia. Sieve #18 B/S Intermediate Ht.	\$72.95
US12-2.12"IS	12" Dia. Sieve 2.12" B/S Intermediate Ht.	\$72.95	US12-20IS	12" Dia. Sieve #20 B/S Intermediate Ht.	\$72.95
US12-2"IS	12" Dia. Sieve 2" B/S Intermediate Ht.	\$72.95	US12-25IS	12" Dia. Sieve #25 B/S Intermediate Ht.	\$72.95
US12-1-3/4"IS	12" Dia. Sieve 1-3/4" B/S Intermediate Ht.	\$72.95	US12-30IS	12" Dia. Sieve #30 B/S Intermediate Ht.	\$72.95
US12-1-1/2"IS	12" Dia. Sieve 1-1/2" B/S Intermediate Ht.	\$72.95	US12-35IS	12" Dia. Sieve #35 B/S Intermediate Ht.	\$72.95
US12-1-1/4"IS	12" Dia. Sieve 1-1/4" B/S Intermediate Ht.	\$72.95	US12-40IS	12" Dia. Sieve #40 B/S Intermediate Ht.	\$72.95
US12-1.06"IS	12" Dia. Sieve 1.06" B/S Intermediate Ht.	\$72.95	US12-45IS	12" Dia. Sieve #45 B/S Intermediate Ht.	\$72.95
US12-1"IS	12" Dia. Sieve 1" B/S Intermediate Ht.	\$72.95	US12-50IS	12" Dia. Sieve #50 B/S Intermediate Ht.	\$72.95
US12-7/8"IS	12" Dia. Sieve 7/8" B/S Intermediate Ht.	\$72.95	US12-60IS	12 Dia. Sieve #60 B/S Intermediate Ht.	\$72.95
US12-3/4"IS	12 Dia. Sieve 3/4" B/S Intermediate Ht.	\$72.95	US12-70IS	12" Dia. Sieve #70 B/S Intermediate Ht.	\$72.95
US12-5/8"IS	12" Dia. Sieve 5/8" B/S Intermediate Ht.	\$72.95	US12-80IS	12" Dia. Sieve #80 B/S Intermediate Ht.	\$72.95
US12-.530"IS	12" Dia. Sieve .530" B/S Intermediate Ht.	\$72.95	US12-100IS	12" Dia. Sieve #100 B/S Intermediate Ht.	\$72.95
US12-1/2"IS	12" Dia. Sieve 1/2" B/S Intermediate Ht.	\$72.95	US12-120IS	12" Dia. Sieve #120 B/S Intermediate Ht.	\$78.95
US12-7/16"IS	12" Dia. Sieve 7/16" B/S Intermediate Ht.	\$72.95	US12-140IS	12" Dia. Sieve #140 B/S Intermediate Ht.	\$84.95
US12-5/16"IS	12" Dia. Sieve 5/16" B/S Intermediate Ht.	\$72.95	US12-170IS	12" Dia. Sieve #170 B/S Intermediate Ht.	\$92.00
US12-3/8"IS	12" Dia. Sieve 3/8" B/S Intermediate Ht.	\$72.95	US12-200IS	12" Dia. Sieve #200 B/S Intermediate Ht.	\$99.95
US12-.265"IS	12" Dia. Sieve .265" B/S Intermediate Ht.	\$72.95	US12-200ISW/BU	12" Dia. Sieve #200 B/S Int. Ht w/ BU	\$149.95
US12-1/4"IS	12" Dia. Sieve 1/4" B/S Intermediate Ht.	\$72.95	US12-230IS	12" Dia. Sieve #230 B/S Intermediate Ht.	\$116.75
US12-3-1/2"IS	12" Dia. Sieve 3-1/2" B/S Intermediate Ht.	\$72.95	US12-270IS	12" Dia. Sieve #270 B/S Intermediate Ht.	\$142.50
US12-3.5IS	12" Dia. Sieve #3.5 B/S Intermediate Ht.	\$72.95	US12-325IS	12" Dia. Sieve #325 B/S Intermediate Ht.	\$149.00
US12-4IS	12" Dia. Sieve #4 B/S Intermediate Ht.	\$72.95	US12-400IS	12" Dia. Sieve #400 B/S Intermediate Ht.	\$178.00
US12-5IS	12" Dia. Sieve #5 B/S Intermediate Ht.	\$72.95	US12-450IS	12" Dia. Sieve #450 B/S Intermediate Ht.	\$206.50
US12-6IS	12" Dia. Sieve #6 B/S Intermediate Ht.	\$72.95	US12-500IS	12" Dia. Sieve #500 B/S Intermediate Ht.	\$220.00
US12-7IS	12" Dia. Sieve #7 B/S Intermediate Ht.	\$72.95	US12-635IS	12" Dia. Sieve #635 B/S Intermediate Ht.	\$425.00
US12-8IS	12" Dia. Sieve #8 B/S Intermediate Ht.	\$72.95	SP12-2	12 Dia. Brass Pan Intermediate Ht.	\$36.50
US12-10IS	12" Dia. Sieve #10 B/S Intermediate Ht.	\$72.95	SC-12	12" Dia. Brass Cover	\$35.20
			SSP12-2	12" Dia. Brass Separator Pan Int. Ht.	\$44.00



SV-9512

## 12" Wet Wash Sieves

Part#	Description	Price
WS12X4#200SS	Wet Wash 12"D x 4"H #200 B/S	\$180.00
WS12X4#200SSBU	Wet Wash 12"D x 4"H #200 B/S with Support Cloth	\$236.00
WS12X8#200	Wet Wash 12"D x 8"H #200 B/S	\$210.00
WS12X8#200SSBU	Wet Wash 12"D x 8"H #200 B/S with Support Cloth	\$270.00
SV-9512	12" Stainless Steel Wet Wash Sieve Stand	\$70.00

sales@myerstest.com myerstest.com 888.293.2121



All of the 8" stainless-stainless sieves meet ASTM E11 and come with a certificate of compliance. **The standard 8" sieves come in either full height (2" above the mesh) or half height (1" above the mesh). Both are priced the same. Please specify when ordering.** Back up cloths are available for both standard and wet wash sieves. The back up cloth provides support for fine mesh sieves and extends the life in wet-sieving operations.



**For half height sieves substitute an "H" for the "F" at the end of the part number.**

## 8" Standard Sieves

Part#	Description	Price	Part#	Description	Price
V8SF 4"	8" Dia. Sieve 4" S/S Full Ht.	\$51.50	V8SF #12	8" Dia. Sieve #12 S/S Full Ht.	\$51.50
V8SF 3-1/2"	8" Dia. Sieve 3-1/2" S/S Full Ht.	\$51.50	V8SF #14	8" Dia. Sieve #14 S/S Full Ht.	\$51.50
V8SF 3"	8" Dia. Sieve 3" S/S Full Ht.	\$51.50	V8SF #16	8" Dia. Sieve #16 S/S Full Ht.	\$51.50
V8SF 2-1/2"	8" Dia. Sieve 2-1/2" S/S Full Ht.	\$51.50	V8SF #18	8" Dia. Sieve #18 S/S Full Ht.	\$51.50
V8SF 2.12"	8" Dia. Sieve 2.12" S/S Full Ht.	\$51.50	V8SF #20	8" Dia. Sieve #20 S/S Full Ht.	\$51.50
V8SF 2"	8" Dia. Sieve 2" S/S Full Ht.	\$51.50	V8SF #25	8" Dia. Sieve #25 S/S Full Ht.	\$51.50
V8SF 1-3/4"	8" Dia. Sieve 1-3/4" S/S Full Ht.	\$51.50	V8SF #30	8" Dia. Sieve #30 S/S Full Ht.	\$51.50
V8SF 1-1/2"	8" Dia. Sieve 1-1/2" S/S Full Ht.	\$51.50	V8SF #35	8" Dia. Sieve #35 S/S Full Ht.	\$51.50
V8SF 1-1/4"	8" Dia. Sieve 1-1/4" S/S Full Ht.	\$51.50	V8SF #40	8" Dia. Sieve #40 S/S Full Ht.	\$51.50
V8SF 1"	8" Dia. Sieve 1" S/S Full Ht.	\$51.50	V8SF #45	8" Dia. Sieve #45 S/S Full Ht.	\$51.50
V8SF 7/8"	8" Dia. Sieve 7/8" S/S Full Ht.	\$51.50	V8SF #50	8" Dia. Sieve #50 S/S Full Ht.	\$51.50
V8SF 3/4"	8" Dia. Sieve 3/4" S/S Full Ht.	\$51.50	V8SF #60	8" Dia. Sieve #60 S/S Full Ht.	\$51.50
V8SF 5/8"	8" Dia. Sieve 5/8" S/S Full Ht.	\$51.50	V8SF #70	8" Dia. Sieve #70 S/S Full Ht.	\$51.50
V8SF .530"	8" Dia. Sieve 0.530" S/S Full Ht.	\$51.50	V8SF #80	8" Dia. Sieve #80 S/S Full Ht.	\$51.50
V8SF 1/2"	8" Dia. Sieve 1/2" S/S Full Ht.	\$51.50	V8SF #100	8" Dia. Sieve #100 S/S Full Ht.	\$51.50
V8SF 7/16"	8" Dia. Sieve 7/16" S/S Full Ht.	\$51.50	V8SF #120	8" Dia. Sieve #120 S/S Full Ht.	\$51.50
V8SF 3/8"	8" Dia. Sieve 3/8" S/S Full Ht.	\$51.50	V8SF #140	8" Dia. Sieve #140 S/S Full Ht.	\$56.50
V8SF 5/16"	8" Dia. Sieve 5/16" S/S Full Ht.	\$51.50	V8SF #170	8" Dia. Sieve #170 S/S Full Ht.	\$62.00
V8SF 1/4"	8" Dia. Sieve 1/4" S/S Full Ht.	\$51.50	V8SF #200	8" Dia. Sieve #200 S/S Full Ht.	\$69.00
V8SF .265"	8" Dia. Sieve 0.265" S/S Full Ht.	\$51.50	V8SF #230	8" Dia. Sieve #230 S/S Full Ht.	\$78.50
V8SF 1/8"	8" Dia. Sieve 1/8" S/S Full Ht.	\$51.50	V8SF #270	8" Dia. Sieve #270 S/S Full Ht.	\$94.50
V8SF #3-1/2	8" Dia. Sieve #3.5 S/S Full Ht.	\$51.50	V8SF #325	8" Dia. Sieve #325 S/S Full Ht.	\$116.50
V8SF #4	8" Dia. Sieve #4 S/S Full Ht.	\$51.50	V8SF #400	8" Dia. Sieve #400 S/S Full Ht.	\$135.00
V8SF #5	8" Dia. Sieve #5 S/S Full Ht.	\$51.50	V8SF #450	8" Dia. Sieve #450 S/S Full Ht.	\$156.50
V8SF #6	8" Dia. Sieve #6 S/S Full Ht.	\$51.50	V8SF #500	8" Dia. Sieve #500 S/S Full Ht.	\$183.00
V8SF #7	8" Dia. Sieve #7 S/S Full Ht.	\$51.50	V8SF #635	8" Dia. Sieve #635 S/S Full Ht.	\$442.00
V8SF #8	8" Dia. Sieve #8 S/S Full Ht.	\$51.50	V8SFXPN	8" Dia. Stainless Steel Pan Full Ht.	\$26.00
V8SF #10	8" Dia. Sieve #10 S/S Full Ht.	\$51.50	V8SFXCV	8" Dia. Stainless Steel Cover Full Ht.	\$14.00
			V8SFXPE	8" Dia. Stainless Steel Separator Pan	\$31.50



All of the 12" stainless steel sieves meet ASTM E11 and come with a certificate of compliance. **The standard 12" sieves come in full height (3" above the mesh), half height (2" above the mesh), or intermediate height (1 5/8" above the mesh), and are all priced the same. Please specify when ordering.**

Back up cloths are available for both standard and wet wash sieves. The back up cloth provides support for fine mesh sieves and extends the life in wet-sieving operations.

**For half height sieves substitute an "H" for the "I" & for full height sieves substitute an "F" for the "I" in the part number.**

## 12" Standard Sieves

Part#	Description	Price	Part#	Description	Price
V12SI 4"	12" Dia. Sieve 4" S/S Intermediate Ht.	\$92.50	V12SI #12	12" Dia. Sieve #12 S/S Intermediate Ht.	\$92.50
V12SI 3-1/2"	12" Dia. Sieve 3-1/2" S/S Intermediate Ht.	\$92.50	V12SI #14	12" Dia. Sieve #14 S/S Intermediate Ht.	\$92.50
V12SI 3"	12" Dia. Sieve 3" S/S Intermediate Ht.	\$92.50	V12SI #16	12" Dia. Sieve #16 S/S Intermediate Ht.	\$92.50
V12SI 2-1/2"	12" Dia. Sieve 2-1/2" S/S Intermediate Ht.	\$92.50	V12SI #18	12" Dia. Sieve #18 S/S Intermediate Ht.	\$92.50
V12SI 2.12"	12" Dia. Sieve 2.12" S/S Intermediate Ht.	\$92.50	V12SI #20	12" Dia. Sieve #20 S/S Intermediate Ht.	\$92.50
V12SI 2"	12" Dia. Sieve 2" S/S Intermediate Ht.	\$92.50	V12SI #25	12" Dia. Sieve #25 S/S Intermediate Ht.	\$92.50
V12SI 1-3/4"	12" Dia. Sieve 1-3/4" S/S Intermediate Ht.	\$92.50	V12SI #30	12" Dia. Sieve #30 S/S Intermediate Ht.	\$92.50
V12SI 1-1/2"	12" Dia. Sieve 1-1/2" S/S Intermediate Ht.	\$92.50	V12SI #35	12" Dia. Sieve #35 S/S Intermediate Ht.	\$92.50
V12SI 1-1/4"	12" Dia. Sieve 1-1/4" S/S Intermediate Ht.	\$92.50	V12SI #40	12" Dia. Sieve #40 S/S Intermediate Ht.	\$92.50
V12SI 1"	12" Dia. Sieve 1" S/S Intermediate Ht.	\$92.50	V12SI #45	12" Dia. Sieve #45 S/S Intermediate Ht.	\$92.50
V12SI 7/8"	12" Dia. Sieve 7/8" S/S Intermediate Ht.	\$92.50	V12SI #50	12" Dia. Sieve #50 S/S Intermediate Ht.	\$92.50
V12SI 3/4"	12" Dia. Sieve 3/4" S/S Intermediate Ht.	\$92.50	V12SI #60	12" Dia. Sieve #60 S/S Intermediate Ht.	\$92.50
V12SI 5/8"	12" Dia. Sieve 5/8" S/S Intermediate Ht.	\$92.50	V12SI #70	12" Dia. Sieve #70 S/S Intermediate Ht.	\$92.50
V12SI .530"	12" Dia. Sieve 0.530" S/S Intermediate Ht.	\$92.50	V12SI #80	12" Dia. Sieve #80 S/S Intermediate Ht.	\$92.50
V12SI 1/2"	12" Dia. Sieve 1/2" S/S Intermediate Ht.	\$92.50	V12SI #100	12" Dia. Sieve #100 S/S Intermediate Ht.	\$92.50
V12SI 7/16"	12" Dia. Sieve 7/16" S/S Intermediate Ht.	\$92.50	V12SI #120	12" Dia. Sieve #120 S/S Intermediate Ht.	\$92.50
V12SI 3/8"	12" Dia. Sieve 3/8" S/S Intermediate Ht.	\$92.50	V12SI #140	12" Dia. Sieve #140 S/S Intermediate Ht.	\$98.50
V12SI 5/16"	12" Dia. Sieve 5/16" S/S Intermediate Ht.	\$92.50	V12SI #170	12" Dia. Sieve #170 S/S Intermediate Ht.	\$104.00
V12SI 1/4"	12" Dia. Sieve 1/4" S/S Intermediate Ht.	\$92.50	V12SI #200	12" Dia. Sieve #200 S/S Intermediate Ht.	\$108.50
V12SI .265"	12" Dia. Sieve 0.265" S/S Intermediate Ht.	\$92.50	V12SI #230	12" Dia. Sieve #230 S/S Intermediate Ht.	\$117.00
V12SI 1/8"	12" Dia. Sieve 1/8" S/S Intermediate Ht.	\$92.50	V12SI #270	12" Dia. Sieve #270 S/S Intermediate Ht.	\$147.00
V12SI #3-1/2	12" Dia. Sieve #3.5 S/S Intermediate Ht.	\$92.50	V12SI #325	12" Dia. Sieve #325 S/S Intermediate Ht.	\$166.00
V12SI #4	12" Dia. Sieve #4 S/S Intermediate Ht.	\$92.50	V12SI #400	12" Dia. Sieve #400 S/S Intermediate Ht.	\$194.00
V12SI #5	12" Dia. Sieve #5 S/S Intermediate Ht.	\$92.50	V12SI #450	12" Dia. Sieve #450 S/S Intermediate Ht.	\$212.00
V12SI #6	12" Dia. Sieve #6 S/S Intermediate Ht.	\$92.50	V12SI #500	12" Dia. Sieve #500 S/S Intermediate Ht.	\$248.50
V12SI #7	12" Dia. Sieve #7 S/S Intermediate Ht.	\$92.50	V12SI #635	12" Dia. Sieve #635 S/S Intermediate Ht.	\$487.00
V12SI #8	12" Dia. Sieve #8 S/S Intermediate Ht.	\$92.50	V12SFXPN	12" Dia. Stainless Steel Pan Full Ht.	\$55.00
V12SI #10	12" Dia. Sieve #10 S/S Intermediate Ht.	\$92.50	V12SFXCV	12" Dia. Stainless Steel Cover	\$26.00
			V12SIXPE	12" Dia. Stainless Steel Separator Pan	\$62.50

## 8" Wet Wash Sieves

Part#	Description	Price
WT-84S #200	Wet Wash 8"D x 4"H #200 S/S	\$176.50
WT-84S #200 BU	Wet Wash 8"D x 4"H #200 S/S with Support Cloth	\$201.50
WT-88S #200	Wet Wash 8"D x 8"H #200 S/S	\$176.50
WT-88S #200 BU	Wet Wash 8"D x 8"H #200 S/S with Support Cloth	\$201.50

## Cement Wet Wash Sieve

Part#	Description	Price
H-3807	Cement Wet Wash Sieve #325, 2"D x 3"H	\$104.00
H-3807.325	Cement Wet Wash Sieve #325 Replacement Mesh	\$18.60



H-3807.325



H-3807

## 12" Wet Wash Sieves

Part#	Description	Price
WT-128S #200	Wet Wash 12"D x 8"H #200 S/S	\$197.00
WT-128S #200 BU	Wet Wash 12"D x 8"H #200 S/S with Support Cloth	\$222.00



**Sieve Storage Rack**



The sieve storage rack holds all diameters of sieves up to 12". The stainless steel rack has non-skid rubber feet and is supplied with two permanent and two adjustable rubber-coated sieve support rods. The unit accommodates 20 full height (40 half height) 8" sieves, 12 full height (24 half height) 12" sieves, or 40 full height 3" sieves. Sizes may also be mixed, and be as small as 3" diameter.

**SSA-803 Sieve Storage Rack \$185.00**

**Ultrasonic Sieve Cleaner 8" Sieves & Smaller**

The ultrasonic sieve cleaner is sized for full immersion cleaning of 8" and smaller sieves. The generating unit is separate from the stainless steel liquid tank to allow safe and convenient setup.

- Tank: 12"L x 10"W x 9"H
- Generator: 14"L x 12"W x 7"H
- Ultrasonic Frequency: 80kHz
- On/Off Push Button
- Threaded Inlet/Outlet Drain Connections
- Included Sieve Holder Rack



**UB-1 Ultrasonic Sieve Cleaner, 8" Sieves or Smaller \$1,975.00**

**UBA-1 Additional Sieve Holder Rack \$119.50**

**Ultrasonic Sieve Cleaner 8" & 12" Sieves**



The ultrasonic sieve cleaner is used for full immersion cleaning of four full-height or six half-height 8" sieves, or partial-immersion cleaning of two full or intermediate height 12" sieves. The generator features microprocessor circuitry, 0 to 30 minute timer and cooling fan. The vinyl clad stainless steel tank is equipped with a drain valve. The unit includes one sieve holding rack.

**UB-18 Ultrasonic Sieve Cleaner for 8" & 12" Sieves \$3,995.00**

**Detergent Concentrate**

Concentrated, non-ammoniated detergent expedites cleaning of all sieves in Ultrasonic Cleaners. Safe for all meshes.

**UBA-4 Ultrasonic Detergent Concentrate, 1 Gal \$65.00**



**Clean-N-Stor**

The Clean-N-Stor is a stand-alone unit that can be positioned directly over an electronic balance so sieve fractions can be weighed as the sieve is being cleaned. Inverting an 8" sieve on the stainless steel funnel allows quick emptying and cleaning of contents into a receiving scoop or pan. A sieve stack can also be stored on top of the funnel. A scoop and soft-bristle cleaning brush are included with all models.



**SSA-802 Clean-N-Stor with Brush & Scoop \$230.00**

**Wall Mount Sieve Racks**



The wall mount holds sieves on edge in eleven individual 3" wide compartments (adjustable mount has slots every 1/2"), each holding one full-height or two half-height sieves. Compartment bottoms are neoprene lined and inclined to keep sieves in place. Construction is all stainless steel. Holes are provided for mounting on 16" centers and for bolting racks together vertically and/or horizontally. The rack has rubber feet for optional desk or counter top use. The bottom front flange has a 1.25" high area to label slots for sieve sizes.

**SSA-820 Wall Mount 8" Sieve Rack \$450.00**

**SSA-822 Adjustable Wall Mount 12" Sieve Rack \$565.50**

**Ultrasonic Sieve Cleaner 12" Sieves**

The ultrasonic sieve cleaner is sized for full immersion cleaning of 12" sieves. The generating unit is separate from the stainless steel liquid tank to allow safe and convenient setup.

- Tank: 20"L x 12"W x 14"H
- Generator: 14"L x 12"W x 7"H
- Ultrasonic Frequency: 80kHz
- On/Off Push Button
- Threaded Inlet/Outlet Drain Connections



**UB-5 Ultrasonic Sieve Cleaner, 12" Sieves \$3,320.00**

**Round Mouth Scoops**

- The 38oz. scoop is the ideal size for slump testing
- The 24oz. scoop is ideal for 4" x 8" cylinder testing

**ACM-34M Round Mouth Scoop 38oz. \$9.00**

**ACM-34S Round Mouth Scoop 24oz. \$7.50**

**ACM-34L Round Mouth Scoop 58oz. \$12.50**

**ACM-34SS Round Mouth Scoop 12oz. \$5.00**



**Flat Bottom Scoops**

The flat bottom scoops are ideal for scooping greater amounts of material especially when scooping from a flat surface.

**FBS-16 Flat Bottom Scoop 16oz. \$8.00**

**FBS-38 Flat Bottom Scoop 38oz. \$12.00**



**Fine Sieve Brush**

The fine sieve cleaning brush is ideal for cleaning No. 16 and finer sieves.

- Soft Bristles
- Nickeled Steel Ferrule
- Lacquered Wood Handle
- 1-1/4" Dia. x 5-3/4"L



**TSA-170 Fine Sieve Brush \$12.95**

**Wire Loop Brush**



The wire loop brush is a 1-1/4" wide fan type brush with 1-5/8" long metal bristles and a wire loop handle. The 4-3/4" long brush is designed for use on coarse wire cloth.

**TSA-173 Wire Loop Brush \$3.25**

**Sampling Spoon**



The 13" stainless steel sampling spoon is used for mixing, digging, and transferring soils and aggregate.

**HMA-304 Sampling Spoon \$4.00**

**Automagnet Separator**

The automagnet separator is a powerful sealed alnico v-six pole permanent magnet in a lightweight aluminum case. The unit has a simple spring plunger that performs a hold-and-release action to extract magnetic material in dry or partially wet samples.

**SP-90 Automagnet Separator \$112.50**



**Magnifying Comparator**

The magnifying comparator is ideal for use in examining sieve mesh for size verification, as well as general inspection for damage. The instrument is supplied with four interchangeable scales.

**H-2813 Magnifying Comparator \$105.00**



**Spray Bottle**

The spray bottle is used in wet sieving. It has a 24oz. capacity and adjustable nozzle.

**SB-24 Spray Bottle \$5.00**

**SB-24-4 Spray Bottle 4/pk \$16.50**



**Coarse Sieve Brush**



The coarse sieve cleaning brush is perfect for No. 30 and coarser wire cloth in round sieves. It has an 8-1/2" curved plastic handle with 1-1/2" x 1-3/4" slanted brass wire bristles.

**TSA-172 Coarse Sieve Brush \$6.75**

**Sieving Aid**



Sieving aid is a very fine, high purity silicon dioxide powder. When mixed with fine samples (2% by weight is typical), the aid keeps material free-flowing and prevents agglomeration from static attraction or high humidity. It also acts as a dehydrating agent for samples. Using the sieving aid does not affect sieving results, because of its extremely low bulk density. One liter of the formula is sufficient for over 100 sieving tests. It has a typical dry purity of 99.6% SiO<sub>2</sub>.

**SSA-58 Sieving Aid 1 Liter \$18.00**

**SSA-58C Sieving Aid 1 Liter, 5/pk \$74.00**

**Brass Spray Fitting**



The brass spray fitting is used with wet wash sieves. The fitting threads directly onto standard lab faucets and an adapter for smaller, unthreaded faucets is included. It is rated at 2 gallons (7.6L) per minute.

**WT-7 Brass Spray Fitting \$21.50**

**Wet Washing Sieve Apparatus**

*ASTM C430, D1514; AASHTO T192*



The wet washing sieves apparatus controls spray and water pressure per ASTM and AASHTO standards. The unit includes a valve, pressure gauge, piping and spray nozzle.

**H-3806 Wet Washing Sieve Apparatus \$114.00**

**H-3808 Replacement Spray Nozzle \$42.00**

**H-3806.1 Replacement Gauge \$37.60**

### Hydraulic Clamping Screen Shaker

Gilson's Hydraulic Clamp Screen Shaker is ideal for particle size determinations on large samples of aggregate and other coarse materials. Batch sizes up to one cubic foot or more can be processed into six fractions in as little as 3-5 minutes, depending on material type. Vibration and amplitude characteristics are fixed at optimum performance for mineral aggregates in the 4" to No. 4 size range. Options and accessories are available to optimize machine performance when testing finer samples or special materials. The standard screen shaker can be used to process material all the way down to No. 200 if less efficient separations are acceptable.



- Tray Capacity: 6
- Overall Tray Size: 18"W x 26"L
- Motor: 1/2 HP Capacitor Type
- Dimensions: 23"W x 31"D x 43"H
- Trays Sold Separately

**TS-1 Gilson Hydraulic Clamping Screen Shaker \$3,435.00**

### Manual Clamping Screen Shaker

Gilson's Manual Clamp Screen Shaker is ideal for particle size determinations on large samples of aggregate and other coarse materials. Batch sizes up to one cubic foot or more can be processed into six fractions in as little as 3-5 minutes, depending on material type. Vibration and amplitude characteristics are fixed at optimum performance for mineral aggregates in the 4" to No. 4 size range. Options and accessories are available to optimize machine performance when testing finer samples or special materials. The standard screen shaker can be used to process material all the way down to No. 200 if less efficient separations are acceptable.



- Tray Capacity: 6
- Overall Tray Size: 18"W x 26"L
- Motor: 1/2 HP Capacitor Type
- Dimensions: 23"W x 31"D x 43"H
- Trays Sold Separately

**TS-2 Gilson Manual Clamping Screen Shaker \$3,070.00**

### Hydraulic Clamping Screen Shaker with Additional Tray Slot

Gilson's Hydraulic Clamp Screen Shaker is ideal for particle size determinations on large samples of aggregate and other coarse materials. Batch sizes up to one cubic foot or more can be processed into six fractions in as little as 3-5 minutes, depending on material type. Vibration and amplitude characteristics are fixed at optimum performance for mineral aggregates in the 4" to No. 4 size range. Options and accessories are available to optimize machine performance when testing finer samples or special materials. The standard screen shaker can be used to process material all the way down to No. 200 if less efficient separations are acceptable.



- Tray Capacity: 7
- Overall Tray Size: 18"W x 26"L
- Motor: 1/2 HP Capacitor Type
- Dimensions: 23.4"W x 31.4"D x 47.4"H
- Trays Sold Separately

**TS-3 Gilson Screen Shaker with Addition Tray Slot \$4,293.50**

### Rocker Screen Set

The rocker screen set includes a 12" square steel frame designed for interchangeable wire cloth and bottom pan. Stainless steel wire cloth squares are held in place by two bolted side clamps with wing nuts. When the unit is not in use, all squares can be clamped into the frame for carrying or storing. Both the frame and rocker bottom have handles for rocking and carrying.



**SS-35 Rocker Screen Set \$225.00**

### Porta-Screen® Shaker 5 Tray Capacity

Gilson's Porta-Screen® has long been the accepted portable screen for quality control of construction aggregates at asphalt and ready mix plants. Porta-Screens are designed for performance durability, yet are light enough to move with ease. It is designed for best separation in the 2" to No. 16 range, but it is often used to sieve materials to No. 200. Capacity depends on test material characteristics, but may range up to 60 lbs per test. The PS-3 Porta-Screen holds 5 screen trays and a pan. The vibration is mechanically counterbalanced for smooth, stable operation with no mounting required. Its built-in, UL-approved timer has an LED display of remaining test time and issues a 5 second audible alarm at zero. The timer resets to repeat times which can be programmed up to 99 minutes, 59 seconds.



- Counterbalanced mechanism for smooth operation
- Portable and easy to relocate for mobile applications
- Easy to handle smaller, square screens

**PS-3 Gilson Porta-Screen® (5 Tray Capacity) \$3,090.00**

### Test-Master® Screen Shaker

Gilson's Test-Master® Screen Shaker delivers accurate particle size separations for large samples and features an easily controlled, integrated hopper for easier introduction of sample material. Vertically hinged front panel doors offer improved access and clearance while reducing nuisance dust. Internal rotating counterweights of the Test-Master® drive system equalize the vertical screening action for smooth, quiet operation. Standard vibration characteristics are designed for coarse materials of mid-range density such as limestone or gravel aggregates.

The 1.6ft<sup>3</sup> hopper is hinged at the rear and allows the sample to be introduced incrementally as the machine is running. When the hopper is closed, a panel blocks dust from escaping through the opening. A built-in, electronic digital controller has an LED display of time remaining and produces an audible tone at the end of the test cycle. Test cycles lasting up to 99 minutes, 59 seconds can be programmed and cycles may be interrupted without loss of test time. An ergonomically operated foot-pedal easily controls the hydraulic clamping and pressure release system for the screen trays.



**TM-5 Test-Master® (6 Tray Capacity) \$6,339.95**

**TM-6 Test-Master® (7 Tray Capacity) \$6,640.95**

### Porta-Screen® Shaker 7 Tray Capacity



Gilson's Porta-Screen® has long been the accepted portable screen for quality control of construction aggregates at asphalt and ready mix plants. Porta-Screens are designed for performance durability, yet are light enough to move with ease. It is designed for best separation in the 2" to No. 16 range, but it is often used to sieve materials to No. 200. Capacity depends on test material characteristics, but may range up to 60 lbs per test. The PS-4 Porta-Screen holds 7 screen trays and a pan. The vibration is mechanically counterbalanced for smooth, stable operation with no mounting required. Its built-in, UL-approved timer has an LED display of remaining test time and issues a 5 second audible alarm at zero. The timer resets to repeat times which can be programmed up to 99 minutes, 59 seconds.

- Counterbalanced mechanism for smooth operation
- Portable and easy to relocate for mobile applications
- Easy to handle smaller, square screens

**PS-4 Gilson Porta-Screen® (7 Tray Capacity) \$3,320.00**

## Screen Trays for TS-1, TS-2, TS-5, TS-6

### TSA-100 Trays (4"-#4)

Part#	Description	Price
TSA-99 5"	Screen Tray 5" Cloth	\$336.30
TSA-100 4"	Screen Tray 4" Cloth	\$168.50
TSA-100 3-1/2"	Screen Tray 3-1/2" Cloth	\$168.50
TSA-100 2-1/2"	Screen Tray 2-1/2" Cloth	\$168.50
TSA-100 2"	Screen Tray 2" Cloth	\$168.50
TSA-100 1-3/4"	Screen Tray 1-3/4" Cloth	\$168.50
TSA-100 1-1/2"	Screen Tray 1-1/2" Cloth	\$168.50
TSA-100 1-1/4"	Screen Tray 1-1/4" Cloth	\$168.50
TSA-100 1"	Screen Tray 1" Cloth	\$168.50
TSA-100 3/4"	Screen Tray 3/4" Cloth	\$168.50
TSA-100 1/2"	Screen Tray 1/2" Cloth	\$168.50
TSA-100 1/4"	Screen Tray 1/4" Cloth	\$168.50
TSA-100 7/8"	Screen Tray 7/8" Cloth	\$168.50
TSA-100 5/8"	Screen Tray 5/8" Cloth	\$168.50
TSA-100 3/8"	Screen Tray 3/8" Cloth	\$168.50
TSA-100 7/16"	Screen Tray 7/16" Cloth	\$168.50
TSA-100 5/16"	Screen Tray 5/16" Cloth	\$168.50
TSA-100 #4	Screen Tray #4 Cloth	\$168.50

### TSA-101 Trays (#5-#14)

Part#	Description	Price
TSA-101 #5	Screen Tray #5 Cloth	\$263.15
TSA-101 #6	Screen Tray #6 Cloth	\$201.50
TSA-101 #7	Screen Tray #7 Cloth	\$201.50
TSA-101 #8	Screen Tray #8 Cloth	\$201.50
TSA-101 #10	Screen Tray #10 Cloth	\$201.50
TSA-101 #12	Screen Tray #12 Cloth	\$201.50
TSA-101 #14	Screen Tray #14 Cloth	\$201.50

### TSA-102 Trays (#16-#100)

Part#	Description	Price
TSA-102 #16	Screen Tray #16 Cloth	\$201.50
TSA-102 #18	Screen Tray #18 Cloth	\$201.50
TSA-102 #20	Screen Tray #20 Cloth	\$201.50
TSA-102 #25	Screen Tray #25 Cloth	\$201.50
TSA-102 #30	Screen Tray #30 Cloth	\$201.50
TSA-102 #35	Screen Tray #35 Cloth	\$201.50
TSA-102 #40	Screen Tray #40 Cloth	\$201.50
TSA-102 #45	Screen Tray #45 Cloth	\$201.50
TSA-102 #50	Screen Tray #50 Cloth	\$201.50
TSA-102 #60	Screen Tray #60 Cloth	\$201.50
TSA-102 #70	Screen Tray #70 Cloth	\$201.50
TSA-102 #80	Screen Tray #80 Cloth	\$201.50
TSA-102 #100	Screen Tray #100 Cloth	\$201.50

Independently removable screen trays are available in a wide range of opening sizes with standard specification cloth or punched steel plate. The screen cloth is replaceable, ensuring long life and inexpensive maintenance of trays. Each tray features a generous 14.75" x 22.75" clear screen area. All test screens meet ASTM D4749, E11, E323 and AASHTO M92.



### TSA-103 Trays (#120-#400)

Part#	Description	Price
TSA-103 #120	Screen Tray #120 Cloth	\$205.00
TSA-103 #140	Screen Tray #140 Cloth	\$205.00
TSA-103 #170	Screen Tray #170 Cloth	\$205.00
TSA-103 #200	Screen Tray #200 Cloth	\$219.95
TSA-103 #230	Screen Tray #230 Cloth	\$256.50
TSA-103 #270	Screen Tray #270 Cloth	\$261.50
TSA-103 #325	Screen Tray #325 Cloth	\$301.95
TSA-103 #400	Screen Tray #400 Cloth	\$456.95

### TSA-110 Trays (#3-1/2-4.24")

Part#	Description	Price
TSA-110 #3-1/2	Screen Tray #3-1/2 Cloth	\$257.95
TSA-110 .265"	Screen Tray .265" Cloth	\$257.95
TSA-110 .530"	Screen Tray .530" Cloth	\$257.95
TSA-110 1.06"	Screen Tray 1.06" Cloth	\$257.95
TSA-110 2.12"	Screen Tray 2.12" Cloth	\$257.95
TSA-110 4.24"	Screen Tray 4.24" Cloth	\$206.65

### Dustpans

Part#	Description	Price
TSA-112	Standard Dustpan	\$70.00
TSA-112S	4" Deep Dustpan	\$134.00
TSA-114	3" Deep Dustpan	\$205.00

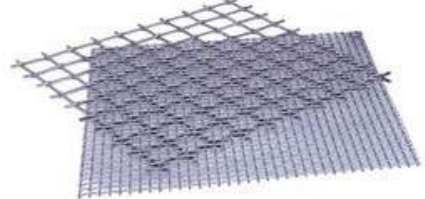
### Blank Trays

Part#	Description	Price
TSA-136	Screen Tray without Cloth, #4 & Coarser	\$90.00
TSA-137	Screen Tray without Cloth, #5 & Finer	\$90.00

Screen Cloths

All Screen Tray Cloths are stainless steel and cut to fit exactly inside a TS-1 or TS-2 Screen Tray. All trays meet ASTM E11.

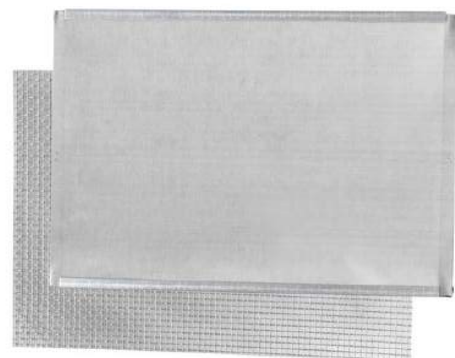
The ASTM E11 Rocker Screen Cloths are pre-cut, interchangeable 12" squares to fit the frame of the SS-35, Rocker Screen. Screen squares are secured with side clamps and wing nuts, and extra screens may be stored in the frame between uses.



TSA-125 Cloths (4"-#4)		
Part#	Description	Price
TSA-125 4"	Screen Cloth 4"	\$86.00
TSA-125 3-1/2"	Screen Cloth 3-1/2"	\$86.00
TSA-125 2-1/2"	Screen Cloth 2-1/2"	\$86.00
TSA-125 2"	Screen Cloth 2"	\$86.00
TSA-125 1-3/4"	Screen Cloth 1-3/4"	\$86.00
TSA-125 1-1/2"	Screen Cloth 1-1/2"	\$86.00
TSA-125 1-1/4"	Screen Cloth 1-1/4"	\$86.00
TSA-125 1"	Screen Cloth 1"	\$86.00
TSA-125 3/4"	Screen Cloth 3/4"	\$86.00
TSA-125 1/2"	Screen Cloth 1/2"	\$86.00
TSA-125 1/4"	Screen Cloth 1/4"	\$86.00
TSA-125 7/8"	Screen Cloth 7/8"	\$86.00
TSA-125 5/8"	Screen Cloth 5/8"	\$86.00
TSA-125 3/8"	Screen Cloth 3/8"	\$86.00
TSA-125 7/16"	Screen Cloth 7/16"	\$86.00
TSA-125 5/16"	Screen Cloth 5/16"	\$86.00
TSA-125 #4	Screen Cloth #4	\$86.00

TSA-126A Cloths (#5-#14)		
Part#	Description	Price
TSA-126A #5	Screen Cloth #5	\$185.00
TSA-126A #6	Screen Cloth #6	\$185.00
TSA-126A #7	Screen Cloth #7	\$185.00
TSA-126A #8	Screen Cloth #8	\$109.95
TSA-126A #10	Screen Cloth #10	\$109.95
TSA-126A #12	Screen Cloth #12	\$109.95
TSA-126A #14	Screen Cloth #14	\$109.95

TSA-126B Cloths (#16-#100)		
Part#	Description	Price
TSA-126B #16	Screen Cloth #16	\$109.95
TSA-126B #18	Screen Cloth #18	\$109.95
TSA-126B #20	Screen Cloth #20	\$113.95
TSA-126B #25	Screen Cloth #25	\$113.95
TSA-126B #30	Screen Cloth #30	\$113.95
TSA-126B #35	Screen Cloth #35	\$113.95
TSA-126B #40	Screen Cloth #40	\$113.95
TSA-126B #45	Screen Cloth #45	\$113.95
TSA-126B #50	Screen Cloth #50	\$113.95
TSA-126B #60	Screen Cloth #60	\$113.95
TSA-126B #70	Screen Cloth #70	\$113.95
TSA-126B #80	Screen Cloth #80	\$113.95
TSA-126B #100	Screen Cloth #100	\$113.95



TSA-132 Cloths (#3-1/2-4.24")		
Part#	Description	Price
TSA-132 #3-1/2	Screen Cloth #3-1/2	\$175.75
TSA-132 .265"	Screen Cloth .265"	\$175.75
TSA-132 .530"	Screen Cloth .530"	\$175.75
TSA-132 1.06"	Screen Cloth 1.06"	\$175.75
TSA-132 2.12"	Screen Cloth 2.12"	\$175.75
TSA-132 4.24"	Screen Cloth 4.24"	\$175.75

TSA-140 Cloths (#120-#400)		
Part#	Description	Price
TSA-140 #120	Screen Cloth #120	\$113.95
TSA-140 #140	Screen Cloth #140	\$113.95
TSA-140 #170	Screen Cloth #170	\$113.95
TSA-140 #200	Screen Cloth #200	\$128.50
TSA-140 #230	Screen Cloth #230	\$165.00
TSA-140 #270	Screen Cloth #270	\$170.50
TSA-140 #325	Screen Cloth #325	\$210.75
TSA-140 #400	Screen Cloth #400	\$365.75

Rocker Screen Cloths								
Part#	Description	Price	Part#	Description	Price			
SSA-351 4"	Screen Cloth 4"	\$30.00	SSA-351 1/2"	Screen Cloth 1/2"	\$30.00	SSA-351 #6	Screen Cloth #6	\$41.50
SSA-351 3-1/2"	Screen Cloth 3-1/2"	\$42.00	SSA-351 7/8"	Screen Cloth 7/8"	\$42.00	SSA-351 #7	Screen Cloth #7	\$41.50
SSA-351 3"	Screen Cloth 3"	\$42.00	SSA-351 .530"	Screen Cloth .530"	\$42.00	SSA-355 #8	Screen Cloth #8	\$19.00
SSA-351 2-1/2"	Screen Cloth 2-1/2"	\$42.00	SSA-351 7/16"	Screen Cloth 7/16"	\$42.00	SSA-355 #10	Screen Cloth #10	\$19.00
SSA-351 2"	Screen Cloth 2"	\$42.00	SSA-351 3/8"	Screen Cloth 3/8"	\$42.00	SSA-355 #12	Screen Cloth #12	\$19.00
SSA-351 1-3/4"	Screen Cloth 1-3/4"	\$42.00	SSA-351 5/16"	Screen Cloth 5/16"	\$42.00	SSA-355 #14	Screen Cloth #14	\$19.00
SSA-351 1-1/2"	Screen Cloth 1-1/2"	\$42.00	SSA-351 .265"	Screen Cloth .265"	\$42.00	SSA-355 #16	Screen Cloth #16	\$19.00
SSA-351 1-1/4"	Screen Cloth 1-1/4"	\$42.00	SSA-351 1/4"	Screen Cloth 1/4"	\$42.00	SSA-355 #18	Screen Cloth #18	\$19.00
SSA-351 1"	Screen Cloth 1"	\$42.00	SSA-351 1/8"	Screen Cloth 1/8"	\$30.00	SSA-355 #20	Screen Cloth #20	\$19.00
SSA-351 1.06"	Screen Cloth 1.06"	\$42.00	SSA-351 #3-1/2	Screen Cloth #3-1/2	\$41.50	SSA-355 #40	Screen Cloth #40	\$19.00
SSA-351 3/4"	Screen Cloth 3/4"	\$42.00	SSA-351 #4	Screen Cloth #4	\$41.50	SSA-355 #100	Screen Cloth #100	\$19.00
SSA-351 5/8"	Screen Cloth 5/8"	\$42.00	SSA-351 #5	Screen Cloth #5	\$30.00			

For screen shaker repair parts please inquire at 888.293.2121 or sales@myerstest.com

Screen Tray Rack

The screen tray rack provides organized storage for up to seven TSA screen trays while protecting tray flanges and wire cloth from possible damage. Sturdy 24" high enameled steel sections fit on top of or below most lab bench tops and can be bolted together for stacking. Assembly required.



TSA-156 Screen Tray Rack \$184.00

Door Enclosure

The door enclosure is a lightweight, easily removable door panel for TS-1 and TS-2 testing screens. It is designed to minimize dust and noise. The sturdy fiberboard door has a full-width hinge and sound-deadening liner to cover the top and front openings. It is held in place with permanent magnets. Specify testing screen serial number when ordering to ensure proper fit.



TSA-157 Door Enclosure \$165.00

Hydraulic Clamping Conversion Kit



The hydraulic clamping conversion kit converts the threaded manual clamping of the TS-2 to the fast-acting hydraulic system of the TS-1. Time and effort for each test cycle are reduced and clamping pressure is automatically equalized between the two sides. The kit includes pump, cylinders, rods, bearings and other necessary parts, along with a drilling template and instructions.

TSA-155 Hydraulic Clamping Kit (Serial # lower than 13825) \$810.00

TSA-159 Hydraulic Clamping Kit (Serial # higher than 13825) \$810.00

Clean-N-Weigh



The sturdy, painted steel Clean-N-Weigh provides a fast and convenient method of cleaning and collecting contents of screen trays for weighing of separated fractions. Loaded screen trays are inverted and cleaned on top of the unit and specimen is collected in the included chute-end handling pan below. The pan can also be positioned on an electronic balance for instant display or data collection of cumulative weights. The unit comes complete with adjustable shelf and leveling feet.

TSA-167 Clean-N-Weigh \$310.00

Sound Enclosure



The sound enclosure is a sturdy, painted-steel cabinet lined with 1" thick sound attenuating foam. The enclosure is designed for use with the TS-1 and TS-2 shakers, but can also be used with other laboratory equipment. Full-width doors and top are hinged for easy access to equipment.

TSA-180 Sound Enclosure \$1,660.00

30 Minute Timer



The simple, spring-wound 30 minute timer can be set using the dial knob at the desired interval. The power cuts off when the knob returns to zero. A timed device plugs into the back of the timer. The unit is constructed of black plastic and has a satin chrome dial with black numerals. The timer is fully grounded for single phase 115V/60Hz operation up to 1,800 Watts.

TSA-190 30 Minute Timer \$97.50

Chute-End Handling Pan

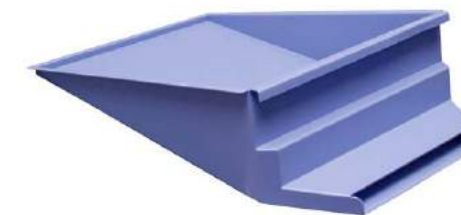


The 39 qt. handling pan is used on the bottom of the Clean-N-Weigh to collect samples. The pan is constructed of steel and has outside dimensions of 15"W x 30"D x 4"H.

TSA-162 Chute-End Handling Pan, 39 Qt. \$75.00

TSA-163 Chute-End Handling Pan, 17 Qt. \$71.50

Inclined Chute Pan



The inclined chute pan allows fine particles to be drawn off continuously into an external pan or bag. The pan can be used with the TS-1 and TS-2 shakers. Using the inclined chute pan eliminates one screen tray slot from the maximum screen tray capacity.

TSA-117 Inclined Chute Pan \$220.00



## Screen Trays

Independently removable porta-screen trays are available in a wide range of opening sizes with ASTM E11 specification cloth. The screen cloth is replaceable, insuring long life and inexpensive maintenance of trays.



PSA-299 Trays (#3-1/2-1.06")		
Part#	Description	Price
PSA-299 #3-1/2	Porta-Screen Tray #3-1/2	\$232.25
PSA-299 .265"	Porta-Screen Tray .265"	\$232.25
PSA-299 .530"	Porta-Screen Tray .530"	\$232.25
PSA-299 1.06"	Porta-Screen Tray 1.06"	\$232.25

PSA-300 Trays (2"-#4)		
Part#	Description	Price
PSA-300 2"	Porta-Screen Tray 2"	\$232.25
PSA-300 1-3/4"	Porta-Screen Tray 1-3/4"	\$232.25
PSA-300 1-1/2"	Porta-Screen Tray 1-1/2"	\$232.25
PSA-300 1-1/4"	Porta-Screen Tray 1-1/4"	\$232.25
PSA-300 1"	Porta-Screen Tray 1"	\$232.25
PSA-300 7/8"	Porta-Screen Tray 7/8"	\$232.25
PSA-300 3/4"	Porta-Screen Tray 3/4"	\$232.25
PSA-300 5/8"	Porta-Screen Tray 5/8"	\$232.25
PSA-300 1/2"	Porta-Screen Tray 1/2"	\$232.25
PSA-300 7/16"	Porta-Screen Tray 7/16"	\$232.25
PSA-300 3/8"	Porta-Screen Tray 3/8"	\$232.25
PSA-300 5/16"	Porta-Screen Tray 5/16"	\$232.25
PSA-300 1/4"	Porta-Screen Tray 1/4"	\$232.25
PSA-300 5/16"	Porta-Screen Tray 5/16"	\$232.25
PSA-300 #4	Porta-Screen Tray #4	\$232.25

PSA-301 Trays (#5-#14)		
Part#	Description	Price
PSA-301 #5	Porta-Screen Tray #5	\$213.75
PSA-301 #6	Porta-Screen Tray #6	\$213.75
PSA-301 #7	Porta-Screen Tray #7	\$213.75
PSA-301 #8	Porta-Screen Tray #8	\$213.75
PSA-301 #10	Porta-Screen Tray #10	\$213.75
PSA-301 #12	Porta-Screen Tray #12	\$213.75
PSA-301 #14	Porta-Screen Tray #14	\$213.75

PSA-302 Trays (#16-#100)		
Part#	Description	Price
PSA-302 #16	Porta-Screen Tray #16	\$213.75
PSA-302 #18	Porta-Screen Tray #18	\$213.75
PSA-302 #20	Porta-Screen Tray #20	\$213.75
PSA-302 #25	Porta-Screen Tray #25	\$213.75
PSA-302 #30	Porta-Screen Tray #30	\$213.75
PSA-302 #35	Porta-Screen Tray #35	\$213.75
PSA-302 #40	Porta-Screen Tray #40	\$213.75
PSA-302 #45	Porta-Screen Tray #45	\$213.75
PSA-302 #50	Porta-Screen Tray #50	\$213.75
PSA-302 #60	Porta-Screen Tray #60	\$213.75
PSA-302 #70	Porta-Screen Tray #70	\$213.75
PSA-302 #80	Porta-Screen Tray #80	\$213.75
PSA-302 #100	Porta-Screen Tray #100	\$319.70

PSA-303 Trays (#120-#400)		
Part#	Description	Price
PSA-303 #120	Porta-Screen Tray #120 with BU Cloth	\$320.15
PSA-303 #140	Porta-Screen Tray #140 with BU Cloth	\$320.15
PSA-303 #170	Porta-Screen Tray #170 with BU Cloth	\$320.15
PSA-303 #200	Porta-Screen Tray #200 with BU Cloth	\$329.20
PSA-303 #230	Porta-Screen Tray #230 with BU Cloth	\$336.30
PSA-303 #270	Porta-Screen Tray #270 with BU Cloth	\$354.95
PSA-303 #325	Porta-Screen Tray #325 with BU Cloth	\$358.15
PSA-303 #400	Porta-Screen Tray #400 with BU Cloth	\$369.15

Blank Tray		
Part#	Description	Price
PSA-336	Blank Tray	\$90.75

### Porta-Cover

The porta-cover bolts to the top flange to enclose the sample chamber. It has a latch and is hinged to open for introduction of samples.



PSA-312 Porta-Cover \$111.75

### Porta Sample Pan

The porta sample pan is helpful in emptying and cleaning trays and in weighing operations.



PSA-367 Porta Sample Pan \$138.50

### Dust Pan

PSA-310 Dust Pan \$66.15



### Porta Wheels

Porta wheels may be attached for added mobility. Ball-bearing wheel assemblies with rubber tires are pre-drilled for quick attachment to the Porta-Screen® frame.

PSA-114 Porta Wheels \$54.00



## Screen Cloths

All screen tray cloths are stainless steel and cut to fit exactly inside a PS-3 or PS-4 Porta-Screen®. Trays with cloth No. 16 and finer incorporate lateral support ribs or coarse backup cloth to support mesh. A backup cloth may be added to trays with or without support ribs as desired.



PSA-324 Cloths (#3-1/2-1.06")		
Part#	Description	Price
PSA-324 #3-1/2	Porta-Screen Cloth #3-1/2	\$117.35
PSA-324 .265"	Porta-Screen Cloth .265"	\$117.35
PSA-324 .530"	Porta-Screen Cloth .530"	\$117.35
PSA-324 1.06"	Porta-Screen Cloth 1.06"	\$117.35

PSA-325 Cloths (2"-#4)		
Part#	Description	Price
PSA-325 2"	Porta-Screen Cloth 2"	\$117.35
PSA-325 1-3/4"	Porta-Screen Cloth 1-3/4"	\$117.35
PSA-325 1-1/2"	Porta-Screen Cloth 1-1/2"	\$117.35
PSA-325 1-1/4"	Porta-Screen Cloth 1-1/4"	\$117.35
PSA-325 1"	Porta-Screen Cloth 1"	\$117.35
PSA-325 7/8"	Porta-Screen Cloth 7/8"	\$117.35
PSA-325 3/4"	Porta-Screen Cloth 3/4"	\$117.35
PSA-325 5/8"	Porta-Screen Cloth 5/8"	\$117.35
PSA-325 1/2"	Porta-Screen Cloth 1/2"	\$117.35
PSA-325 7/16"	Porta-Screen Cloth 7/16"	\$117.35
PSA-325 3/8"	Porta-Screen Cloth 3/8"	\$117.35
PSA-325 5/16"	Porta-Screen Cloth 5/16"	\$117.35
PSA-325 1/4"	Porta-Screen Cloth 1/4"	\$117.35
PSA-325 5/16"	Porta-Screen Cloth 5/16"	\$117.35
PSA-325 #4	Porta-Screen Cloth #4	\$117.35

PSA-326A Cloths (#5-#14)		
Part#	Description	Price
PSA-326A #5	Porta-Screen Cloth #5	\$117.35
PSA-326A #6	Porta-Screen Cloth #6	\$117.35
PSA-326A #7	Porta-Screen Cloth #7	\$117.35
PSA-326A #8	Porta-Screen Cloth #8	\$117.35
PSA-326A #10	Porta-Screen Cloth #10	\$117.35
PSA-326A #12	Porta-Screen Cloth #12	\$117.35
PSA-326A #14	Porta-Screen Cloth #14	\$117.35

PSA-326B Cloths (#16-#100)		
Part#	Description	Price
PSA-326B #16	Porta-Screen Cloth #16	\$117.35
PSA-326B #18	Porta-Screen Cloth #18	\$117.35
PSA-326B #20	Porta-Screen Cloth #20	\$117.35
PSA-326B #25	Porta-Screen Cloth #25	\$117.35
PSA-326B #30	Porta-Screen Cloth #30	\$117.35
PSA-326B #35	Porta-Screen Cloth #35	\$117.35
PSA-326B #40	Porta-Screen Cloth #40	\$117.35
PSA-326B #45	Porta-Screen Cloth #45	\$117.35
PSA-326B #50	Porta-Screen Cloth #50	\$117.35
PSA-326B #60	Porta-Screen Cloth #60	\$117.35
PSA-326B #70	Porta-Screen Cloth #70	\$117.35
PSA-326B #80	Porta-Screen Cloth #80	\$117.35
PSA-326B #100	Porta-Screen Cloth #100	\$117.35

PSA-328 Cloths (#120-#400)		
Part#	Description	Price
PSA-328 #120	Porta-Screen Cloth #120	\$117.35
PSA-328 #140	Porta-Screen Cloth #140	\$117.35
PSA-328 #170	Porta-Screen Cloth #170	\$117.35
PSA-328 #200	Porta-Screen Cloth #200	\$129.25
PSA-328 #230	Porta-Screen Cloth #230	\$133.50
PSA-328 #270	Porta-Screen Cloth #270	\$159.15
PSA-328 #325	Porta-Screen Cloth #325	\$173.85
PSA-328 #400	Porta-Screen Cloth #400	\$201.50

Universal Sample Splitters

**Universal Sample Splitter - Up to 4" Material**  
ASTM C136, C702, C778, D75; AASHTO T248, T27



The universal sample splitter is designed for large volume bulk aggregate samples up to 400lb or raw coal samples up to 300lb. Other high volume samples with particle sizes up to 4" can be accurately reduced with this rugged divider. Its 60° chute slopes improve flow of lighter and finer materials. The lever-release hopper holds up to 3.5 ft<sup>3</sup> of material for precisely controlled splitting. Two pans on each side are included to receive the split sample and extra pans are available. Material in both pans on a side is treated as a single sample. An optional lift cart is available for moving and dumping the sample pans.

- SP-0 Universal Sample Splitter, 4" \$2,285.00
- SPA-400 Steel Sample Pan, 31 Qt. \$72.50
- SPA-450 Lift Cart \$375.00

**Universal Sample Splitter - Up to 1-1/2" Material**  
ASTM C136, C702, C778, D75; AASHTO T248, T27



The universal sample splitter for 1-1/2" to sand sizes is more durable and compact than conventional portable splitters. It is lightweight with ample hopper capacity, the splitter is convenient for use from floor or bench-top positions. With a 0.55ft<sup>3</sup> lever-release hopper and adjustability to form up to 36 dividing chutes, this splitter provides accurate and representative samples for a wide range of materials. Two pans are included, but extra pans are available.

- SP-2 Universal Sample Splitter, 1-1/2" \$510.00
- SPA-101 Steel Sample Pan, 14 Qt. \$41.50

**Universal Sample Splitter - Up to 1/4" Material**  
ASTM C136, C702, C778, D75; AASHTO T248, T27

The benchtop universal sample splitter is for 1/4" to powder particles and features a stainless steel hopper and frame with aluminum chute bars and sample pans. The 104 cubic foot hopper has a 3/8" bottom opening with a spring-loaded gate release. An optional dust enclosure kit is available and consists of two stainless steel panels held in place by springs. The panels slide up easily for access to the pans and quickly detach when not needed.



- SP-3 Universal Mini Splitter \$415.00
- SP-33 Stainless Steel Mini Splitter \$731.00
- SPA-302 Dust Enclosure Kit \$117.50

**Universal Sample Splitter - Up to 2" Material**  
ASTM C136, C702, C778, D75; AASHTO T248, T27



The universal sample splitter is a rugged, large-capacity floor model for dividing samples of aggregate and other granular materials. The splitter is the original model of the Universal Splitter Series and is suitable for laboratory or field use with materials with particle sizes from 2" down to fine sand. The lever-release allows controlled, accurate splits from the 1 ft<sup>3</sup> hopper.

- SP-1 Universal Sample Splitter, 2" \$729.00
- SPA-101 Pan for SP-1 Splitter \$56.00

**Universal Sample Splitter - Up to 1" Material**  
ASTM C136, C702, C778, D75; AASHTO T248, T27



The universal sample splitter for 1" and smaller sizes has a wide application for use with fine aggregates as well as many coarser sizes. It is rugged enough for use in the field as well as on the laboratory bench. The 0.28 ft<sup>3</sup> lever-release hopper has plenty of capacity for samples in this size range, and up to 48 chutes can be formed with the adjustable chute bars. Most contact parts are stainless steel except for the anodized aluminum chute bars. The optional dust enclosure accessory installs easily and has hinged flaps that hold in open or closed positions for pan access.

- SP-2.5 Universal Sample Splitter, 1" \$599.00
- SPA-109 Dust Enclosure Kit \$135.75
- SPA-108 Pan for SP-2.5 Splitter \$63.50

**California Sample Splitter - Up to 1-1/8" Material**  
CALIFORNIA 201



The California sample splitter was designed by and constructed for the California Department of Transportation to meet CalTrans 201 requirements for coarse aggregate splitters. The large capacity, 1.9ft<sup>3</sup> (53.8L) gate-release hopper assures accuracy when mixing and dividing bulk aggregate into representative samples. Ten 2.25" fixed chutes process particles sizes up to 1-1/8".

- SP-12CA California Sample Splitter, 1-1/8" \$2,880.00

**Quartering Canvas**  
ASTM C702; AASHTO T248



The heavy duty 6' x 8' quartering canvas is used in selecting and quartering soils and aggregates.

- HMA-591 Quartering Canvas \$16.50

Riffle Splitters

Riffle-type sample splitters divide or halve dry materials such as cement, gravel, powdered ores, coal, coke, sand, soils, etc. Material poured into the hopper is divided into two equal portions by a series of chutes that discharge the material alternately in opposite directions into separate pans.

**One-Piece Construction Sample Splitters**

ASTM B215, C136, C702, C778, D421, D424, D457, D806; AASHTO T27, T144, T248



For rapid, single-step reduction of large sample volumes— ideal for field applications.

Part#	Material Size	Chutes	Hopper	Pans	Price
H-3966	.500"	14 (.750"W)	6.75"W x 14.75"L	4	\$430.00
H-3987	.666"	16 (1"W)	9"W x 20"L	4	\$410.00
H-3989	1.332"	8 (2"W)	9"W x 19.5"L	4	\$480.00
H-3990	1"	10 (1.5"W)	9"W x 20"L	4	\$480.00
H-3992	1.666"	8 (2.5"W)	9"W x 24"L	4	\$510.00

**Sample Splitters with Removable Hopper**

ASTM B215, C136, C702, C778, D421, D424, D457, D806; AASHTO T27, T144, T248



Part#	Material Size	Chutes	Hopper	Pans	Price
H-3980	.332"	12 (.500"W)	8.5"W x 11"L	4	\$410.00
H-3985	.500"	12 (.75")	8.5"W x 14"L	4	\$380.00

**Precision Riffle Splitter**



The Precision Riffle Splitter (Jones-type) are designed to reduce bulk material into a convenient representative sample for laboratory analysis.

Part#	Chutes	Hopper	Pans	Price
H-3974	16 (.5"W)	8.8"W x 8"L	2	\$800.00

**Small Sample Splitters**

ASTM B215, C136, C702, C778, D421, D424, D457, D806; AASHTO T27, T144, T248



Part#	Material Size	Chutes	Hopper	Pans	Price
H-3962	.250"	14 (.375"W)	6.75"W x 8"L	4	\$380.00
H-3964	.333"	14 (.500"W)	6.75"W x 11"L	4	\$430.00

**Enclosed Sample Splitters**

ASTM C702, D410, D3013, D3176, D3180; AASHTO T248



Part#	Material Size	Chutes	Hopper	Pans	Price
H-3970	.250"	14 (.375"W)	6.5"W x 8"L	2	\$410.00
H-3975	.250"	24 (.375")	4.5"W x 11"L	2	\$430.00

**Micro Riffle Splitter**

The Micro Riffle Splitter is designed to reduce bulk material into a convenient representative sample for laboratory analysis.



Part#	Chutes	Hopper	Pans	Price
H-3971C	16 (1/8")	4.5"W x 4.5"L	2	\$230.00

**Micro and Precision Riffle Splitter**



The Micro and Precision Riffle Splitter (Jones-type) combines the benefits of both the Micro and Precision Splitter in one.

Part#	Chutes	Hopper	Pans	Price
H-3973	32 (.25"W)	8.9"W x 8.3"L	2	\$840.00

**Los Angeles Abrasion Machine**

ASTM C131, C535; AASHTO T96



The LA Abrasion Machine is used to determine the resistance to abrasion in crushed rock, slag, crushed and uncrushed gravel. The machine features a welded structural steel frame, fabricated 1/2" thick abrasion-resistant steel drum, removable shelf bolted to drum and balanced drum assembly for easy rotation by hand. The enclosed chain drive rotates the drum without a conventional slip clutch. The positive drive delivers greater accuracy and the self-contained worm-drive motorized speed reducer has anti-friction bearings and sealed lubrication.

Includes:

- 1 HP Push Button & Automatic Overload Cutout Motor
- Revolution Counter
- Material Catch Pan
- 1 Abrasion Charge (12 Hardened Steel Balls)

42-5305/02 LA Abrasion Machine \$5,784.00

HMA-130 Charges 12/Set \$185.00

For Sound Enclosure Please Call 888.293.2121

**Durability Index Agitator**

ASTM C3744; AASHTO T210

The durability index apparatus measures the relative resistance of aggregates to producing clay-like fines when mechanically agitated in a special washing vessel. Resulting fines material is evaluated using a sand equivalent apparatus (sold separately). The agitator runs at 285 CPM and can also be used as a sieve shaker for up to six sieves and pan.



Includes:

- Holes in Case Flanges for Securing to Floor/Bench
- Switch
- Cord
- Plug
- Timer and wash vessel sold separately

SS-18 Durability Index Apparatus \$1,325.00

SSA-22 Stainless Steel Wash Vessel \$150.00

**Sulfate Soundness Solution Bucket**

ASTM C88; AASHTO T104



The solution bucket holds sulfate solution for immersion of sample sieves and the sample being tested. One bucket is required for each sieve holder. The 6 gallon (22L) buckets are made with thick-wall, high-density polyethylene and have ball handles.

HM-452 Solution Bucket for 8" Sieve Holder \$14.50

**Micro-Deval Apparatus**

ASTM D6928, D7428; AASHTO T327



The Micro-Deval test measures abrasion resistance and durability of mineral aggregates. An aggregate sample is placed in a sealed stainless steel jar with an abrasive charge of up to 5,000g of 9.5mm diameter stainless steel balls and water. It is then rotated at 100 RPM for 2 hours. Aggregate quality is determined by the percentage loss in the graduation results at completion. Small equipment size, lower sample quantities and a simpler procedure make the method easier and less costly to perform than traditional methods.

- Multi-function electronic controller tracks time, speed and total revolutions
- Easier, safer and less expensive to operate
- Lexan doors and safety interlocks ensure no exposed moving parts

MD-2000 Micro-Deval Apparatus - 2 Tier \$4,799.00

**Sulfate Soundness Hydrometers**

ASTM C88; AASHTO T104



Solution hydrometers measure specific gravity of sulfate solutions to ±0.001 SG. They are available in sodium sulfate or magnesium sulfate.

MA-168 Sodium Sulfate Hydrometer \$33.50

MA-169 Magnesium Sulfate Hydrometer \$33.50

**Sulfate Soundness Sieve Holder**

ASTM C88; AASHTO T104

Samples are washed, dried and sieved to determine the percentage of loss from the original sample. Sample sieves holding aggregate specimens are stacked into sieve holders. The holders are then immersed in the buckets containing sulfate solution.



HM-447 8" Sample Sieve Holder \$86.50

**Sulfate Soundness Washing Bucket**

ASTM C88; AASHTO T104



The washing bucket is used to rinse sulfates out of specimens after immersion cycles. Water flows in through the bottom and out through the top overflow. The 1/4" thick, white polyethylene buckets can hold one sieve holder each.

HM-444 Washing Bucket \$158.00

**Organic Impurities Test Set**



The test set is used to determine possible presence or organic compounds in fine aggregates. Samples are shaken in a special graduated bottle with a 3% sodium hydroxide solution, then allowed to stand for 24 hours. If the resulting liquid color above the test sample is darker than a reference standard color, organic compounds may be present and further testing should be conducted before approval. Reagent grade sodium hydroxide pellets are not included in the test set, but can be added to meet ASTM Standards.

Includes:

- Graduated 8oz. Colorless Glass Test Bottles
- Sodium Hydroxide Pellets, 1lb Bottle (Makes enough 3% solution for over 150 tests)
- Color Reference Chart

HM-137 Organic Impurities Test Set \$330.00

H-3490A Graduated 12oz. Colorless Glass Test Bottle \$3.20

HM-816 Sodium Hydroxide Pellets, 1lb Bottle \$8.50

HM-815 Color Reference Chart \$322.50

HM-818 Reagent Grade Sodium Hydroxide Pellets \$34.00

**Proportional Caliper Device**



The device is used to determine the percentage of flat and/or elongated particles in coarse aggregates. It is constructed of steel for strength and durability and is also plated for corrosion resistance. The 6" x 16" base plate has four rubber feet for stability and convenience in tabletop testing. The ratio desired is obtained by selecting one of four adjustable positions.

9101 Proportional Caliper Device \$154.00

**Elongation Index Gauge**



The gauge is used for determining the elongation index of aggregate particles. There are six labeled openings between pairs of metal pins that measure the particles from each of the sieve cuts below 50mm. The mass of all the elongated particles of the sample is the elongation index.

HM-360 Elongation Index Gauge \$129.50

**Flakiness Gauge**

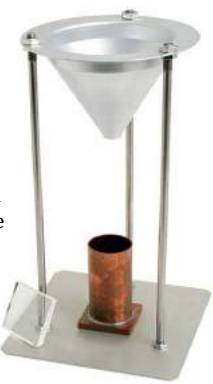


The flakiness gauge is used for determining the flakiness of aggregate particles. It has seven labeled slots for manual evaluation of particles from each of the seven sieve cuts. The mass of all the flaky particles passing through appropriate slots is the flakiness index.

H-1684 Flakiness Gauge \$52.50

**Void Content Apparatus - Fine Aggregate**

The apparatus is used to determine the uncompacted void content of a fine aggregate sample. This testing method indicates angularity, sphericity, and workability of fine aggregate in a mixture for which it may be used. Each sample is mixed with a spatula until it is homogeneous. After filling the hopper, the sample is allowed to flow into the 100ml copper cylindrical measure. The measure has a locating hold to fit a lug on the funnel stand to ensure each sample is tested with precision and repeatability. Once the excess material is struck off, the mass is determined and void content is computed.



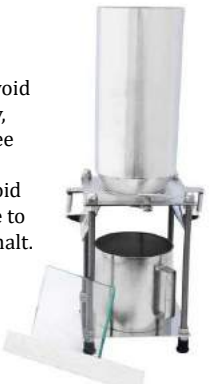
The apparatus includes:

- 100ml Copper Cylindrical Measure
- Funnel with Specified Hopper
- Funnel Stand
- Glass Plate for Calibration

9102 Void Content Apparatus \$103.00

**Void Content Apparatus - Coarse Aggregate**

The apparatus is used to determine the void content of uncompacted coarse aggregate samples. Graduation and void content data provide an indication of angularity, sphericity, and surface texture. The aggregate sample is allowed to free fall from the hopper into a cylindrical measure. After the excess aggregate is struck off, the mass is measured and void content is computed. Results of the void content test relate to permanent deformation and fatigue of the cracking of asphalt.



Includes:

- Stainless Steel Hopper, Stand and Measure
- Glass Plate for Calibration
- Locator Pin and Circle

SG-42 Void Content Apparatus \$699.50

**Sand Equivalent Test Kit**

The sand equivalent test set includes everything required to conduct the test except the shaker. All components are also available separately as accessories.



Includes:

- Clear Plastic Graduated Cylinders (4)
- Siphon Assembly
- Irrigator Tube
- Weighted Foot
- Funnel
- Measuring Tin
- Solid Stopper
- Stock Solution 8oz.

SEA-100 Sand Equivalent Test Set with Carrying Case \$300.00

SEA-99 Sand Equivalent Test Set without Case \$210.00

**Replacement Parts**

SEA-101	Clear Plastic Graduated Cylinder	\$35.00
SEA-100B	Siphon Assembly	\$26.00
SEA-100G	Irrigator Tube	\$32.50
SEA-100A	Weighted Foot Assembly	\$79.00
SEA-100C	Funnel	\$5.50
SEA-100F	Solid Stopper	\$5.50
SEA-100E	Carrying Case	\$90.00



### Chapman Flask

ASTM C70; AASHTO T142

The Chapman flask has two bulbs for determining the approximate percentage of voids and surface moisture in fine aggregates. It is graduated to 200ml between its bulbs and from 375ml up to 450ml (in 1ml increments) above the second bulb.



H-3460 Chapman Specific Gravity Flask \$116.00

### Le Chatelier Flask

ASTM D188; AASHTO T133

The 250ml Le Chatelier Flask is used for determining density of powdered materials, such as limes, slag and hydraulic cement. Its neck is graduated from 0 to 1ml and from 18 to 24ml.



SG-24 Le Chatelier Specific Gravity Flask \$106.00

### Specific Gravity Bottles

ASTM D854; AASHTO T100

The specific gravity bottle is adjusted for routine commercial testing and fitted with a ground-in perforated stopper. A small hole in the center of the stopper allows emission of air and surplus water.



H-3385 Specific Gravity Bottle 25ml \$152.00

H-3386 Specific Gravity Bottle 50ml \$171.00

H-3387 Specific Gravity Bottle 100ml \$173.70

### Volumetric Flask

ASTM D854; AASHTO T100

The 500ml volumetric flask is calibrated to contain rated capacity at 20°C within permissible tolerance. The flask comes complete with a snap-on cap.



SG-100 Volumetric Flask 100ml \$10.25

SG-250 Volumetric Flask 250ml \$14.95

SG-500 Volumetric Flask 500ml \$19.95

SG-1000 Volumetric Flask 1000ml \$27.95

# Hot Plates

### Single Burner Hot Plate



The 1000 watt thermostatically controlled burner features cool touch end panels to protect against accidental burns. The unit's self-cleaning heating element and stainless steel drip pan allow for quick, easy clean up after use.

- Dimensions: 11.75"W x 9"D x 3.75"H
- Voltage: 120
- Amps: 8.3
- Hertz: 60
- Power: Electric

EB100 Single Burner Hot Plate \$29.95

### Two Burner Hot Plate



The hot plate features two 750 watt burners with independent thermostatic controls. The unit is equipped with cool touch end panels to protect against accidental burns. The unit's self-cleaning heating element and stainless steel drip pan allow for quick, easy clean up after use.

- Dimensions: 21.25"W x 8.5"D x 3.75"H
- Voltage: 120
- Amps: 12.5
- Hertz: 60
- Power: Electric

EB102 Dual Burner Hot Plate \$49.95

# Mini-Crusher

### Aggregate Mini-Crusher

The Mini-Crusher has a 2" x 2" feed opening for crushing 1" and smaller feed material to 1/16" and finer at about 1/4lb per minute. The unit comes standard with a hardened steel alloy jaw and cheek plates. The crusher is belt driven by a 1/4 hp motor with overload and on/off switches, all mounted on a steel base with rubber feet for freestanding operation.

LC-8	Mini-Crusher	\$2,840.00
LCA-46	Mini-Crusher Ceramic Jaw Plates	\$947.00
LCA-47	Mini-Crusher Tungsten Carbide Jaw Plates	\$1,535.00
LCA-45	Mini-Crusher Alloy Steel Jaw Plates	\$590.00

Other styles and sizes available. Please inquire at 888.293.2121 or sales@myerstest.com





# SOILS - FIELD

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### Sand Cone Density Apparatus

ASTM D1556; AASHTO T191

The sand density apparatus determines the in-place density of soils. The set includes a 1 gallon threaded jar and a detachable double cone consisting of a brass cylindrical valve with a 1/2" diameter orifice. Its valve has stops that prevent rotating past completely open or completely closed positions. The bottom cone is 6-1/2" in diameter with a flanged opening that fits the opening of the field density plate.



HM-100 Sand Density Apparatus \$73.00

HM-102 Replacement Plastic Jar \$5.80

### U.S. Army Corps of Engineers Sand Cone Density Apparatus

The Sand Density Cone is used for determining in-place density of gravel and coarse soils. It features two identical cones with a large valve between them and a circular density plate for support on the bottom. Its clear plastic cover on the top cone allows for viewing sand flow. The unit also has handles for easier carrying. The flange that fits the lower cone allows the apparatus to be used on holes up to 12" in diameter.



H-4248 U.S. Army Corps of Engineers Sand Density Cone \$1,466.00

### Sand Cone Density Plate

ASTM D1556; AASHTO T191

The 12" x 12" density plate is used with the sand cone density apparatus to simplify removal of soil from test mold and act as a template to control hole diameter. It has a 6-1/2" diameter and is made out of cast aluminum alloy.



H-4246 Density Plate \$34.00

### Density Sand

ASTM D1556; AASHTO T191

The density sand for sand cone density testing of soil is clean, uniform, uncemented, and free-flowing. Few particles pass the No. 200 or are retained on No. 10 s. The bulk density does not vary more than 1%.



HM-106 Density Sand, 50lb Bag \$24.50

### Voluessel 1/20 Cu. Ft. Capacity

ASTM D2167; AASHTO T205

The voluessel determines the in-place density of compacted or firmly bonded soils using a rubber balloon apparatus viewed through a graduated, direct-reading clear, plastic cylinder. The metal casing protects the plastic cylinder and the pump assembly mounted to the base. It includes a pressure-vacuum pump assembly, pressure gauge, quick coupler valve, double graduated cylinder, 10 balloons and a density plate.



HM-310 Voluessel 1/20 Cu. Ft. Capacity \$435.00

### Voluessel 1/13 Cu. Ft. Capacity

ASTM D2167; AASHTO T205

The voluessel determines the in-place density of compacted or firmly bonded soils using a rubber balloon apparatus viewed through a graduated, direct-reading, clear plastic cylinder. The metal casing protects the plastic cylinder and the pump assembly mounted to the base. It includes a pressure-vacuum pump assembly, pressure gauge, quick coupler valve, double graduated cylinder, 10 balloons and a density plate.



HM-67 Voluessel 1/13 Cu. Ft. Capacity \$448.00

### Density Drive Sampler

ASTM D2937; AASHTO T204

The density drive sampler determines in-place density of soil by driving a thin-walled tube into the soil mass to obtain a relatively undisturbed sample. Typically used to verify compacted fill placement, or to obtain samples from the bottom of shallow excavations. Its zinc-plated, steel drive head and sliding weight hammer are used with separately ordered drive tubes. The 10lb drive head has shock a reducing spring to guard against fatigue failure.



S-103 Density Drive Sampler, 3" \$162.00

S-10220 Density Tube, 3" 10/box \$88.00

S-104 Density Drive Sampler, 4" \$188.50

S-10230 Density Tube, 4" 10/box \$88.00

### In-Place Density Accessory Kit

The accessory kit is used with sand density cones and voluessels.

- Includes:
- 100 Sample Bags
- 100 Ties
- Pocket Dial Thermometer
- Bristle Brush
- Stainless Steel Spoon
- Steel Chisel
- Rubber Mallet
- Does NOT Include Sand



H-4117 In-Place Density Accessory Kit \$70.00

### Electrical Density Gauge

ASTM D7698

The electrical density gauge is a nuclear-free alternative for determining the moisture and density of compacted soils used in road beds and foundations. The EDG is a portable, battery powered instrument capable of being used anywhere without the concerns and regulations associated with nuclear safety.



It can be used as a construction aid to monitor day to day compaction operations by providing performance and measurement results highly comparable to those achieved with traditional methods, including the nuclear gauge and/or a sand cone and oven moisture test combination. When conducting a test, the EDG measures and displays the results for wet and dry density, gravimetric moisture content and percent compaction.

The density gauge includes the console/case, 4 tapered 6" darts, hammer, soil sensor and cables, dart template, temperature probe, battery charger, field verifier and safety glasses.

H-4114SD.3F Electrical Density Gauge w/ 6" Darts \$9,210.00

Part#	Description	Price
H-4114.4	Darts 4"	\$38.00
H-4114.6	Darts 6"	\$32.00
H-4114.8	Darts 8"	\$36.00
H-4114.10	Darts 10"	\$42.00
H-4114.12	Darts 12"	\$68.00



**MC1 Elite™**  
 ASTM C1040, D2950, D6938, D7013, D7759; AASHTO T310  
 The MC-1 Elite™ is the most accurate and easy-to-use moisture/density testing instrument available. It offers a superior alternative to other methods of in-place testing. The results are displayed on an easy to read LCD screen. The simple on-screen instructions allow the software operator to be quick and efficient.



- Features:
- High reliability, updated and improved electronic design
  - Backlit, easy to read display
  - Improved battery life
  - Lightweight, durable polycarbonate topshell design
  - Technician friendly software

1013125 CPN MC1 Elite™ Call for Pricing

**3500 Xplorer™**  
 ASTM D2950, D6938, D7013, D7759; AASHTO T310

The 3500 Xplorer™ is designed to provide superior performance with design experience and expertise that is unmatched in the industry. The unit features the most up to date electronics, extremely reliable surface mount components, and straight forward simple operation. Operation is straightforward and uncomplicated. A backlit LCD screen and special scroll functions allow operators to easily read the Xplorer's two-line display during day or night. The simple keypad layout and program design allows technicians to quickly move from other moisture density gauges to the 3500 Xplorer. Its featured Battery Saver and IntelliCharge extend battery life, for longer use on site. The non-contact auto-depth indicator is included on all new 3500 Xplorer gauges.



1005029 3500 Xplorer™ Call for Pricing

### Monitor 4 Survey Meter - Analog



The Monitor 4 and Monitor 4EC are compact, general purpose survey meters capable of detecting alpha, beta, gamma and x-rays over 3 selectable ranges. A red count light flashes and a beep sounds with each event detected. The Monitor 4EC offers more accurate linear readings for gamma and x-rays that are above 40 keV.

- Operating Range: 0-.5, 0-5, 0-50 mR/hr and 0-500, 0-5,000, 0-50,000 CPM
- Accuracy: ±10% of full scale (referenced to Cs-137)

299.0001 Monitor 4 Survey Meter \$420.00

299.0002 Monitor 4EC Survey Meter \$475.00

### The Ranger Survey Meter



The Ranger Survey Meter provides maximum performance in a lightweight, rugged solution for surveying in the laboratory or the field. The meter offers exceptional sensitivity to low levels of alpha, beta, gamma, and x-rays. It has built-in efficiencies for common isotopes to calculate any activity in Bq and DPM. In addition, the meter has an internal memory and free Observer USB Software. The software provides the user with the ability to download their data and set computer alarms. As well as, download any collected data in the internal memory for easy reporting.

299.0004 The Ranger Survey Meter \$95.00

**MC3 Elite™**  
 ASTM C1040, D2950, D6938, D7013, D7759; AASHTO T310

The MC-3 Elite has all the functions of the MC1 Elite, but with a few upgrades. The unit includes a simple operator interface, large backlit LCD display, illuminated keypad, precision machined base and surface mount electronic technology. The gauge is built to withstand the toughest construction and testing environments and is derived from over 40 years of field experience.



- Features:
- Backlit 4" x 20" LCD display with 9mm characters for maximum visibility
  - Lightweight
  - User friendly software
  - Precision machined base and components
  - High reliability, updated and improved electronic design
  - Illuminated keypad for night use
  - USB flash drive storage for cable-free data download
  - Superior, durable poly carbonate topshell design

1013001 CPN MC3 Elite™ Call for Pricing

### Smart MC Upgrade



The Smart-MC is a simple, drop-in upgrade that gives new life to older MC-1DRP and MC-3 gauges. Smart-MC offers a variety of operator friendly features such as a new backlit display and keyboard, test storage capability and cable-free download. Tests can be easily stored, printed or saved to a USB thumb drive. The improved software is easy to navigate with a well thought out keypad layout and simple on screen instructions. The Smart MC's LCD is crisp and clear even in direct sunlight and an illuminated keypad makes it easy to work at night or inside dark structures. License amendment is not necessary when upgrading to the Smart MC.

213.0096 Smart MC Upgrade 1,995.00

### SmartPanel Upgrade

The Smart Panel upgrades 3411 gauges at a fraction of the price of a new gauge. The old front panel can be easily removed and replaced with the simple and functional Smart Panel. Upgraded features include RS232 communication, backlight for night use, self-test features and many more. The Smart Panel is also more reliable and less expensive than replacing old circuit boards.

- Features:
- Drop-in replacement
  - 2 line easy to read display
  - Built-in stat and drift test routines
  - All functions performed by membrane switches on keypad
  - Calibration constants can be input from keypad or through a PC program
  - Moisture, density and trench offset features
  - Auto-scroll feature for hands-off recording of data
  - Intelligent charging control features to preserve battery life
  - Holds standard count even when gauge is turned off



299.1000 SmartPanel Upgrade \$645.00

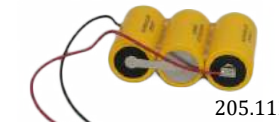
906.1081 SmartPanel Attachment Screw (2 needed per panel) \$2.00

## Nuclear Gauge Accessories

Part#	Description	Price
205.1043	Molded Type A Shipping Case (Instrotek & Troxler)	\$465.00
213.4467	Molded Type A Shipping Case with Wheels (CPN)	\$465.00
ACM-NUKLOK	Nuk-Lok Wire Transportation Lock for Case	\$195.00
205.1129	3-Cell Battery Pack without Case	\$65.00
705.0096	3-Cell Battery Pack Case	\$9.50
297.0130	4-Cell Battery Pack without Case	\$75.00
297.0097	4-Cell Battery Pack Case	\$9.50
205.1002	AC Wall Charger, 20V	\$30.00
205.1001	DC Car Charger	\$15.00
520.7100	Leak Test Kit - Box of 10	\$150.00
520.7101	Leak Test Kit - Individual	\$25.00
205.1005	Drill Rod	\$49.00
205.1003	Extraction Tool with Grip	\$25.00
205.1004	Steel Scraper Plate	\$85.00
952.3000	Scraper Ring	\$10.50
213.1020	Standard Block	175.00
802.0006	Type A Radiation Label	\$2.00
MG145	Magnalube 14.5 oz.	\$20.00
944.0001	Long Shank Lock	\$12.00



705.0096



205.1129



297.0097



297.0130



205.1005



205.1002



944.0001



205.1043



213.1020



205.1001



213.4467



ACM-NUKLOK



802.0006



205.1004



952.3000



520.7100



205.1003



1243K11

### Dynamic Cone Penetrometers

The dynamic cone penetrometer (DCP) uses a 15lb steel mass falling 20" that strikes the anvil to cause penetration of a 1.5" diameter cone that has been seated in the bottom of a hand augered hole. The blows required to drive the embedded cone a depth of 1.75" have been correlated by others to "N" values derived from the standard penetration test. The DCP can be used effectively in augered holes to depths of 15 to 20 feet.

Part#	Description	Price
S-200	DCP with STD Hammer & Auger Test Set	\$740.00
S-201	DCP with Sleeved Hammer & Auger Test Set	\$799.00
S-205	DCP with STD Hammer Test Set	\$534.00
S-206	DCP with Sleeved Hammer Test Set	\$610.00



#### Replacement Parts & Accessories

Part#	Description	Price
S-20000	Modified Sliding DCP Sleeved Drive Hammer	\$280.00
S-20003	Sliding Drive Hammer Assembly	\$226.00
S-20001	Drive Point with 1' Adapter Rod	\$67.00
S-20001-1	Drive Point Roll Pin	\$1.20
S-20002	Replacement Points	\$32.00
S-20025	E Drill Rod Extension, 30"	\$71.00
601189	Rod Assembly for Hammer	\$82.00

### Dual Mass Dynamic Cone Penetrometer

ASTM D6951-03

The dual-mass DCP is designed in strict adherence to all original design specifications set forth by the U.S. Army Corps of Engineers and ASTM D6951-03. The unit has an easy-grip hammer that features a finger perch machined into the back side of the hammer flange, for easy, non-slip lifting when performing a test. Its exclusive, threaded coupling system ensures long-life of drive rods and extension by providing a tight, positive connection every time. It also eliminates the loss of hammer blow energy through the connections.

The dual-mass DCP can be quickly converted to a single mass unit by removing the hexagonal set screw and removing the outer sleeve from the dual-mass hammer.

**H-4219QC Dual Mass Dynamic Cone Penetrometer, Quick Connect End** \$1,895.00

**H-4219T Dual Mass Dynamic Cone Penetrometer, Threaded Ends** \$1,780.00



#### Replacement Parts

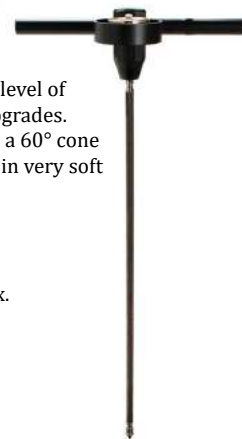
Part#	Description	Price
H-4219.4	Hard Cone Tip	\$32.50
H-4219.5	Disposable Cone Adapter	\$27.00
H-4219.25	Disposable Cones, 25/pk	\$69.60
H-4219QC.1	DCP Hammer, QC Connection	975.00
H-4219QC.2	Standard Drive Rod 37.75"	\$210.00
H-4219QC.18	Quick Connect Pins (2)	\$15.00

### Dial Static Cone Penetrometer

The Static Cone Penetrometer is used to evaluate the consistency of soils, their level of compaction and the bearing capacity of shallow foundations and pavement subgrades. Specifically developed for use in fine grained/soft soils. The penetrometer uses a 60° cone with an area of 1.5 cm<sup>2</sup>. An optional cone with a 3 cm<sup>2</sup> area is available for use in very soft soils.

- Includes:
- A 60° cone with a maximum area of 1.5 cm<sup>2</sup>
  - A starter rod assembly designed to withstand an axial force of 250 lbf max.
  - Pressure gauge marked in kg/cm<sup>2</sup>
  - Operating instructions and parts list

**S-215 Dial Gauge Static Cone Penetrometer** \$585.00



#### Replacement Parts & Accessories

Part#	Description	Price
S-21010	60° Cone with Max Area of 3 cm <sup>2</sup>	\$85.00
S-21018	60° Cone with Max Area of 1.5 cm <sup>2</sup>	\$82.00
S-21511	24" Starter Rod Assembly	\$48.50
S-21501	24" Outer Rod	\$34.50
S-21502	24" Starter Inner Rod	\$15.00
S-21510	24" Extension Rod Assembly	\$48.50
S-21503	24" Extension Inner Rod	\$15.00
AP-2100-1	Dial Gauge Assembly	\$463.50
S-21021	"O" Ring Packing Kit, 2 ea.	\$1.20

### Digital Static Cone Penetrometer



The Digital Static Cone Penetrometer (DSCP) has a large digital readout that makes testing and recording readings easy. The DSCP can be used to evaluate soil consistency by determining the soil's level of compaction and/or the bearing capacity. It is especially useful in evaluating shallow foundations and pavement subgrades where fine-grained and soft soils are being used.

The DSCP can also be used to aid technicians in quickly selecting sites for testing, as well as correlating with other tests based on local conditions, such as standard or modified proctor, CBR, or bearing capacity. The unit comes with a 30" starter rod and a 60° cone with a 1.5 cm<sup>2</sup> area.

**HS-4210 Digital Gauge Static Cone Penetrometer** \$890.00

**HS-4210.2 30" Extension Rod** \$75.20

**HS-4210.3 Replacement 30" Starter Rod** \$68.00

### Corps of Engineers Proving Ring Penetrometer

The cone penetrometer is designed to evaluate soil traffic-ability manufactured to Corps of Engineers specifications. The factory calibrated dial indicator reads directly in psi.

- Includes:
- 30° cone with 1/2 in<sup>2</sup> base
  - 150lb capacity proving ring
  - Dial indicator, calibrated direct 0-300psi in 5psi increments
  - Extension rod 5/8"D x 19"L
  - Handle

**H-4120H Corps of Engineers Proving Ring Penetrometer** \$720.00

#### Replacement Parts

**H-4120H.3 Penetration Rod, 19" x .625"** \$60.00  
**H-4120H.4 Replacement 30° Cone** \$98.00



### Soil Pocket Penetrometer



The pocket penetrometer is used by field personnel to check visual classification of soils. It reads in both tons/ft<sup>2</sup> and kg/cm<sup>2</sup>. The unit comes with a belt-loop carrying case.

The optional 1" adapter foot increases the piston area 16 times for testing soft materials.

**HM-500 Soil Pocket Penetrometer** \$54.00

**HMA-15 Adapter Foot** \$16.50

### Proving Ring Penetrometer

The proving ring penetrometer is used to determine the bearing capacity of subgrades or to measure soil compaction. It is light and easy to use in the field and provides a rapid means of determining the penetration resistance of soil in shallow exploration surveys.



- Includes:
- 30°, 1 in<sup>2</sup> cone
  - 250 lb capacity proving ring
  - 3/4" dia. shaft, graduated at 6" intervals
  - 3/4" dia. extension rod, graduated at 6" intervals
  - Cast aluminum t-handle
  - Brake type dial indicator
  - Manual release

**H-4204 Proving Ring Penetrometer** \$830.00

**H-4204.1 Replacement Dial Indicator** \$648.00

**H-4204.3 Replacement 30° Cone 1 in<sup>2</sup>** \$44.00

**H-4204.4 Replacement 37.25" Extension Rod** \$48.50

### T-Handle Cone Penetrometer, Corps of Engineers

The cone penetrometer is designed to evaluate soil traffic-ability manufactured to Corps of Engineers specifications. The factory calibrated dial indicator reads directly in psi. The unit is built with a t-handle for ease of operation.

- Includes:
- 30° cone with 1/2 in<sup>2</sup> base
  - 150lb capacity proving ring
  - Dial indicator, calibrated direct 0-300psi in 5psi increments
  - Extension rod 5/8"D x 19"L
  - Handle

**H-4120HA T-Handle Penetrometer Corps of Engineers** \$780.00

#### Replacement Parts

**H-4120H.3 Penetration Rod, 19" x .625"** \$60.00  
**H-4120H.4 Replacement 30° Cone** \$98.00



### Proctor Penetrometer Set

ASTM D1558

The proctor penetrometer set establishes the moisture penetration resistance relations of fine grained soils.

Interchangeable Needles Included:

- 1 in<sup>2</sup>
- 3/4 in<sup>2</sup>
- 1/2 in<sup>2</sup>
- 1/3 in<sup>2</sup>
- 1/5 in<sup>2</sup>
- 1/10 in<sup>2</sup>
- 1/20 in<sup>2</sup>
- 1/30 in<sup>2</sup>



**H-4139 Proctor Penetrometer Set** \$600.00

#### Replacement Needles

Part#	Description	Price
H-4134N	Resistance Needle Set	\$220.00
H-4143.10	1 in <sup>2</sup> Needle	\$27.00
H-4143.75	3/4 in <sup>2</sup> Needle	\$26.00
H-4143.50	1/2 in <sup>2</sup> Needle	\$36.00
H-4143.33	1/3 in <sup>2</sup> Needle	\$36.00
H-4143.20	1/5 in <sup>2</sup> Needle	\$26.00
H-4143.05	1/20 in <sup>2</sup> Needle	\$27.00
H-4143.033	1/30 in <sup>2</sup> Needle	\$26.00
H-4143.025	1/40 in <sup>2</sup> Needle	\$35.80



Shelby tube samplers are thin-walled hollow steel tubes, that are driven into the ground to extract a relatively undisturbed soil sample. They are used in laboratory tests to determine density, permeability, compressibility and strength. Each tube has a chamfered end to form a cutting edge and holes on the opposite end for securing the tube to a drive head. Shelby tubes are useful for collecting soils that are sensitive to sampling disturbance. They can also be used to transport samples back to the lab.

Shelby Tubes			Accessories		
Part#	Description	Price	Part#	Description	Price
H-4210.230	2" Dia. x 30" Long	\$17.60	H-4202.7A	Shelby Tube Drive Head	\$90.00
H-4210.236	2" Dia. x 36" Long	\$16.30	H-4210.3AW	Drive Head, 3" for AW Rod	\$253.00
H-4210.253	2.5" Dia. x 30" Long	\$19.00	H-4210.2P	2" Expansion Caps	\$11.25
H-4210.256	2.5" Dia. x 36" Long	\$41.70	H-4210.25P	2.5" Expansion Packer	\$22.00
H-4210.10	3" Dia. x 10" Long	\$9.10	H-4210.3P	3" Expansion Packer	\$13.50
H-4210.12	3" Dia. x 12" Long	\$8.90	H-4210.5P	5" Expansion Packer	\$20.00
H-4210.18	3" Dia. x 18" Long	\$11.40	H-4210.2C	2" Plastic End Caps	\$0.30
H-4210.24	3" Dia. x 24" Long	\$13.00	H-4210.25C	2.5" Plastic End Caps	\$0.30
H-4210.30	3" Dia. x 30" Long	\$14.50	H-4210.3C	3" Plastic End Caps	\$0.42
H-4210.36	3" Dia. x 36" Long	\$18.60	H-4210.35C	3.5" Plastic End Caps	\$0.80
H-4210.353	3.5" Dia. x 30" Long	\$43.60	H-4210.5C	5" Plastic End Caps	\$1.00
H-4210.356	3.5" Dia. x 36" Long	\$38.40	H-4210W	Sealing Wax	\$50.60
H-4210.524	5" Dia. x 24" Long	\$64.60			
H-4210.530	5" Dia. x 30" Long	\$69.75			



### Economy Auger Assembly

The standard hand auger with unique hard-face and cupped blades is ideal for augering shallow holes in fine grained soils. Little effort is needed to turn the auger and advance the hole as the blade diameter exceeds the bucket diameter to produce a 3-5/8" diameter hole.

- Heavy gauge, heat treated carbon steel bucket
- Cupped blades of unique design to facilitate hold advancement
- Zinc electroplated, carbon steel auger heads, extensions and cross handle
- Quick connect pins
- All stainless steel hand auger assemblies available for environmental samples
- Special windowed bucket is available for use in stick clay soils

Part#	Description	Price
S-110	3.25" Std Hand Auger Assembly	\$114.00
S-11004	3.25" Std Hand Auger Assembly (3 Extra Extensions)	\$192.00
S-110M	Mud Hand Auger Assembly	\$135.00
S-11004M	3.25" Stainless Steel Hand Auger Assembly	\$214.00



Part#	Description	Price
S-11008	2.25" Std Hand Auger Head	\$74.00
S-11010	3.25" Std Hand Auger Head	\$71.00
S-11012	4" Std Hand Auger Head	\$78.00
S-11020	Auger Cross Handle	\$22.00
S-11021	Auger Cross Handle with Rubber Grips	\$32.00
S-11023	12" Auger Extension	\$22.00
S-11024	20" Auger Extension	\$25.00
S-11025	24" Auger Extension	\$25.00
S-11030	36" Auger Extension	\$28.00
S-11035	48" Auger Extension	\$32.00
S-11037	60" Auger Extension	\$33.00
S-11040	Connector Pin	\$1.50
S-11048	2.25" Mud Auger Head	\$127.00
S-11050	3.25" Mud Auger Head	\$93.00
S-11052	4" Mud Auger Head	\$143.00

### AMS Regular Augers

AMS Regular Augers are designed for use in most soil types. The AMS regular soil auger is commonly used for obtaining disturbed soil samples at or near the surface and for boring to depths where soil samples may be obtained with a separate soil sampler or soil core sampler. The bits of the regular soil auger are open to allow entry of small soil clumps and relatively small rocks and particles.

#### Threaded Augers

Part#	Description	Price
400.08	2-1/4" Regular Auger	\$167.40
400.06	3-1/4" Regular Auger	\$147.00
400.05	4" Regular Auger	\$162.60



#### Quick Connect Augers

Part#	Description	Price
300.08	2-1/4" Quick Connect Auger	\$194.60
300.06	3-1/4" Quick Connect Auger	\$168.20
300.05	4" Quick Connect Auger	\$187.40

#### 5/8" Threaded Extensions

Part#	Description	Price
408.02	3' Extension	\$61.20
408.03	4' Extension	\$63.50
408.04	5' Extension	\$66.60

#### Quick Connect Extensions

Part#	Description	Price
309.02	3' Extension	\$94.40
309.03	4' Extension	\$98.10
309.04	5' Extension	\$101.80

### AMS Mud Augers

AMS Mud Augers utilize a laser-cut, open cylinder design for easy removal of heavy, wet, or clay soils. The AMS mud auger features two openings in the cylinder wall to facilitate emptying. It has wider spaced bits than the AMS regular soil auger to allow easy entrance of sticky soils.

#### Threaded Mud Augers

Part#	Description	Price
400.20	2-1/4" Mud Auger	\$189.20
400.18	3-1/4" Mud Auger	\$177.20
400.17	4" Mud Auger	\$211.60



#### Quick Connect Mud Augers

Part#	Description	Price
300.20	2-1/4" Quick Connect Mud Auger	\$213.90
300.18	3-1/4" Quick Connect Mud Auger	\$198.40
300.17	4" Quick Connect Mud Auger	\$231.80

#### 5/8" Threaded Cross Handle

Part#	Description	Price
406.04	18" Rubber Coated	\$41.10
406.80	16" Ratcheting	\$128.60

#### Quick Connect Cross Handles

Part#	Description	Price
306.06	18" Rubber Coated	\$67.30
306.07	18" Ratcheting	\$150.00

# Vane Shear

### Pocket Shear Measurement Device - Metal



The pocket shear vane tester provides a quick and efficient method for determining shear strength values of cohesive soils. It is used for taking on-site measurements of excavations, taking readings of thin-wall or split core soil samples, and for laboratory evaluations. Readings can be made from 0 to 2.5 tsf (1 kg/cm<sup>2</sup>). The dial on the unit reads in 0.05 tsf (0.05 kg/cm<sup>2</sup>) increments.

The shear vane device comes with three vanes, which are easily attached or removed from the device with the included hex-wrench. A custom, heavy-duty, nylon bag is included for storage, and can be quickly attached to a belt or bag with its outer clip. A laminated instructions card is also included to have as a reference when performing tests.

**HM-504A Metal Pocket Shear Vane** \$190.00

### TORVANE Shear Measurement Device - Plastic



The TORVANE® is a hand-held vane shear device for rapid determination of shear strength in cohesive soils either in the lab or field. It allows shear strength to be measured in the sides of test pits, trenches or excavations. The TORVANE® may also be used on the ends of thin wall or split spoon samples and soil chunks removed from the test pits, etc. Its calibrated dial converts torque directly into shear stress in kg/cm<sup>2</sup>. The max reading obtained on the dial is the shear strength.

**S-160 TORVANE Shear Measurement Device** \$142.00

#### Replacement Parts

<b>S-16001</b>	Vane Adapter, 2.5 kg/cm <sup>2</sup> (Small)	\$17.00
<b>S-16002</b>	Vane Adapter, 1.0 kg/cm <sup>2</sup> (Standard)	\$17.00
<b>S-16003</b>	Vane Adapter, 0.2 kg/cm <sup>2</sup> (Large)	\$17.00

### Vane Inspection Set

The Vane Inspection Set provides a rapid check of the stability of foundations, excavations and trenches in clay. The total range is 0 to 260kPa (0 to 2.6 ton/sq. ft.). The scale built into the handle holds the peak value until reset. Accuracy is ±10%. Four different sized vanes are included with the set (16 x 32, 20 x 40, 25.4 x 50.8mm and 50.8 x 101.6mm). The effective ranges are 0 to 260, 0 to 130, 0 to 65 and 0 to 8kPa. (0 to 2.6, 0 to 1.3, 0 to 0.65 and 0 to 0.08tsf). A "dummy" vane is also included to calibrate the six 0.5 meter long extension rods for effects of soil friction. All items come in a compartmentalized vinyl carrying case with three wrenches.

**H-4227 Vane Inspection Set** \$1,050.00



### Basic Soil Sampling Kit

The basic soil sampling kit gives you the ability to auger in most materials up to 12' and collect a soil core sample. The kit includes: a regular sand and mud auger, rubber coated cross handle, soil core sampler, slide hammer, three 4' extensions, plastic liner, plastic end caps, wrenches, cleaning brushes, a carrying case.



#### 5/8" Threaded Kits

Part#	Description	Price
209.53	2.25" Sampling Kit	\$1,478.50
209.51	3.25" Sampling Kit	\$1,435.70

### Spiral Type Auger

ASTM D420, D1452; AASHTO T86, T202



The auger has a 1.5" dia. x 4" long spiral type auger bit. It features gradation marks every 6" and has an overall length of 36", including its handle. The screw-on handle allows for an extension to be added for length beyond 36".

**H-4250 Spiral Type Auger** \$102.00

Other sizes/types of augers, extensions, and cross handles are available. Please inquire at (888) 293-2121 or sales@myerstest.com

**Steel Probe Rod**



The steel probe rod is used to locate soft zones in and under compacted areas or sub grades, footing excavations, etc. The steel probe rod is 3' long x 1/2" dia. and is zinc plated.

**PR-36 Steel Probe Rod 36"** \$25.95

**Fiberglass Probe Rod**



The fiberglass probe rod is safe, non-conducting and ideal for locating irrigation, power and water lines. The shaft diameter is 1/2" and has a zinc tip and a 13.75" t-handle bar.

**S-17348 Fiberglass Probe Rod 48"** \$31.00

**Water Infiltration**

**Double Ring Infiltrometer**

ASTM D3385

The double ring infiltrometer has two stainless steel rings, one 12"Dia. x 20"H and the other 24"Dia. x 20"H. The rings have a double thick welded top edge for increased stability when driving into the soil. A mariotte tube provides a constant head of water for flow tests. Graduations on the side of the tube are used to determine flow rate. A sealed adjusting tube raises and lowers the head inside the infiltrometer ring.

Includes:

- Aluminum driving cap with centering pins (1/2" thick)
- 6" square neoprene splash guards (2)
- Mariotte tubes with 3,000 and 10,000 ml capacities (2)

**4502 Double Ring Infiltrometer** \$2,320.00



**Water Level Indicators**

**Water Level Indicators**

The water level Indicator determines water levels in drainage operations, dams, reservoirs, embankments, wells, bore holes, underground cavities, or any hydrological/geological work. The unit features a jointed design for easy access to difficult openings. A weighted probe is lowered into the opening via a high-strength, flexible cable, while a buzzer and light indicate when the water level has been reached.

Part#	Description	Price
H-4040.150	WLI with 150 Ft. Cable & Stand	\$470.00
H-4040.300	WLI with 300 Ft. Cable & Stand	\$530.00
H-4040.500	WLI with 500 Ft. Cable & Stand	\$560.00
H-4040.50M	WLI with 50 M Cable & Stand	\$470.00
H4040.100M	WLI with 100 M Cable & Stand	\$530.00
H-4040.150M	WLI with 150 M Cable & Stand	\$560.00



**Field CBR Test Set**

**Field CBR Test Set**

ASTM D4429

The CBR test set follows the U.S. Army Corps of Engineers (with optional 3 speed jack) and ASTM recommendations. The set includes a 2-speed 10,000 lbf mechanical jack, swivel head, 8 foot long dial support bridge, piston, piston extension, and connector sets. The penetration dial gauge is provided with a magnetic holder. The set comes complete with 3 surcharge masses, a surcharge plate and proving ring with dial indicator.

**S-180 CBR Test Set** \$4,850.00



**Replacement Parts**

Part#	Description	Price
E-880	Magnetic Gauge Holder	\$52.00
E-812	Penetration Dial Indicator	\$142.00
S-18050	Circular 10lb Surcharge Mass	\$130.00
S-18060	Slotted 10lb Surcharge Mass	\$121.00

Part#	Description	Price
E-281	Proving Ring Adapters 2/set	\$36.00
S-18020	2" x 4" Penetration Piston	\$89.00
S-18030	CBR Extension Rod Set	\$823.00
S-18031	Field CBR Connector Set	\$247.00
S-18040	CBR Bridge Support	\$422.00

Part#	Description	Price
S-18070	Slotted 20lb Surcharge Mass	\$151.00
S-18005	10,000lbf 2-Speed Jack	\$1,329.00
S-18006	Swivel Base for 2-Speed Jack	\$303.00
E-716	10,000lbf Proving Ring w/ Dial	\$649.00

Prices subject to change without notice. Please call to check current pricing.

**Soil Color Charts**

The Munsell Soil Color Charts are used to make soil color evaluations in the field quickly and easily. The color charts allow practitioners from a wide range of professions to share reliable and consistent information about the color of soils at a particular site with colleagues anywhere around the world. The new soil book contains all of the colors that have been available in the past plus the following additional pages:

- White Pages – Used for describing carbonate, silica, gypsum, and soluble salt precipitates and evaporites common to arid and semi-arid environments and very light colored parent materials, such as diatomaceous earth and volcanic ash. The white pages also show half steps from 8.5" – 9.5" value with chromas of 1 and 2 for N, 7.5YR, 10YR and 2.5Y.
- 10Y and 5GY Soil Chart for Glauconitic Soils
- 5R Soil Chart for Australia and Southeast Asia



**H-4368A Soil Color Charts** \$210.00

**Guelph Permeameter**

**Guelph Permeameter**

ASTM D5126

The Guelph Permeameter is an easy to use instrument for quickly and accurately measuring in-situ hydraulic conductivity. Accurate evaluation of soil hydraulic conductivity, soil sorptivity, and matrix flux potential can be made in all types of soils. The equipment can be transported, assembled, and operated easily by one person. Measurements can be done in 30 minutes to 2 hours (depending on soil type) and require only about 2.5 liters of water. Measurements can be made in the range of 15 to 75 cm below the soil surface. It comes complete with the permeameter, field tripod, well auger, well preparation and cleanup tools, collapsible water container, vacuum test hand pump, and carrying case.



**HSM-2100 Guelph Permeameter** \$3,382.50

**Soil Resistivity**

**Soil Resistivity Kit**

ASTM G57



The soil resistivity equipment utilizes the four electrode method developed by the National Bureau of Standards known as the Wenner 4-Pin Method. The test determines the average resistivity of the soil to a depth equal to the spacing between electrodes. The kit is designed for the maximum pin spacing of 20 feet recommended for a standard survey.

The kit comes complete with the soil resistivity reel with four color-coded lead wires harnessed together, four 18" x 3/8" stainless steel soil pins, and a plexiglass soil box with leads for laboratory testing. The components are housed in a sturdy, foam-lined plastic case. Lead wires plug into the reel hub and terminate with spring-loaded clamps at the opposite end.

*Soil Resistance Meter is NOT included with the kit. See to the right for information.*

**HM-940 Soil Resistivity Kit** \$1,010.00

**Soil Resistance Meter**

ASTM G57



The soil resistance meter is used with the resistivity kit to determine soil resistance values that can be read directly from the analog dial of the meter (no calculations necessary.) The wide range, high-sensitivity meter has a large dial for easy readability and 8 ranges from 0.1 Ohms to 1.1 Mega-Ohms. The unit is powered by conventional C-cell alkaline batteries and has a rugged, weatherproof plastic case.

The digital soil resistance meter displays readings instantly with the push of a button. Readings can also be logged in directly to a user's Bluetooth-enabled PC or PDA device using the ProCP Soil Resistivity Software. Logged readings can be automatically date/time stamped with positioning when integrated with the GPS feature in the handheld device. The unit has a total range of 0.01 Ohms to 10 Mega-Ohms and is powered by conventional D-cell alkaline batteries.

**HM-942 Analog Soil Resistance Meter** \$1,274.00

**HM-944 Digital Soil Resistance Meter** \$2,586.50

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### Automatic Soil Compactor

ASTM D558, D559, D560, D698, D1557; AASHTO T99, T134, T135, T180

The compactor automatically compacts and rotates the mold after each blow while keeping track of the number of hammer blows and shuts off once a preset number of blows is reached. The start/stop function of the compactor is independent of the counter. The unit can be used to perform standard or modified compaction tests using a 5.5lb hammer with 12" height of drop or a 10lb hammer with 18" drop. Hammer lift compensates the height of the drop for soil thickness in the mold during compaction. The weight of the hammer is concentrated at the foot, allowing free fall of the hammer.

Includes:

- 1 - 5.5lb Compaction Hammer
- 1 - 10lb Pie-Shaped Hammer
- 1 - Hammer Surcharge Weight (to convert hammers to 10lb)
- 1 - Hammer Safety Device
- 1 - 4" Mold
- 1 - 6" Mold



Replacement Hammers		
Part#	Description	Price
M 415	Old Style Round Hammer 5.5lb	\$152.00
M 416	Old Style Pie Hammer 5.5lb	\$234.65
M 2415	New Style Round Hammer 5.5lb	\$152.00
M 2416	New Style Pie Hammer 5.5lb	\$321.80

**When ordering a replacement hammer, please specify serial # of your compactor so that we may verify what style hammer you need. For more replacement parts please inquire at 888.293.2121 or sales@myerstest.com**

- M-100 Automatic Soil Compactor** \$6,795.00
- M-100-B Automatic Soil Compactor with Safety Cage** \$7,156.00
- M-105C California Method 216 Automatic Soil Compactor** \$6,845.00
- M-100-B-1 Safety Cage Retrofit** \$304.00

### Manual Compaction Hammer 5.5lb

ASTM D558, D698; AASHTO T99

The manual, moisture/density hammer incorporates a 5.5lb weight and a drop of 12" with a 2" face. Its guide sleeve has four vent holes in each end to release built up air pressure.

- HM-305 Manual Compaction Hammer 5.5lb** \$77.50



### Manual Compaction Hammer 10lb

AASHTO T180

The manual, moisture/density hammer incorporates a 10lb weight and a drop of 18" with a 2" face. Its guide sleeve has four vent holes in each end to release built up air pressure.

- HM-306 Manual Compaction Hammer 10lb** \$92.00



### Modified Compaction Mold 6"

ASTM D698, D1557; AASHTO T99, T180

The compaction mold is 4.584" tall with an interior diameter of 6". It has a mold volume of 1/13.33 ft<sup>3</sup> and a steel base plate that is 8" x 8" x 1/2" thick. The mold has a detachable collar and is made of cold-rolled steel tubing that is plated for rust resistance.

- HM-313 Modified Compaction Mold 6"** \$102.50



### Standard Compaction Mold 4"

ASTM D558, D698, D1557; AASHTO T99, T134, T180

The compaction mold is 4.584" tall with an interior diameter of 4". It has a mold volume of 1/30 ft<sup>3</sup> and a steel base plate that is 6" x 6" x 1/2" thick. The mold has a detachable collar and is made of cold-rolled steel tubing that is plated for rust resistance.

- HM-314 Standard Compaction Mold 4"** \$84.50



### Split Compaction Mold 6"

ASTM D698, D1557; AASHTO T99, T180

The compaction mold has a vertical split in its body with 2 quick acting clamps for easy removal of specimen. Its clamps are rotated 15° off the base plate corners for easier installation on automatic mechanical compactors. The mold is 6" ID x 4.584" H with a detachable collar and has a mold volume of 1/13.33 ft<sup>3</sup>. It is made of cold-rolled steel tubing and plated for rust resistance. The steel base plate is 8" x 8" x 1/2" thick.

- HM-315 Split Compaction Mold 6"** \$153.50



### Split Compaction Mold 4"

ASTM D558, D698, D1557; AASHTO T99, T134, T180

The compaction mold has a vertical split in its body with 2 quick acting clamps for easy removal of specimen. Its clamps are rotated 15° off the base plate corners for easier installation on automatic mechanical compactors. The mold is 4" ID x 4.584" H with a detachable collar and has a mold volume of 1/30 ft<sup>3</sup>. It is made of cold-rolled steel tubing and plated for rust resistance. The steel base plate is 6" x 6" x 1/2" thick.

- HM-316 Split Compaction Mold 4"** \$129.50



### LBR Mold 6"

The compaction mold has a volume of 1/13.33 ft<sup>3</sup>. The cold-rolled steel mold has dimensions of 6" ID x 6.1" H with a 2.5" detachable collar. Its collar extension and solid base plate can be clamped on either end of the cylinder. The LBR test requires a spacer disc (sold separately).

- BRA-59 LBR Mold 6"** \$148.50

- BRA-62 LBR Spacer Disc** \$76.00



### Beveled Straight Edge

ASTM C185, D558, D559, D560, D698, D1557; AASHTO T137

The beveled straight edge is used to strike off samples in containers, measures or molds.

- HM-307 Beveled Straight Edge 12"** \$18.50



### Liquid Limit Test Set

ASTM D4318; AASHTO T89, T90

The liquid limit set is recommended for performing Atterberg or liquid limit tests in accordance with ASTM specifications. The Atterberg of Liquid Limit Testing determines the water content at which soil changes from a liquid to a plastic state. A soil sample is placed into the cup of the liquid limit machine and separated into two halves using a grooving tool. The crank on the machine is then rotated so that the cup holding the sample strikes the base of the test machine. The number of blows is recorded until the two halves flow together and close the groove.

Set Includes:

- Liquid Limit Machine
- Mixing Dish
- Spatula
- Graduated Cylinder
- Set of Sample Cans (48/set)



- HM-300 Liquid Limit Test Set without Counter** \$332.00

- HM-300C Liquid Limit Test Set with Counter** \$418.00

### Soil Grinder

The soil grinder quickly prepares dry soil samples for liquid limit tests, particulate size analysis and other standard lab tests. It preserves true grain size for accurate and repeatable test results. The grinder is also a more efficient method of reducing agglomerations of caked soils to individual grains. The 1 pint capacity hopper features a manually operated gate to control feed rate of the grinding chamber. A #10 stainless steel cloth is included and retains larger particles. Most soil types can be processed in less than 30 seconds per pint.



- HM-375 Soil Grinder** \$835.00

### Resiliency Tester

ASTM D4318

The unit is used to test resiliency of the hard rubber base of liquid limit machines, which should be done at 90-day intervals to ensure the base is in compliance with ASTM D4318. The device consists of a clear acrylic tube and cap, a 5/16" dia. steel ball, and a small bar magnet. Gauge block shown in picture not included.

- H-4233 Resiliency Tester** \$96.00



Part#	Description	Price
PA-070	ASTM Plastic Grooving Tools 10/pk	\$24.00
H-4229	ASTM Metal Grooving Tool & Gauge Block	\$28.90
H-4229.1	ASTM Metal Grooving Tool without Block	\$24.60
H-4232	AASHTO Metal Grooving Tool	\$36.00
HM-109	Mortar & Pestle	\$11.00
H-4258	Rubber Tipped Pestle	\$8.50
HM-109-11	Mortar & Rubber Tipped Pestle	\$19.50
MA-278	Evaporation Dish, 250ml	\$14.25
H-4904	Spatula, 3/4" W x 4" L	\$8.00
SC-498	Sample Tins, 2oz 12/pk	\$14.00
GW-21	Glass Graduated Cylinder, 25ml	\$14.80
H-4222D	Durometer, Type D	\$390.00



### Liquid Limit Machine without Counter

ASTM D4318; AASHTO T89, T90

The brass cup is suspended from an adjustable sliding holder which sets the height of the drop from a thumb screw in the back. The brass cup can be easily removed for cleaning and inspection. The hard rubber base is machined on all sides and its rubber feet isolate it from the work surface. It includes a pack of 10 ASTM plastic grooving tools.



- HM-303 Liquid Limit Machine without Counter** \$282.00

### Liquid Limit Machine with Counter

ASTM D4318; AASHTO T89, T90

The brass cup is suspended from an adjustable sliding holder which sets the height of the drop from a thumb screw in the back. The brass cup can be easily removed for cleaning and inspection. The hard rubber base is machined on all sides and its rubber feet isolate it from the work surface. It includes a pack of 10 ASTM plastic grooving tools. The mechanical counter records the number of cup drops.



- HM-301 Liquid Limit Machine with Counter** \$365.00

### Motorized Liquid Limit Machine with Counter

ASTM D4318; AASHTO T89, T90

The motorized liquid limit machine gives uniform testing with a greater degree of accuracy. The unit comes with a geared motor to give proper operating speed and an automatic counter. The machine is attached to a metal plate with rubber feet. It includes a 10 pack of ASTM plastic grooving tools.



- HM-302A Motorized Liquid Limit Machine** \$740.00

### Liquid Limit Machine Replacement Parts Parts Not Compatible with Humboldt Machines

Part#	Description	Price
PA-107	Brass Cup with Screws	\$46.25
MA-1656	Cam Follower	\$19.75
MA-1665	Base without counter	\$86.25
MA-1661	Hard Base for Machine with Counter	\$82.50

### Humboldt Liquid Limit Machine Replacement Parts for Humboldt Machines Only

Part#	Description	Price
H-4231	Brass Cup with Screws	\$37.70
H-4231.1	Brass Cup with Screws & Cam Follower	\$52.00
H-4230.1	Base	\$85.80

### Plastic Limit Test Set

ASTM D4318; AASHTO T90

The plastic limit set includes all components to perform the plastic limit test in accordance with ASTM and AASHTO standards

**Includes:**

- SA-66 Plastic Limit Plate, 12x12x3/8"
- MA-278 Evaporation Dish
- H-4904 Spatula 4"
- GW-21 Glass Graduated Cylinder 25ml
- H-1350.3A Sample Cans, 48/set



- H-4253 Plastic Limit Test Set \$84.00
- SA-66 Replacement Limit Plate \$38.50

### Plastic Limit Roller

ASTM D4318; AASHTO T90



The plastic limit test set consists of top and bottom roller plates separated by 1/8" side rails. Contact surfaces of the plates are covered with sheets of special adhesive-backed absorbent paper that adds no fiber to the soil samples. The specimen are rolled between the moving top plate and the fixed bottom plate. Soil thread diameters are reduced by back and forth action until the top plate contacts the 1/8" side rails, preventing further thread size reduction.

- SA-18 Plastic Limit Roller \$196.00
- SAA-9 Replacement Adhesive Paper, 50 Sheets \$6.50

### Shrinkage Limit Test Set

ASTM D4943

Samples for shrinkage limit tests are usually taken from a larger sample prepared for liquid and plastic limit tests. A soil specimen with moisture content above the liquid limit is placed in the shrinkage dish and struck off with a straightedge. The sample is then oven dried. After coating in wax, volume of the soil pat is computed by weighing in water and noting the difference from its weight in air.

The shrinkage limit set includes a special Monel shrinkage dish, a metal straightedge, fine thread to suspend the soil pat, a glass calibration plate and a tube of petroleum jelly, used when calibrating the dish.

- SA-56 Shrinkage Limit Test Set \$39.50
- SAA-15 Microcrystalline Wax, 5lb \$85.00



# Hydrometer Testing

### Soil Dispersion Mixer

ASTM D422; AASHTO T88

The mixer is used for dispersing soil suspensions used in the hydrometer method of testing subgrade soils. The unit is heavy-duty and operates at a speed above 10,000 RPM (no load). It includes a stirring apparatus with stainless steel paddle and chrome plated dispersion cup with 4 sets of permanent interior baffles. The rounded cup bottom prevents soil accumulation. The unit comes with a 5' cord and a 3-prong plug.



- H-4260A Soil Dispersion Mixer with Cup \$429.00
- Replacement Parts
- H-4265 Soil Dispersion Cup \$55.00
  - H-4266 Soil Dispersion Paddle \$3.40

### Hydrometer Water Bath

ASTM D422; AASHTO T88



The hydrometer bath is designed to provide a 68°F ambient temperature (accurate to within 0.1% of the input span ±1°F) throughout the unit by using a microprocessor-based temperature control with integral heater and chiller. The temperature range can be set between 50°F and 120°F. The bath is fully insulated and includes a circulating pump, stainless steel shelf, and has a capacity of 8 hydrometer jars.

- H-4239A Hydrometer Water Bath \$3,140.00

### Soil Hydrometer Jar, 1000ml

ASTM C775, D422; AASHTO T88

Tests for complete particle size distribution in soils require sedimentation methods to determine silt and clay fractions. Soil specimens are mixed in a solution of water and sodium hexametaphosphate. Hydrometers are used to measure suspended solids in sedimentation cylinders over time periods of up to 24 hours. The 1,000ml hydrometer jar is required for each sample. It is made of heavy-wall clear glass with a stable base, scribed at the 1,000ml mark.



- SA-5 Soil Hydrometer Jar 1000 ml \$56.00

### Soil Hydrometer

ASTM C775, D422; AASHTO T88

Tests for complete particle size distribution in soils require sedimentation methods to determine silt and clay fractions. Soil specimens are mixed in a solution of water and sodium hexametaphosphate. Hydrometers are used to measure suspended solids in sedimentation cylinders over time periods of up to 24 hours.



- SA-1 Soil Hydrometer 0.995 - 1.039 SpG (151H) \$22.00
- SA-2 Soil Hydrometer -5 - 60g (152H) \$22.00

### Sodium Hexametaphosphate

ASTM D422; AASHTO T88

Sodium hexametaphosphate is a dispersing agent used in combination with gradation analysis of soils.



- SA-20 1lb Container \$8.50
- SA-20C 6lb Container \$41.00
- H-4247.10 10lb Container \$70.00

## Load Frames

If the load frame you are looking for is not shown below please inquire at 888.293.2121 or sales@myerstest.com

### Manual CBR Load Frame

ASTM D1883; AASHTO T193

The manual load frame uses a two position mechanical jack to provide steady test speeds as well as rapid travel of the platen for positioning of the sample. The unit includes a 11,000lbf calibrated load ring, 1.95" dia. penetration piston, 1" x .001" dial indicator, and dial indicator bracket.



- H-4156 Manual CBR Load Frame \$2,220.00

### Replacement Parts for H-4156

ASTM D1883; AASHTO T193



Part#	Description	Price
H-4454.100	11,000lbf Calibrated Load Ring	\$860.00
H-4178	1.95" Dia. Penetration Piston	\$70.00
2307-1	1" x .001" Dial Indicator	\$79.00
H-4178BR	Dial Indicator Bracket	\$62.00
H-4156j	2-Speed Mechanical Jack (H-4156 Only)	\$1,144.00

### Multi-Function Load Frame

ASTM D1633, D1883 D2166, D2850, D4767, D5581, D6927; AASHTO T193, T208, T245, T283, T297

The multi-function load frame is designed to perform CBR, UC, UU and Marshall testing. The frame uses a 3/4 hp dc drive motor and controller. The adjustable speed range maintains speed regulation within 1%. Its strain rate range is 0.02" - 2.0". Load frame accessories sold separately. To get pricing please call 888.293.2121 or email sales@myerstest.com



- 7691 Multi-Function Load Frame \$3,850.00

### Replacement Parts

Part#	Description	Price
5510	10,000lbf Load Ring w/ Dial Ind.	\$675.00
5510-D	10,000lbf Load Ring w/ Digital Ind.	\$925.00
7010-B	Penetration Piston	\$70.00
2307-1	1" x .001" Dial Indicator	\$79.00
7021	Dial Indicator Holder	\$35.00



## Test Components

### CBR Filter Paper

CBR filter paper is coarse grade and used to separate spacer discs and soil in the CBR mold during compaction operation or over the top surface of the soil when the compaction operation is completed.

- BRA-76 CBR Filter Paper, 100/pk \$12.00

### CBR Mold

The CBR mold is 6" ID x 7" H with a 2" detachable collar. It has a 0.1145ft<sup>3</sup> volume. Its collar extension and perforated base plate can be clamped on either end of the cylinder.

- HM-319 CBR Mold \$155.00

### Swell Plate

The swell plate has a perforated 5-7/8" diameter base with an adjustable stem. The contact end of the stem is easily locked in place with a knurled nut.

- HM-320 Swell Plate \$110.00

### Swell Tripod Attachment

The metal swell tripod attachment supports the dial gauge for measuring the amount of swell during soaking.

- HM-345 Tripod Attachment \$54.00

### CBR Spacer Disc

The spacer disc is used as a false bottom on a soil mold during the compaction process. It is plated with rust-resistant steel and is 2.416"H x 5-15/16" Dia.

- HM-321 Spacer Disc \$81.75



### Cutting Edge

The cutting edge has a 6" interior diameter and is 2" high. It has a recess in the upper section to allow the edge to be mounted at either end of the mold to facilitate sample removal in the field.

- H-4174 Cutting Edge \$42.50

### CBR Surcharge Weights

Surcharge weights are used in the application of surcharged loads on the soil's surface during soaking and penetration.

- HM-317 Circular 5lb \$35.50
- HM-318 Slotted 5lb \$55.00
- H-4177 2-Part 10lb (Field Use) \$97.50
- H-4179 Slotted 10lb (Field Use) \$146.00



### CBR Filter Screen

The 100 mesh brass screen is 5-15/16" in diameter.

- H-4154 Filter Screen \$10.00

Load Frame & Accessories

Load Frame & Accessories

Triaxial Load Frame

ASTM D927, D1633, D1883 D2166, D2850, D4767, D5581, D6927; AASHTO T193, T208, T245, T283, T297

The triaxial load frames feature high speed platen advances to rapidly position the platen for faster setup. Along with triaxial testing, the load frames can be used for CBR, UCC, UU, and Soil Cement. Each unit has a load capacity of 10,000lb. The frame opening dimensions are 18"W x 29"D x 54.5"H.

- 7611 Load Frame (Strain Rate of 0.001 - 0.1"/min) \$3,760.00
7621 Load Frame (Strain Rate of 0.0001 - 0.3"/min) \$4,225.00
7631 Load Frame (Strain Rate of 0.00001 - 0.3"/min) \$4,800.00



Triaxial Test Chamber

ASTM D2850, D4767, D5084; AASHTO T269, T297

The triaxial test chambers have a precision ground and polished stainless steel load piston designed for very low breakaway friction. The piston is guided through linear ball bearings and sealed with an internally lubed U-cup. A piston lock and dial indicator bracket are supplied with each unit. Triaxial chambers can also be used for flexible wall permeability testing applications.

- 3400 Test Chamber, 3" with 2.8" Cap \$1,635.00
3500 Test Chamber, 4" with 4" Cap \$2,155.00
3600 Test Chamber, Up to 6" \$4,250.00



2 Part Miter Box

Vacuum Split Mold

2 Part Compaction Mold

Latex Membranes

Membrane Stretcher

O-Ring Placing Tool

O-Rings



2 Part Miter Boxes

The 2 part split miter box is used with undisturbed samples and for sample trimming of cohesive soils.

Table with 3 columns: Part#, Description, Price. Lists various miter box models and their prices.

2 Part Compaction Molds

The 2 part compaction mold is constructed of aluminum and has an easy-close band clamp. Each mold comes complete with a base plate and collar.

Table with 3 columns: Part#, Description, Price. Lists various compaction mold models and their prices.

O-Rings

The o-rings secure the open ends of the membrane to the pedestals.

Table with 3 columns: Part#, Description, Price. Lists various O-ring models and their prices.

O-Ring Placing Tools

The o-ring placing tool allows for easy placement of o-rings on samples with a minimum disturbance to the specimen.

Table with 3 columns: Part#, Description, Price. Lists various O-ring placing tool models and their prices.

Latex Membranes

Latex membranes seal triaxial and permeability soil specimens in test chambers.

Table with 3 columns: Part#, Description (D x T x L, 12/pk), Price. Lists various latex membrane models and their prices.

Membrane Stretchers

Table with 3 columns: Part#, Description, Price. Lists various membrane stretcher models and their prices.

Porous Stone



Load Ring



Load Cell



Dial Indicator



Digital Indicator



Filter Paper



1/2" Thick Porous Stone

Table with 3 columns: Part#, Description, Price. Lists various 1/2 inch thick porous stone models and their prices.

1/4" Thick Porous Stone

Table with 3 columns: Part#, Description, Price. Lists various 1/4 inch thick porous stone models and their prices.

Load Rings

Load rings are used for compression measurement. They are machined from high strength aluminum alloy and designed for repeatable elastic deformation under varying loads. Deformation is measured to ±0.5% with the included calibration chart.

Table with 3 columns: Part#, Description, Price. Lists various load ring models and their prices.

Filter Paper, 100/pk

Table with 3 columns: Part#, Description, Price. Lists various filter paper models and their prices.

Load Cells

The load cells are made of stainless or nickel alloy plated steel and measure in either compression or tension to an accuracy of less than 0.0300% strain.

Table with 3 columns: Part#, Description, Price. Lists various load cell models and their prices.

Mechanical Dial Indicators

Dial indicators have one hundred divisions per revolution and a revolution counter. Low friction mechanisms react instantly with contact pressure. The dial face is 2.25" in diameter.

Table with 3 columns: Part#, Description, Price. Lists various mechanical dial indicator models and their prices.

Digital Dial Indicators

Digital indicators include a hold feature to lock peak readings on the digital display. Supplied with batteries that provide 250 hours of use.

Table with 3 columns: Part#, Description, Price. Lists various digital dial indicator models and their prices.

Permeameters

Control Panels

If the control panel you are looking for is not shown below please inquire at 888.293.2121 or sales@myerstest.com


Test Systems

**Compaction Permeameter**  
ASTM D5856

The compaction permeameter determines the permeability of clay, sand and gravel soils. The molds come with upper and lower plates that have inlet/outlet connectors to allow the flow of water through the compacted sample. The overflow valve on the top plate is designed for air removal during the test. A porous stone filter is also provided.

4050 Compaction Permeameter 4" \$360.00

4051 Compaction Permeameter 6" \$402.00




**Shelby Tube Permeameter**

The shelby tube permeameter allows tests to be performed on undisturbed soil samples in sections of 3" diameter shelby tubes. The apparatus consists of corrosion-resistant top and bottom plates, valves, two porous stones, two stainless steel screens, and three threaded rods with tilt nuts for quick repositioning. The inside of the top plate is concave for de-airing. The tie rods extend to permit testing in shelby tubes up to 12" long under constant or falling head conditions.

3913 Shelby Tube Permeameter 2" \$305.00

3914 Shelby Tube Permeameter 2.5" \$305.00

3915 Shelby Tube Permeameter 3" \$305.00




**Flex Panels**  
ASTM D5084; BS 1377 Part 6 1990

The flex panels feature longer burettes and 0.02ml graduation that give more accurate results and faster turnaround time. The bias pressure regulator allows simultaneous control of confining and back pressures, while maintaining a constant differential. The bridge feature delivers simultaneous control of base and top pressures by adjusting one pressure regulator. Each flex panel includes a digital readout pressure meter, a pressure supply gauge, master pressure regulator, vacuum supply gauge, master vacuum regulator, de-aired water tank controls, tap and de-aired water supply outlets and pressure and vacuum outlets.

HM-4140.3F Master Control Flex Panel, 2-150 psi (0.1 psi) \$1,820.00

HM-4150.3F 1 Cell Control Flex Panel, 2-150 psi (0.1 psi) \$4,680.00

HM-4160.3F 2 Cell Control Flex Panel, 2-150 psi (0.1 psi) \$7,540.00




**CONBEL® Load Frame**  
ASTM D2435, D4546; AASHTO T216

The CONBEL® Pneumatic/Dead-Weight Consolidation System instantaneously applies and maintains pneumatic loads for precision consolidation testing and features a dead-weight mechanism for application of small loads from 100—3,200tsf (4.8—153.2kPa). All necessary weights are included. Applied loads are maintained by a precision pressure regulator. The self-contained system includes a digital readout and pressure transducer with a linearity of ±0.1%.

1016 CONBEL® Load Frame 16 TSF \$2,260.00

1032 CONBEL® Load Frame 32 TSF \$2,260.00

1064 CONBEL® Load Frame 64 TSF \$2,570.00




**Dead Weight Consolidation Frame**  
ASTM D2435, D4546; AASHTO T216

The dead weight consolidation frame, or oedometer, is simple and efficient to use. The compact table-top frame is constructed of anodized aluminum for corrosion resistance. The unit has a capacity of 48tsf and is equipped with a rear weight counterbalance beam assembly, allowing 9:1, 10:1 or 11:1 beam ratios. The design allows instantaneous loading with minimal impact. The frame stand allow the bench top of the dead weight consolidation load frame to stand free on the floor.

1100 Dead Weight Consolidation Frame \$990.00

1100-1 Dead Weight Frame Stand \$295.00



**Constant/Falling Head Permeameter**

Combination permeameters test granular samples using either the constant-head or falling-head methods. The set comes complete with the permeameter, manometer tube, two funnels, either porous stones or perforated screens depending on diameter, and tubing for connection to water source.

*The units do not strictly meet ASTM standards due to the lack of a sidewall manometer port.*


3891 C/F Head Permeameter 2.5" I.D. \$490.00

3892 C/F Head Permeameter 3" I.D. \$490.00

3893 C/F Head Permeameter 4.5" I.D. \$635.00

3894 C/F Head Permeameter 6" I.D. \$870.00

3895 C/F Head Permeameter 9" I.D. \$1,030.00



**Sand/Gravel Permeameter**  
ASTM D2434; AASHTO T215

The ASTM/AASHTO, sand/gravel permeameters test granular samples using either the constant-head or falling-head methods. The permeameters are equipped with sidewall manometer ports in order to meet specification.

3801 Sand/Gravel Permeameter 2.5" \$345.00

3802 Sand/Gravel Permeameter 3" \$345.00

3803 Sand/Gravel Permeameter 4.5" \$495.00

3804 Sand/Gravel Permeameter 6" \$735.00

3805 Sand/Gravel Permeameter 9" \$895.00



**1 Cell Auxillary Panel Add On**  
ASTM D5084; BS 1377 Part 6 1990

HM-4150A 1 Cell Auxillary Panel \$3,224.00



**2 Cell Auxillary Panel Add On**  
ASTM D5084; BS 1377 Part 6 1990

HM-4160A 2 Cell Auxillary Panel \$6,135.00




**Replacement Parts**

Part#	Description	Price
1016-1	Black Cross Bar	\$75.00
1016-15	Small Diaphragm	\$50.00
1016-24A	Dial Indicator Bracket	\$50.00
1016-5	Dial Indicator Rod	\$30.00

**ConMatic IPC Automatic Consolidation Frame**  
ASTM D2435, ASTM D4546; AASHTO T216; BS 1377:5

The ConMatic IPC is a fully-automated, incremental pressure controller for performing incremental consolidation and one-dimensional swell tests. Allows consolidation, constant load and volume swell tests to be run automatically.

HM-5470.3F ConMatic Consolidation Frame \$7,850.00



Control Panels

If the control panel you are looking for is not shown below please inquire at 888.293.2121 or sales@myerstest.com

**Karol Warner Master Logic Control Panel**  
ASTM D2850, D4767, D5084; AASHTO T296, T297

The control panel combines precise control, logical layout and quality components for accuracy and ease of operation. The controls on the upper half of the panel regulate air pressure to the specimen chamber while the lower controls regulate the water supply. All cell and burette pressures are individually adjustable and easily monitored by a single digital pressure gauge. Precision regulators and valves allow accurate setting of critical pressures during saturation, consolidation and testing phases. Effective cell sample back pressure is controlled through a single regulator, which is useful during the saturation phase and causes no change in effective stress.


3230M Master Logic Control Panel \$3,785.00



**Karol Warner Add-On Logic Control Panel**  
ASTM D2850, D4767, D5084; AASHTO T296, T297

The control panel allows additional triaxial and permeability test chambers to be added economically for increased productivity. It attaches directly to the Master Logic Control Panel and uses its digital pressure readout to display the confining cell pressures. The Add-On Logic Panel includes the identical precision regulators, valves, reservoir and burette assemblies as the Master Logic Control Panel, but does not include a digital pressure gauge.

3230A Add On Logic Panel \$3,175.00



The auxillary panel provides additional sets of burettes for 1 cell, which can be used to expand the capacity of a system. Each set of three burettes provide the controls necessary for another cell to be used. Any combination of up to five burette sets can be used with each control panel.

The auxillary panel provides additional sets of burettes for 2 cells, which can be used to expand the capacity of a system. Each set of three burettes provide the controls necessary for another cell to be used. The 2 cell panel provides 2 sets of 3 burettes. Any combination of up to five burette sets can be used with each control panel.

Accessories

Calibration Disc

Consolidometer

Slotted Weights

Dial & Digital Indicators  
Prices shown on page 97



**Calibration Discs**

Part#	Description	Price
1214-A	Calibration Disc 50MM	\$42.00
1214-B	Calibration Disc 2"	\$42.00
1214-C	Calibration Disc 60MM	\$70.00
1214-D	Calibration Disc 2.42"	\$70.00
1214-E	Calibration Disc 2.5"	\$42.00
1214-G	Calibration Disc 75MM	\$60.00
1214-J	Calibration Disc 4"	\$115.00
1214-L	Calibration Disc 73MM	\$60.00

**Floating Ring Consolidometers**

Part#	Description	Price
1210-B	2" Dia. with Cutter	\$285.00
1210-D	2.42" Dia. with Cutter	\$325.00
1210-E	2.5" Dia. with Cutter	\$325.00
1210-G	2.87" Dia. with Cutter	\$402.00

**Slotted Weight Sets**

1119 8 TSF Weight Set \$374.00  
Includes:  
2 - 1/8 TSF Weights  
1 - 1/4 TSF Weight  
1 - 1/2 TSF Weight  
1 - 1 TSF Weight  
1 - 2 TSF Weight  
1 - 4 TSF Weight

1120 16 TSF Weight Set \$644.00  
Includes:  
2 - 1/8 TSF Weights  
1 - 1/4 TSF Weight  
1 - 1/2 TSF Weight  
1 - 1 TSF Weight  
1 - 2 TSF Weight  
3 - 4 TSF Weights

1121 32 TSF Weight Set \$1,184.00  
Includes:  
2 - 1/8 TSF Weights  
1 - 1/4 TSF Weight  
1 - 1/2 TSF Weight  
1 - 1 TSF Weight  
1 - 2 TSF Weight  
7 - 4 TSF Weights

**Slotted Weights**

Part#	Description	Price
1120-1	1/16 TSF Slotted Weight	\$26.00
1120-2	1/8 TSF Slotted Weight	\$26.00
1120-3	1/4 TSF Slotted Weight	\$31.00
1120-4	1/2 TSF Slotted Weight	\$35.00
1120-5	1 TSF Slotted Weight	\$47.00
1120-6	2 TSF Slotted Weight	\$74.00
1120-7	4 TSF Slotted Weight	\$135.00
1121-1	.5 KG Slotted Weight	\$28.00
1122-1	1 KG Slotted Weight	\$26.00
1122-2	2 KG Slotted Weight	\$38.00
1122-4	4 KG Slotted Weight	\$50.00
1122-5	5 KG Slotted Weight	\$63.00
1122-8	8 KG Slotted Weight	\$78.00
1122-10	10 KG Slotted Weight	\$120.00

1122 32 KG Weight Set 410.00  
Includes:  
4 - 1 KG Weights  
3 - 4 KG Weights  
2 - 8 KG Weights

1123 64 KG Weight Set \$744.00  
Includes:  
4 - 1 KG Weights  
5 - 4 KG Weights  
5 - 8 KG Weights

1124 88 KG Weight Set \$978.00  
Includes:  
4 - 1 KG Weights  
5 - 4 KG Weights  
8 - 8 KG Weights

De-Airing Water Tanks

**De-Airing Water Tank**

The de-airing tank is designed to remove dissolved gasses from ordinary tap water. The apparatus consists of a closed cylinder with hose attachments. Requires a vacuum pump (sold separately).


HM-4187H De-Airing Water Tank \$515.00



**De-Airing Water System**

The de-airing water system produces 8 liter batches of de-aired water without the use of heat. With its combined mechanical agitation and vacuum evacuation, it can de-air water to less than 0.5 pph dissolved oxygen in 4 minutes. Requires a vacuum pump and 1/55hp motor 110V (sold separately).

HM-4187A.3F De-Airing Water System \$1,455.00



Machines

Accessories

Direct Shear Machine, 2.5" Ring

ASTM D3080; AASHTO T236

The direct shear machine is a tabletop unit that uses the CONBEL® loading system to apply vertical confining pressures to the soil specimens. Confining loads are applied pneumatically using a small, rolling diaphragm piston for light loads of 4 - 100lbf and a larger diameter piston for loads up to 1,500lbf. The design increases the sensitivity and accuracy of the light load system. Loading is controlled using the precision regulator with an included calibration chart. Load settings are displayed digitally and are accurate to ±0.25%.

Direct Shear vs. Digital Direct Shear

The direct shear machine includes a load cell with digital readout to measure shear loads. The consolidation and shear displacement are measured using analog dial indicators. The direct shear uses the pneumatic loading concepts for applying the vertical load to the sample, which eliminates the need for loading weights.

The digital unit includes a load cell with digital readout for shear load measurement. Consolidation and shear displacement are measured with horizontal and vertical displacement transducers instead of dial indicators. An RS-232 data output transfers data to the user's PC in ASCII format. The unit requires a 90 psi user supplied compressed air source.



2001 Direct Shear Machine, 2.5" Shear Ring \$8,650.00

2001-D Digital Direct Shear Machine, 2.5" Shear Ring \$9,650.00

Dead Weight Direct Shear Machine, 2.5" Ring

ASTM D3080; AASHTO T236

The dead weight direct shear machine uses a 10:1 beam loading device to control confining pressures. A load cell with digital readout displays shear force and analog dial indicators measure vertical shear displacement. A stepper motor drive controls the strain rate within 1% and is easily adjustable using digital thumb wheel controls. The unit includes a 2.5" diameter stainless steel shear ring, porous stones, drainage plates, loading block, and a Teflon coated anodized aluminum water chamber.



- The strain rate can be set from 0.0001 - 0.3 in/min
- Maximum shear displacement is 0.8"
- Travel is set with limit switches
- Vertical load capacity is 1,411lb
- Maximum horizontal shear force is 1,500lbf
- Options for data collection on a PC

2050 Dead Weight Direct Shear Machine, 2.5" Ring \$7,950.00

Large Direct Shear Machine

ASTM D3080; AASHTO T236

The large direct shear machine is designed to measure the total resistance to shear of large, 12" square soil samples or within a soil/geosynthetic specimen. The machine uses the CONBEL® system for loading the samples. The soil specimens are mounted in a two piece shear ring assembly, divided in half horizontally. The bottom half is held securely in place and a vertical confining force is applied. Horizontal force is then directed against the upper half of the ring to shear the specimen.

The large direct shear machine is capable of applying maximum piston loads of 10,000lbf and 20,000lbf. It is ruggedly designed for harsh lab environments. Casters on the machine and compaction table make for easy portability in the lab. The compaction table, top and bottom of the shear rings, software, and data cable are included. A 120 psi source of clean, dry compressed air is required for operation.



2012 Large Direct Shear Machine Call for Pricing

Digital Readouts & Transducers

Digital Readouts

Digital readouts are self-contained units with large, real time, illuminated displays. A separate analog to digital converter for each channel produces simultaneous readings without time delay errors. A PC data port is included, along with software to export data to an Excel® Spreadsheet for review and plotting of graphs.



Digital Displacement Transducers

The linear digital displacement transducers have anodized aluminum housing and a stainless steel actuating shaft with an anti-rotation device. They are constructed with the industry proven double bearing system on both the actuator shaft and spring to reduce side load errors. Each unit has a repeatability of 0.002mm and includes two fixing clamps, screws and gauging head with hardened ball point.

Part#	Description	Price
6541	Readout with 500lb Load Cell	\$840.00
6542	Readout with 1,000lb Load Cell	\$840.00
6543	Readout with 2,000lb Load Cell	\$840.00
6544	Readout with 5,000lb Load Cell	\$950.00
6545	Readout with 10,000lb Load Cell	\$950.00
6551	Readout w/ Transducer (0-0.2")	\$890.00
6552	Readout w/ Transducer (0-0.5")	\$890.00
6553	Readout w/ Transducer (0-1")	\$985.00
6554	Readout w/ Transducer (0-2")	\$985.00
Part#	Description	Price
6572	2 Channel Readout w/ RS232 Output Only - No Transducer	\$1,045.00
6572-28	2 Channel Readout w/ 2" Transducer & 10,000lb Load Cell	\$1,885.00
6572-28X	2 Channel Readout w/ Pore Pressure Transducer 10,000lb Load Cell	\$1,885.00
6574	4 Channel Readout w/ RS232 Output Only - No Transducer	\$1,775.00

Part#	Description	Price
6151	0.5" Displacement Transducer	\$385.00
6152	1" Displacement Transducer	\$385.00
6153	2" Displacement Transducer	\$385.00
6154	4" Displacement Transducer	\$475.00
6155	6" Displacement Transducer	\$475.00
6151-1	Mounting Bracket	\$12.00

Prices subject to change without notice. Please call to check current pricing.

Extruders



Extruders are used with the dead weight and pneumatic shear machines. They feature a robust handle for easy control when working with samples to evaluate the strength and stability of soils. They are available in both round and square configurations in a variety of sizes.

Part#	Description	Price
2049DE	Round Extruder 50MM Dia.	\$53.00
2050DE	Round Extruder 2" Dia.	\$53.00
2052DE	Round Extruder 2.42" Dia.	\$50.00
2053DE	Round Extruder 2.5" Dia.	\$50.00
2054DE	Round Extruder 4" Dia.	\$78.00
2055DE	Round Extruder 100MM Dia.	\$91.00
2056DE	Round Extruder 2.875" Dia.	\$62.00
2057DE	Round Extruder 60MM Dia.	\$50.00

Part#	Description	Price
2049SE	Square Extruder 50MM Dia.	\$84.00
2051SE	Square Extruder 2" Dia.	\$84.00
2052SE	Square Extruder 2.42" Dia.	\$68.00
2053SE	Square Extruder 2.5" Dia.	\$104.00
2054SE	Square Extruder 4" Dia.	\$88.00
2055SE	Square Extruder 100MM Dia.	\$88.00
2057SE	Square Extruder 60MM Dia.	\$104.00

If you can't find the size you are looking for please inquire at 888.293.2121 or sales@myerstest.com

Shear Cutters



Shear cutters are available in round and square configurations in a variety of sizes. They are used with the dead weight and pneumatic shear machines to accommodate differing sample sizes and shapes.

Part#	Description	Price
20149	Round Cutter 50MM Dia.	\$75.00
20151	Round Cutter 2" Dia.	\$60.00
20152	Round Cutter 2.42" Dia.	\$65.00
20153	Round Cutter 2.5" Dia.	\$65.00
20154	Round Cutter 4" Dia.	\$90.00
20155	Round Cutter 100MM Dia.	\$110.00
20157	Round Cutter 60MM Dia.	\$68.00
20158	Round Cutter 2.37" Dia.	\$75.00

Part#	Description	Price
20149S	Square Cutter 50MM Dia.	\$170.00
20151S	Square Cutter 2" Dia.	\$170.00
20152S	Square Cutter 2.42" Dia.	\$180.00
20153S	Square Cutter 2.5" Dia.	\$180.00
20154S	Square Cutter 4" Dia.	\$187.00
20155S	Square Cutter 100MM Dia.	\$187.00
20157S	Square Cutter 60MM Dia.	\$180.00
20161S	Square Cutter 3" Dia.	\$175.00

Part#	Description	Price
20053-02	Shear Ring Drainage Plate 2.5" Dia.	\$35.00
20053LP	Aluminum Load Pad for 2.5" Shear Ring	\$60.00

Shear Rings



Shear rings are horizontally divided to allow opposing shear forces to be applied to soil specimens that have been carefully trimmed to fit. They are available in round or square configurations in a variety of sizes.

Part#	Description	Price
20049	Round Ring 50MM Dia.	\$590.00
20050	Round Ring 1.935" Dia.	\$550.00
20051	Round Ring 2" Dia.	\$550.00
20052	Round Ring 2.42" Dia.	\$550.00
20053	Round Ring 2.5" Dia.	\$625.00
20054	Round Ring 4" Dia.	\$700.00
20055	Round Ring 100MM Dia.	\$710.00
20056	Round Ring 2.875" Dia.	\$675.00
20057	Round Ring 60MM Dia.	\$600.00
20059	Round Ring 70MM Dia.	\$675.00
20061	Round Ring 3" Dia.	\$720.00

Part#	Description	Price
20049S	Square Ring 50MM Dia.	\$745.00
20051S	Square Ring 2" Dia.	\$745.00
20052S	Square Ring 2.42" Dia.	\$745.00
20053S	Square Ring 2.5" Dia.	\$745.00
20054S	Square Ring 4" Dia.	\$800.00
20055S	Square Ring 100MM Dia.	\$800.00
20057S	Square Ring 60MM Dia.	\$700.00
20061S	Square Ring 3" Dia.	\$800.00

Sand Equivalent

Please see pages 66 & 67 for pricing on sand equivalent equipment.

Manual Sand Equivalent Shaker



Motorized Sand Equivalent Shaker



Sand Equivalent Test Set



Sand Equivalent Stock Solution



sales@myerstest.com myerstest.com 888.293.2121



**Calcium Carbonate Content Chamber**

ASTM D4373

The content chamber test rapidly determines the calcium carbonate content of soils. The 10 psi Bourdon tube pressure gauge is pre-calibrated with reagent grade calcium carbonate. The 2.5"ID x 5.5"H clear acrylic chamber assembly is sealed to the anodized aluminum end caps with gaskets and secured by threaded rods and knobs. The content chamber comes complete with a pressure gauge, bleed valve and 20ml cup with handle.

4501 Calcium Carbonate Content Chamber \$340.00

4501-1 Replacement Gauge \$53.00

4501-2 Replacement Plastic Cup \$15.00



# Sample Ejector

**Sample Ejector for 4" & 6" Molds**

ASTM D5581, D6926; AASHTO T245

The sample ejector is designed for both lab and field use to extract soil samples from 4" and 6" compaction molds. The ejection force is generated by means of a 3-ton capacity, hand operated hydraulic jack. The cast-aluminum ejector head assembly can be positioned at different heights through the use of quick release pins, which allows the operator to easily match the ejection travel to the height of the mold being used.

8400 Sample Ejector \$575.00

8400-02 Replacement Pusher Hub \$35.00

8400-3 6 Ton Jack for New Style Ejector (Jack &amp; Shutoff) \$78.00

8400-8 Replacement Clamping Plate w/ Wing Nut, 2/pk \$13.00

**Adapters**

Part#	Description	Price
8411	2" Adapter	\$59.00
8412	2.5" Adapter	\$66.00
8413	3" Adapter	\$75.00



# Relative Density

**Relative Density Mold Set 0.1 ft<sup>3</sup>**

ASTM D4253, D4254



The constant volume cylinder mold regulates sample size in determining relative density of cohesion-less soils.

**Set Includes:**

- Cast aluminum mold 0.1 ft<sup>3</sup> with handles
- 56.5lb surcharge weight with base plate
- Surcharge base plate with alignment pins and removable handle

HM-330 RD Mold Set 0.1 ft<sup>3</sup> \$945.00**Relative Density Mold Set 0.5 ft<sup>3</sup>**

ASTM D4253, D4254



The constant volume cylinder mold regulates sample size in determining relative density of cohesion-less soils.

**Set Includes:**

- Cast aluminum mold 0.5 ft<sup>3</sup> with handles
- Removable guide sleeve with clamp assembly
- 190lb surcharge weight with base plate
- Surcharge base plate with alignment pins and removable handle

HM-331 RD Mold Set 0.5 ft<sup>3</sup> \$1,710.00**Relative Density Vibrating Table w/Controller**

ASTM D5581, D6926; AASHTO T245



The table has a cushioned steel 30" x 30" deck that is activated by an electromagnetic vibrator with over a 100lb actuator. The solid state circuitry allows precise amplitude control even with fluctuating voltage supplies.

- Load Capacity: 750lbs
- Power: 800 Watts, 12 amps, 230V
- Vibration Rate: 3,600VPM (3,000 at 50Hz)
- Table Height: 21"

H-3756.2F RD Vibrating Table w/ Controller \$9,445.00

**Relative Density Pouring Funnel Set**

ASTM D4253, D4254

The pouring funnel set is required for loose placement of 3/8" and finer soil in the 0.1 ft<sup>3</sup> mold. The set includes two 6" diameter x 12" long metal cylinders (each with funnel) and 6" long delivery spout attached to one end. Spouts are 1" and 1/2" in diameter.

HMA-60 Pouring Funnel Set \$265.00

**Relative Density Gauge Set**

ASTM D4253, D4254

The gauge set fits guide brackets of either mold set to measure distance from the top of the mold to the top of the base plate after densification. The set includes a 2" dial indicator, with 2" travel and 0.001" graduations, and a special holder to fit molds. A metal 3"x12"x1/8" calibration bar is also included.

H-3759 Gauge Set \$350.00



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## Pycnometers

### Vacuum Pycnometer

ASTM D2041; AASHTO T209, T283

The vacuum pycnometer is used in rice testing to determine the maximum specific gravity of bituminous paving mixtures with maximum aggregate size up to 3/4". Its 2000g capacity aluminum canister is 7.5" dia. x 6" deep, with an extra-thick acrylic lid for viewing the sample during testing. The acrylic lid has two 1/4" hose connection ports - one for the vacuum source and the other offset through the lid for the vacuum measuring device.



The VA-3000 pycnometer comes complete with canister, acrylic lid and metal calibration lid. The VA-3500 pycnometer comes with the canister and acrylic lid only and is for calibration by weighing under water.

**HM-402 Vacuum Pycnometer, 2000g** \$335.00

**HM-402-1 Vacuum Pycnometer (Canister & Acrylic Lid ONLY)** \$275.00

See page 68 for water tanks and accessories

### Vacuum Pycnometer, 6,000g

ASTM D2041; AASHTO T209, T283

The large, 10L capacity pycnometer is a high-strength plastic vessel with 9.38"ID and an O-Ring seal to prevent leakage. The unit is optimal for mixes with up to 2" aggregates. A perforated plastic shelf to support three 4" specimens is included. The pycnometer also comes with a threaded sink aspirator vacuum source with tubing and a quick disconnect.



**SG-15 Vacuum Pycnometer 6,000g** \$575.00

### Vibrating Table

ASTM D2041; AASHTO T209, T283



The vibrating table will accept the standard vacuum pycnometer, as well as a 4000ml heavy wall filter flask, without any optional flask holders. The tabletop is covered with a dense foam pad and has a stainless steel upper assembly with painted steel lower assembly. The motor operates at 3000rpm. The unit is 18" tall, base is 11.5" round, inside diameter of ring is 8". Operates on 115V. Includes: 6' power cord with inline switch, and a 3-prong plug.

**VA-2000 Vibrating Table** \$449.99

**VA-2008 Clamping Ring Accessory** \$72.50

### De-Airing Agitator

The heavy-duty, vibrating, de-airing agitator keeps sample material loose for more reliable test results. The unit features strong, rugged-duty vibrators and sturdy bases having integral, heavy-duty on/off switches. Exclusive quick-release cam/lock fasteners allow quick placement and removal of canister.



**H-1756.3F De-Airing Agitator** \$692.00

**H-1782 Digital De-Airing Agitator** \$1,230.00

### TSR Vacuum Saturation Canister

The vacuum saturation canister is used to condition specimens before testing. The 7-1/4" x 8-1/2" tall stainless steel canister holds 4" diameter specimens.



The unit's acrylic lid has ports for a vacuum pump and manometer. The perforated stainless steel standoff in the bottom of the canister supports the specimen during vacuuming.

**VA-3250 TSR Vacuum Saturation Canister** \$180.00

### Vacuum Level Adjusting Valve

The agitator allows the vacuum to be adjusted to 30mm on sample. It is installed in the vacuum line between the vacuum container and vacuum measuring device. The unit has 1/4" hose barbs.



**VA-1020 Vacuum Level Adjusting Valve** \$21.50

## Vacuum Pumps

### HyVac1 Vacuum Pump

ASTM D2041; AASHTO T209

Designed for continuous use, this two-stage, belt-driven pump operates on the oil-sealed rotary vane principle. It is ideal for distillation, filtration, degassing and as a roughing pump for high-vacuum systems. The pump is mounted on rectangular steel base plate and includes a V-belt and belt guard that completely encloses the belt and pulleys. The pump pulls 29-30" maximum vacuum. The unit includes initial supply of oil plus an extra quart of HyVac® oil.



**91105 HyVac1 Vacuum Pump** \$1,275.00

### Robinair Two Stage Vacuum Pump

ASTM D2041; AASHTO T209

The two stage, offset, rotary vane design provides powerful, quiet, high vacuum capability and ensures moisture removal while the high pumping capacity reduces evacuation time. The pump's intake filter prevents foreign matter from entering the pumping chamber and an internal exhaust filter separates oil vapor from the exhaust flow. Exhaust is expelled through the handle to direct it away from the user.

- 6 CFM rating
- 2-stage
- 1/4", 3/8", and 1/2" SAE MFL intake fitting
- Dimensions: 7.80"W x 18.30"L x 11.40"H



**15600 Two Stage Vacuum Pump** \$399.95

### Small Oilless Vacuum Pump

ASTM D2041; AASHTO T209

The two-stage oilless vacuum is used for rice tests. It pulls down to 7.5mm of vacuum at a rate of 45 liters/minute. The unit is small: 11"L x 6.6"W x 9"H, and comes with a 3-prong line cord.



**VA-1200 Oilless Vacuum Pump** \$799.99

### Large Oilless Vacuum Pump

ASTM D2041; AASHTO T209

The large, two-stage, oilless vacuum pump pulls down to a 9mm vacuum at a rate of 99 liters/minute, making it ideal for pulling a vacuum on multiple pycnometers. The pump is used to determine the maximum theoretical gravity of bituminous paving materials.



**VA-1225 Large Oilless Vacuum Pump** \$1,250.00

Accessories

Vacuum Pump Oil

The premium vacuum pump oil is engineered to maintain maximum viscosity at high running temperatures and to improve cold weather starts. The oil is thermally stable and resists breaking down due to heat for a longer period of time.

13204 Premium Vacuum Pump Oil, 4 Gal/Pack \$96.50

13204-1 Premium Vacuum Pump Oil, 1 Gal \$24.95



Indicating Drierite Dessicant

ASTM D2041

The 8 mesh, indicating drierite is infused with cobalt chloride. It is blue when dry and changes to pink upon absorption of moisture. The color change is pronounced and clearly visible, making the drierite valuable in knowing with certainty that dryness is being maintained and to signal when the drying agent should be replaced. It has the same efficiency as regular drierite and can be regenerated for reuse.



VA-4020 Indicating Drierite Dessicant, 1lb \$16.95

VA-4025 Indicating Drierite Dessicant, 5lb \$57.50

Non-Indicating Drierite Dessicant

ASTM D2041

The 8 mesh replacement desiccant for the air drying unit protects the vacuum pump by removing final traces of moisture from vacuum lines.



VA-4029 Non-Indicating Drierite Dessicant, 1lb \$10.00

VA-4030 Non-Indicating Drierite Dessicant, 5lb \$29.50

Drierite Gas Drying Apparatus & Dessicant

ASTM D2041

The apparatus easily installs in-line between the vacuum pump and rice test equipment. This refillable unit measures 2-5/8" x 11-3/8", with hose barbs at both ends, which can accept 1/4" to 3/8" flexible tubing. The unit is supplied complete with 650g of indicating desiccant.



VA-4042 Drierite Gas Drying Apparatus & Dessicant \$79.00

One Hook Density Weighing Cradle

The one hook density weighing cradle holds standard vacuum pycnometer canisters, aggregate density baskets, marshall or gyratory compaction specimens, cores up to 6" and other over-sized specimens for suspension weighing. Fabricated of stainless steel, the one hook cradle tilts back when an object is placed on it, and prevents loss of specimens when weighing.



DE-1000 One Hook Density Weighing Cradle \$50.00

DE-1011 Mini Weighing Cradle \$35.99

DE-1017 Mega "1 Hook" Density Weighing Cradle \$64.99

Universal Timer

The universal timer automatically shuts off the electrical apparatus at set time of up to 60 minutes. It features two receptacles and a 3-wire cord and plug.



H-4296 Universal Timer \$118.00

Countdown Controller

The countdown controller turns any piece of equipment on or off at the end of the set time period. The unit can be programmed in an instant with its easy to use countdown time mode.



- Timing Capacity/Range: 1 min intervals from 23 hrs, 59 min to 1 min
- Accuracy: 0.01%
- Programs to 24 hours
- Turns equipment on/off
- Manual override
- Backup battery
- Includes Battery and NIST Certificate

5095 Countdown Controller \$52.50

Filter Flasks

Filter flasks are thick-walled and have side tubulation for 3/8" ID vacuum tubing. The 2000 and 4000ml sizes are often used as pycnometers, and 1000ml flasks are often used in line to form a vapor trap for vacuum pump protection. The 4000ml flask meets ASTM D2041 and AASHTO T209 specifications as a vacuum container for weighing in air only. Neoprene stoppers have a 3/8" hole.

Part#	Description	Price
GW-74	Filter Flask, 1000ml	\$39.95
GW-75	Filter Flask, 2000ml	\$79.95
GW-76	Filter Flask, 4000ml	\$128.00
GWA-1	#8 Stopper & Fitting for GW-74	\$6.00
GWA-2	#9 Stopper & Fitting for GW-75	\$5.00
GWA-3	#12 Stopper & Fitting for GW-76	\$10.00



Manometers

Digital Manometer

The digital manometer is a precise measurement device designed to replace mercury-filled manometers used in rice test applications. Holes are provided for bench or wall mounting and a 1/4" barb fitting is used for quick connections. The instrument features a digital display range of 0 to 1000mm Hg (absolute) at a resolution of 0.1mm Hg. The device has a rated accuracy of +/-0.5% full scale and is powered by one 9V battery. A 3/8" fitting is available upon request.



9210 Digital Manometer \$385.00

9210-CA NIST Traceable Certificate \$80.00

Mercury Manometer

The mercury manometer has a sliding scale graduated above and below zero to 130mm x 1mm. The U-tube is mounted on a wooden stand and comes complete with mercury. Please note some states do not allow the use of mercury.



MA-166 Mercury Manometer \$208.00

AutoRice™

ASTM D241; AASHTO T209, T283

The AutoRice is an automatic control unit allowing lab technicians to conduct maximum specific gravity tests with the press of a button. The unit insures more consistent results by accurately controlling and monitoring the vacuum pressure, vacuum time, and shaker vibration frequency. Data from the AutoRice can be downloaded via a USB port and either printed or emailed. Its compact design allows the unit to fit on a benchtop or mount to a wall and works with glass flasks and metal container setups.

- Reduces operator errors by automating test parameters; improving accuracy and repeatability
- Measures shaking frequency and acceleration to prevent stripping damage to the sample
- Automates saturation process for AASHTO T283 (moisture damage)
- Provides capability to enter weights and calculate max specific gravity results
- Replaces digital vacuum gauge used in Rice setup
- Stores test records (vacuum pressure, vacuum time, frequency and acceleration)
- Test data can be shared and emailed for review



120.1000 AutoRice™ \$1,335.00

Lab Lease

Lab Lease Paper



The lab lease paper is coated with silicone on both sides, so that hardly anything will stick to it. The paper can be used on countertops for rice test sample preparation or to line sample boxes to ensure quality control. It is long lasting and is able to go in a 400°F oven.

PP-2020 Lab Lease Paper Sheets 16" x 24", 25/pk \$18.95

PP-3024 Lab Lease Paper Roll 24"W x 750'L \$209.00

PP-3030 Lab Lease Paper Roll 30"W x 600'L \$209.00

PP-3036 Lab Lease Paper Roll 36"W x 400'L \$209.00

Lab Lease Paper Dispenser



The sturdy steel paper dispenser unit features a serrated cutting edge for the heavier lab lease paper. The dispenser stands on a counter top or can be bolted to a wall, both vertically or horizontally.

PP-9925 Lab Lease Paper Dispenser 24" \$48.50

PP-9955 Lab Lease Paper Dispenser 30" \$55.50

PP-9965 Lab Lease Paper Dispenser 36" \$55.50

CoreDry®

CoreDry® with PumpSaver™

ASTM D7227; AASHTO PP75

The CoreDry® is an automatic system for rapid drying of compacted laboratory and field asphalt samples. It is used to remove moisture from asphalt cores in a fraction of the time of ovens or fans. The unit's vacuum technology does not affect or harm the integrity of the samples and ensures the most accurate and repeatable density results, which can be calculated in minutes by utilizing an accurate dry sample weight.

A core sample can be taken from the field and its density can be measured in less than 20 minutes, saving time and providing the best quality control. Moisture loss in the sample is based on vacuum and innovative electronic desiccation technology. The CoreDry® cycles a flow of air and vacuum within a highly efficient moisture removal process. The system also contains an integrated electronic moisture trap to capture the moisture being removed from the sample. The CoreDry® is the first product of its kind for rapid drying of compacted and loose asphalt mixtures.

The PumpSaver™ is a unique new method for the removal of moisture in air prior to entering a vacuum pump. The device extends the life of vacuum pumps by reducing the amount of water entering the pump. It also increases pump efficiency by offering a lower resistance to air flow as opposed to a desiccant style air dryer that actually inhibits the free flow of air. Using the PumpSaver™ eliminates the requirement for a desiccant type air dryer and also eliminates the need to continually replace or recycle desiccant materials.

- Plug and play/fully automatic and portable
- Small footprint, great for any sized asphalt lab: 19"W x 26"D x 17"
- Enclosed vacuum pump protects technicians against burn potential
- No daily calibration required
- Allows offset adjustments for nuclear and non-nuclear gauges in minutes

109.2110 CoreDry® with PumpSaver™ Call for Pricing

111.1000 PumpSaver™ 975.00



**CoreLok®**

ASTM D6752, D6857, D7063

The Corelok® is a non-nuclear method of determining SuperPave, Stone Matrix (SMA) and coarse mix asphalt air voids. The system seals asphalt samples so that the sample densities may be measured by water displacement methods. Samples are automatically sealed in specially designed puncture resistant polymer bags. Densities measured with the Corelok® are highly reproducible and accurate. The results are not dependent on material type or sample shape. The GravitySuite™ PC software package calculates and manages data for ease of operation.

It performs 5 standard lab tests:

- Bulk Specific Gravity
- Maximum Specific Gravity
- Aggregate Specific Gravity
- Porosity
- % Asphalt Content



**1300104 CoreLok®** Call for Pricing

**1300123 Corelok® Bags, Small 10" x 14", 100/box** \$54.00

**1300124 CoreLok® Bags, Large 15" x 18", 100/box** \$84.00

**1300126 CoreLok® Bags, Channeled 11" x 15", 100/box** \$84.00

**SmarTracker™**

AASHTO T324

The SmarTracker's retractable wheel system makes it easy to load and unload samples without lifting heavy wheel assemblies. The machine can perform both wet and dry tests simultaneously. The innovative water circulation system and two tank design allows for one sample to be submerged in water while the other sample stays dry. Tank and air heaters keep water and air temperatures constant during testing. The electrical components are located away from water and moisture to protect against damage.

The unit features an independent motor wheel drive system for better control and individual operation of each wheel. It is operated by an on-board Windows® based touchscreen computer with two USB drives for downloading data to a Flash Drive or directly to a printer.



**M-B038AI SmarTracker™** Call for Pricing

Marshall Equipment

Compaction Molds

**Marshall Mold 4"**

ASTM D5581



The 4" compaction mold is machined from seamless tubing and plated for rust resistance. Its base plate and collar are interchangeable with either end of the forming mold. The unit is 4" I.D. x 3" high.

**HM-405 Marshall Mold 4" (for Stationary Base Compactors)** \$65.00

**HM-406 Marshall Mold 4" (for Rotating Base Compactors)** \$74.00

**Marshall Mold 6"**

ASTM D5581



The 6" compaction mold is used for preparing test specimens. It can be used with rotating or stationary mold models. The mold is machined from seamless tubing and plated for rust resistance. It is comprised of a base plate, mold cylinder and extension collar

**MSA-106 Marshall Mold 6"** \$158.00

Prices subject to change without notice. Please call to check current pricing.

Compactors

**Hand Compaction Hammer,**

The hand compaction hammer compacts asphalt mixture in the compaction mold. Its flat, circular face is 3-7/8" in diameter. The hammer has a 10lb sliding weight and a free fall of 18". The unit is equipped with a finger guard on the sliding weight.

**HM-404A Compaction Hammer, 4"** \$215.00



**Automatic Single Compactor**

ASTM D6929; AASHTO T245; PTM705

The apparatus compacts samples at a preset number of hammer blows and shuts off on completion to ease sample preparation. The compactor includes a mechanical compactor, automatic counter, oak compaction pedestal and one mold assembly.

**H-1336D Automatic Single Compactor, 115V/60Hz** \$2,470.00

**H-1336D.2F Automatic Single Compactor, 230V/60Hz** \$2,670.00



**Automatic Double Compactor with Rotating Base**

ASTM D6929; AASHTO T245; PTM705

The unit compacts dual samples at a preset number of hammer blows and shuts off automatically on completion. It includes a mechanical compactor, automatic counter, oak pedestal and mold assembly.

**H-1346D Automatic Double Compactor, 115V/60Hz** \$4,200.00

**H-1346D.2F Automatic Double Compactor, 230V/60Hz** \$4,400.00



Replacement Parts for Hand Compaction Set

Part#	Description	Price
HM-407.1	Pedestal Assembly	\$585.00
HM-407.2	Pedestal Only	\$375.00
HM-407.3	Mold Holder	\$117.00
HM-407.4	Hammer Support	\$97.15

Replacement Parts for Automatic Compactors

Part#	Description	Price
H-1347M	Pedestal for Automatic Compactors	\$250.00
H-1334B	Counter & Proximity Switch, 115V	\$550.00
H-1338.25	Locator Guide for Hammer Assemblies	\$18.00
H-1338.25.1	Hex Head Bolt for Hammer Assemblies	\$1.60
H-1338.25.2	Washer for Hammer Assemblies	\$0.60
H-1338.25.3	Nut for Hammer Assemblies	\$0.60
H-1338.25.4	Spacer for Hammer Assemblies	\$2.25
H-1338.26	Hammer Handle for Hammer Assemblies	\$16.00
H-1338.26.1	Spring Pin, 1/4" x 1" for Hammer Assemblies	\$0.60
H-1338.27	Hammer Rod for Hammer Assemblies	\$45.80
H-1338.27.1	Key, 3/16" x 3/4" for Hammer Assemblies	\$2.40
H-1338.28	Release Block for Lift Catch Assembly	\$12.50

**Hand Compaction Set, 4"**

ASTM D6926

The 4" hand compactor set facilitates compaction of 4" Marshall specimens. The set features an oak pedestal with hammer support rod, which holds the hammer perpendicular to base position during compaction. Also features a mold holder, which keeps the mold securely positioned during compaction.

Set includes:

- Compaction Hammer
- Pedestal with Steel Plate
- Compaction Mold
- Compaction Mold Holder
- Hammer Support Rod
- Adjustable Guide

**HM-407 Hand Compaction Set, 4"** \$855.00



**Automatic Triple Compactor with Rotating Base**

ASTM D6929; AASHTO T245; PTM705

The apparatus allows the automatic production of triple simultaneous specimen compactions at a preset number of hammer blows. The machine shuts off on completion. It includes a mechanical compactor, automatic counter, oak pedestal

**H-1356D Automatic Triple Compactor, 115V/60Hz** \$5,050.00

**H-1356D.2F Automatic Triple Compactor, 230V/60Hz** \$5,150.00



Replacement Parts for Automatic Compactors

Part#	Description	Price
H-1338.28.1	Pin for Lift Catch Assembly	\$3.50
H-1338.29	Clevis Pin with Screw for Lift Catch Assembly	\$4.50
H-1338.30	Lift Catch	\$20.00
H-1338.31	Spring for Lift Catch Assembly	\$3.00
H-1338.32	Hammer Weight (Complete)	\$165.00
H-1338.33	Plug for Hammer Assemblies	\$13.75
H-1338.34	Hammer Assemblies Spring	\$2.40
H-1338.35	Hammer Foot (Flat for Stationary Base)	\$70.90
H-1338.35.1	Set Screw for Foot	\$1.10
H-1338.36	Screw for Lift Catch Assembly	\$2.40
H-1338.37	Washer for Lift Catch Assembly	\$0.70
H-1338.38	Hammer Foot (Tapered for Rotating Base)	\$78.00
H-1338.40	Release Housing for Lift Catch Assembly	\$22.00
H-1338.40.1	Screw for Release Housing	\$3.20
H-1338.40A	Lift Catch Assembly Complete	\$79.00

sales@myerstest.com myerstest.com 888.293.2121

Accessories

Paper Discs

Circular, smooth-edged 4" or 6" diameter discs, which can be placed in the bottom of compaction molds prior to filling with asphalt mixture to facilitate removal of the sample from the mold.

MSA-120 Paper Discs 4", 1000/pk \$33.00

MSA-121 Paper Discs 6", 500/pk \$33.00



Mold Extractors

The mold extractors are used with the compression tester for removing either 4" or 6" compaction mold specimens.

H-1348 Mold Extractor 4" \$69.00

H-1363 Mold Extractor 6" \$68.00



Lottman Breaking Heads

The breaking heads test tensile strength. The 4" breaking head has 0.5" wide upper and lower segments for use on 4" samples, while the 6" breaking head has 0.75" wide upper and lower segments for use on 6" samples.

9465 Lottman Breaking Head 4" \$325.00

9665 Lottman Breaking Head 6" \$465.00



Dial Flowmeter Kit

The dial flowmeter is used to measure flow during Marshall testing. It consists of a special dial indicator with a maximum position brake assembly and a guide sleeve, which fits over either a guide rod of a 4" or 6" Marshall breaking head. The dial flowmeter has a range of 1" with 0.01" divisions.

MS-25 Dial Flowmeter Kit \$168.50



Marshall Breaking Heads

Marshall breaking heads consist of an upper and lower cylindrical segment having 3" inside radius of curvature for 6" samples and 2" for a 4" sample. The lower segment is mounted on a base with two perpendicular guide rods extending vertically from the base.

9460 Marshall Breaking Head 4" \$430.00

9660 Marshall Breaking Head 6" \$570.00



Semi-Circular Bend Test Fixture

The Semi-Circular Bend Test Fixture mounts in most standard Marshall load frames and determines the low-temperature fracture energy and toughness of asphalt mixtures with a maximum aggregate size of 19mm.

9670 Semi-Circular Bend Test Fixture \$680.00



Machines

Compression Machine

The Marshall compression machine is used for measuring resistance to plastic flow of bituminous paving mixtures. The machine has a motor with reversing switch that produces uniform vertical 2" movement per minute. It includes a calibrated load ring and dial indicator for determining test load. The load capacity is 10,000lbs and maximum piston travel is 3-1/2".

H-1339B Compression Machine \$3,310.00



Load Frames: See Page 84-85  
Sample Ejectors: See Page 92



Water Baths

The water baths have a microprocessor-based temperature control for precise temperature control throughout the range. Each unit includes a magnetic circulator, ensuring constant water temperature, and a stainless steel shelf, which stands 2" above the bottom of each unit for free circulation of water above and below test samples.

H-1392 Water Bath (7.76 Gal/19.5"W x 11.5"D x 8" H) \$1,040.00

H-1390 Deluxe Water Bath (7.76 Gal/ 19.5"W x 11.5"D x 8" H) \$1,180.00

H-1394 Large Deluxe Water Bath (14 Gal/20"W x 20"D x 10" H) \$1,820.00

Deluxe Water Bath  
ASTM D4867, D5581, D6927



Large Deluxe Water Bath  
ASTM D4867, D5581, D6927



Economy Water Bath



The economy water bath holds eight standard 4" stability molds. Its supporting shelf above the bottom allows water circulation around specimens. The automatic thermostatic control has a range of 150° to 500°F (65° to 160°C).

MSA-125 Economy Water Bath (11.5"W x 19.5"L x 5.5"D) \$139.00

Analog Centrifuge Extractor

ASTM D2172; AASHTO T164

The centrifuge extractor is designed for the quantitative determination of bitumen content in paving mixtures. All motorized units have accurate, dependable electronic solid state speed control—rotation speed adjusts up and down. Explosion proof motorized units offer the same features along with greater safety. The hand driven unit is ideal for field or lab applications with light duty. All models are constructed of corrosion resistant, lightweight cast aluminum.



Part#	Description	Price
M205	Analog Extractor 1500g, 115V Open Motor	\$2,695.00
MX205	Analog Extractor 1500g, 115V Explosion Proof	\$3,295.00
M207	Analog Extractor 3000g, 115V Open Motor	\$2,895.00
MX207	Analog Extractor 3000g, 115V Explosion Proof	\$3,495.00

Economy Centrifuge Extractor

ASTM D2172; AASHTO T164

The centrifuge extractor is designed for use in the separation of asphaltic mixtures to determine bitumen percentage. The bowl speed varies from 0-3,600 RPM and the extractor is provided with a brake circuit for fast stopping. The aluminum bowl assembly is removable. A cup built into the housing cover allows easy pouring of the solvent into the bowl. Each unit comes complete with 25 filter discs.



Part#	Description	Price
HM-E3	Explosion Proof 1500g, 110V 50/60Hz	\$2,465.00
HM-E4	Explosion Proof 3000g, 110V 50/60Hz	\$2,540.00
HM-E5	NON Explosion Proof 1500g, 110V 50/60Hz	\$2,240.00
HM-E6	NON Explosion Proof 3000g, 110V 50/60Hz	\$2,465.00
HMA-265	Filter Paper for 1500g Machines, 100/pk	\$65.00
HMA-266	Filter Paper for 3000g Machines, 100/pk	\$75.00

Reflux Extractors

ASTM D2171, D2172; AASHTO T164

The reflux extractor is used to determine the percentage of bitumen in a paving mixture using hot solvent extraction.

The 1000g set includes: (2) 500g wire screen cones, copper condenser with 0.5" inlet/outlet water tubes, glass jar 6"OD x 18"H with ground open edges for a tight fit, 6" square hot plate and a 100-pack of 33cm filter paper.

The 2000g set includes: (2) 1000g wire screen cones, copper condenser with 0.5" inlet/outlet water tubes, glass jar 8.75"OD x 18" H with ground open edges for a tight fit, 9" square hot plate and a 100-pack of 40cm filter paper.



H-1495 Reflux Extractor 1000g \$710.00

H-1499 Reflux Extractor 2000g \$1,338.00

Biodegradable Solvents

Excel Clean HD and the Hisol Plus are biodegradable, citrus based extraction solvents that are cost effective and have excellent performance. They are great replacements for trichloroethylene and other chemical solvents. They can be used with both vacuum and centrifuge extraction equipment. Excel Clean HD has a flash point of 125°F, while the Hisol Plus has a flash point of 142°F.

FG-4251 Excel Bio-Degradable Solvent 5-Gallon \$245.00

FG-4250 Excel Bio-Degradable Solvent 55-Gallon \$2,270.00

FG-4261 Hisol Plus Biodegradable Solvent 5-Gal \$200.00

FG-4260 Hisol Plus Biodegradable Solvent 55-Gal \$1,675.00



Digital Centrifuge Extractor

ASTM D2172; AASHTO T164

The asphalt centrifuge extractor is designed for the quantitative determination of bitumen content in paving mixtures. All motorized units have accurate, dependable electronic solid state speed control—rotation speed adjusts up and down. Explosion proof motorized units offer the same features along with greater safety. The digital controller can be mounted to the wall to minimize vibrations. The unit can be started and left unattended while it runs. Its memory holds the last test cycle and shuts off automatically at the end of the cycle.



Part#	Description	Price
M210-15	Digital Extractor 1500g, 115V Open Motor	\$3,555.00
MX210-15	Digital Extractor 1500g, 115V Explosion Proof	\$4,170.00
M210	Digital Extractor 3000g, 115V Open Motor	\$3,755.00
MX210-30	Digital Extractor 3000g, 115V Explosion Proof	\$4,365.00

Analog & Digital Centrifuge Extractor Filter Paper

Part#	Description	Price
F265	Filter Paper for 1500g Machines, 100/pk	\$77.00
F267	Filter Paper for 3000g Machines, 100/pk	\$80.00

Filterless Extractor

ASTM D1856; AASHTO T164

The continuous-flow filterless centrifuge extractor offers a simple, accurate way to recover mineral filler fines from nonflammable solvents in asphalt mix extraction tests using a filter. Solvent suspension goes through the inlet top funnel into an aluminum beaker, rotating at 11,000 RPM. Under high centrifugal force, the liquid moves up the wall and out through the overflow tubing, while solids are retained for easy removal.



M 280 Filterless Extractor 120V \$4,199.99

M 280.1 Filterless Extractor 220V \$4,219.99

Vacuum Extractors

ASTM D2172; AASHTO T164



The vacuum extractor has a 12.25"ID x 4.5"H aluminum funnel ring, perforated stainless steel filter support, and an o-ring seal, supported by three legs. Instead of a solvent collection tank, the assembly uses a vacuum filter flask. The hose and stopper assembly (sold separately) has a 6' rubber vacuum hose to fit to the 3/8" drain connection, and a no.12 neoprene stopper with glass tubing.

The vacuum extractor with tank consists of an aluminum 5 gallon combination vacuum and storage tank with sight gauges. The HM-400 unit comes complete with aluminum funnel ring, filter support plate, vacuum gauge, viton o-ring, filter paper and connecting hose.

HM-401 Vacuum Extractor without Tank \$825.00

HM-400 Vacuum Extractor with Tank \$1,350.00

HMA-58 Hose & Stopper Assembly \$76.50

HMA-54 Filter Paper 13" Dia., 100/pk \$33.00

VA-4010 Latex Vacuum Tubing 1/4" (Per Foot) \$2.35

**Quartermaster Sample Splitter**

AASHTO R47

The quartermaster splitter is ideal for dividing the larger asphalt mix samples required in Superpave specifications. The hopper accepts samples up to 120lb of any mix with aggregate between 9.5 to 37.5mm and quarters it into four equal parts. In operation, a simple throw of a lever divides the sample. Using the device ensures greater control, consistency and uniformity in the preparation of test samples. The unit is supplied complete with four sample buckets. Dimensions are 14"W x 17"D x 48"H.



SP-55 Quartermaster Sample Splitter \$900.00

**Portable Asphalt Bucket Mixer**

The heavy duty portable asphalt mixers are equipped with 8" wheels for maximum mobility. By using a direct drive motor more power is generated for mixing. Mixing paddles not included.



M-61-AM1/2 Portable Asphalt Mixer, 5 Gal \$1,375.00

M-61-M Portable Asphalt Mixer, 10 Gal \$1,590.00

**Asphalt Bucket Mixer**

The stationary mixer is ideal for sample batch mixing in either laboratory or field. A separate utility bucket cradles securely inside the enameled-steel mixer frame.



- Maximum Capacity: 70lbs (50lbs recommended)
- Choice of 4 mixing angles
- Mix Bucket Speed: 60 rpm with 1/4 hp motor
- Includes bucket, chain guard and R-paddle

M-60-1/2-HP Asphalt Bucket Mixer \$494.00

MX-6305 Stainless Steel Bucket, 5 Gal \$225.00

**Heavy Duty Lab Mixer**

ASTM C109, C227, C305; AASHTO T106, AASHTO T162

The heavy duty laboratory mixer has a 5qt capacity and a 1/6hp motor with selectable operating speeds of 139, 285 and 591rpm. An additional heavy-duty stainless steel flat bearer is included, as well as a 6' power cord.



MA-52X Laboratory Mixer \$3,290.00

**Core Drilling & Sawing**

**Core Drill Rig**

- Precision rack-&-pinion carriage
- Maintenance free double sealed bearings
- 2.5" Square steel column with ceiling jack
- Positive anchoring for vertical & horizontal drilling
- Feed handle can mount on both sides
- Built-in wheels for easy maneuvering
- Control box includes amp meter and power switch
- One year limited warranty



157947 Core Drill Rig without Vacuum \$2,395.00

157449 Core Drill Rig with Vacuum \$2,895.00

**Core Drill Bits**

Part#	Description	Price
07NBBLK0200	Core Bit 2" Dia.	\$79.50
07NNBLK0225	Core Bit 2.25" Dia.	\$85.00
07NBBLK0300	Core Bit 3" Dia.	\$102.40
07NBBLK0325	Core Bit 3.25" Dia.	\$115.00
07NBBLK0400	Core Bit 4" Dia.	\$124.75
07NBBLK0425	Core Bit 4.25" Dia.	\$155.00
07NBBLK0600	Core Bit 6" Dia.	\$182.00
07NBBLK0625	Core Bit 6.25" Dia.	\$220.00
07NBBLK0800	Core Bit 8" Dia.	\$275.00
07NBBLK1000	Core Bit 10" Dia.	\$405.00
07NBBLK1200	Core Bit 12" Dia.	\$460.00



All bits are 14" long. Other size bits are available. Please inquire at 888.293.2121 or sales@myerstest.com

**Core Saw with Stand**

The core saw is ideal for lab testing of core samples. It can cut 6" cores with a single pass. The cast aluminum blade guard has stainless steel water tubes that will not bend or rust. The blade shaft assembly is built with sealed, permanently lubricated, heavy-duty bearings for long maintenance free life. The recoil spring return cutting head makes repetitive cutting quick and easy. Saw comes complete with stand.



MK-2002-16 Core Saw with Stand \$2,998.95

**Core Clamp & Adapters**

The poswer coated core clamp is designed to bolt onto the moving table of any masonry or block saw utilizing a 16" blade. It will not clear the motor on a saw with a 14" blade. Includes 2 - 3/8" bolts, washers and nylock nuts and features an adjustable opening for precise placement of specimen. Note: a 16" blade is required to be able to cut through a 6" diameter core without turning the core.



172178 Core Clamp, 6" Dia. with 4" Insert \$265.00

172179 4" Insert Only \$92.50

CE-2630 3" Insert Only \$92.50

CE-2620 2" Insert Only \$92.50

**CoreSnap**



The CoreSnap provides removal of a drilled sample from a roadbed at or below the tackline without prying or drilling completely through the old roadbed.

HR-2554 CoreSnap 4" \$284.00

HR-2556 CoreSnap 6" \$318.00

**Core Extractors**



Core extractors remove stubborn cores and feature a lock to prevent damage to the specimen. The 4" and 6" extractors have identical features and operation. Each is painted steel with sturdy handle grips.

ACM-MK-4 Core Extractor 4" \$85.99

ACM-MK-6 Core Extractor 6" \$85.99

**NCAT Field Permeameter Kit**



The NCAT Field Permeameter is a falling head permeameter that uses Darcy's Law to determine the rate of water flow through asphalt pavement. Correction to mix and placement procedures can be implemented right away. Testing and subsequent calculations can be completed in 10-15 minutes by a single technician.

The AP-1B Kit Includes:

- 4-tiered graduated permeameter
- Alternate top section
- Filling tube
- Package of moldable sealant material
- Whisk broom for test prep
- 5lb base weights (4/kit)
- Carrying case

AP-1B NCAT Field Permeameter Kit \$515.00

**Laboratory Permeameter**



The asphalt permeameters are compact, self contained, and easy to use. They test the permeability of a compacted asphalt paving mixture by using the falling head method to determine hydraulic conductivity of saturated 4" or 6" samples. The specimen is placed inside the metal cylinder, where it is held in place by a latex. The unit is then pressurized by the built-in pump. The expanding membrane pushes against the outer edge of the sample, filling in voids and preventing flow down the side of the core. The sample is then saturated from the bottom and 500cc of water is allowed to flow through the sample while being timed. The unit includes a 500cc manometer with 15 feet of 1/4" OD water line, built in hand lamp, and a pressure gauge.

9110 Asphalt Permeameter 4" \$950.00

9111 Asphalt Permeameter 6" \$950.00

**Asphalt Depth Gauge**



The asphalt depth gauge makes accurate thickness determinations quickly and easily. Depth measurements up to 11.75" in 0.25" increments may be made from back of the paver or from curbside with no need to step directly on hot asphalt. The depth rod does not pull on the asphalt when retracted and leaves a small hole that is easily closed by the roller. The storage bracket may be mounted directly to the paver or pickup truck bed and holds the gauge securely in place with a spring clamp and PVC cup.

- Gauge constructed of aluminum, 38"L x 1.25"D
- Anodized Barrel: 25"L
- 3" diameter foot ensures steady, accurate measurements
- Depth Probe: 0.25" Steel
- Hole for lubricating oil is in barrel

SIADG Asphalt Depth Gauge \$172.00

**Highway Straightedge**



The highway straightedge is used to check depressions in asphalt pavement. The unit includes a fold down handle and inserted level. It is available in 6', 8', 10', and 12' lengths.

SIHCT1X3X6 Highway Straightedge 6' \$150.00

SIHCT1X3X8 Highway Straightedge 8' \$168.00

SIHCT1X3X10 Highway Straightedge 10' \$190.00

SIHCT1X3X12 Highway Straightedge 12' \$208.00

**Benkelman Beam**



The benkelman beam is a simple lever arm device which measures deflection of flexible pavements under the action of moving wheel loads. The probe beam is placed between the tires of a test vehicle, and deflection is measured as the vehicle passes over the test area to beyond the end of the probe beam. The reference beam has a leveling adjustment to zero the dial indicator. A switchable battery-operated vibrator serves as a personnel alert and assures free movement of beam parts during measurements. The three-piece, anodized, lightweight aluminum beam is 33lb net weight for easy portability, and the longest piece is 6.5ft. Dial indicator sold separately.

HM-574 Benkelman Beam \$1,555.00

**Asphalt Sample Boxes**



Asphalt sample boxes are used to take on site samples back to the laboratory for quality testing. The boxes are 8.25"L x 8.25"W x 8.5"H.

VCI122549 Asphalt Sample Box \$1.35

**Core Retrieval Tongs**

Fast, easy-to-use patented core retrieval tongs remove cores from asphalt or concrete surfaces. Simply insert blades into space from core drill bit, grasp the core with the tongs, and lift.



CDA-15 Core Retrieval Tongs 4" \$79.00

CDA-16 Core Retrieval Tongs 6" \$79.00

Ignition Ovens

**Binder Ignition Oven**  
ASTM D6307; AASHTO T308



In a binder ignition test, as asphalt is burned the temperature rises substantially above setpoint, peaks, and gradually returns to setpoint as burnoff nears completion. The binder ignition system has a user programmed furnace so that it remains locked for a designated time after return of temperature to setpoint. This time delay, or de-coking period, is based on user experience with sample types and/or specification requirements. If test completion is in doubt or if trying to determine the time delay for a new sample type, the sample can be returned to the furnace for 5 to 10 minute added times until completion is confirmed.

The stainless steel case has a drop door to serve as a shelf for ease of sample tray handling. Heating elements are quality Kanthal A-1 and easily accessible for inexpensive replacement if necessary. The controller has memory for up to ten timed programs with selected chamber and afterburner setpoints. Two sample trays, screens and lids are included. The unit operates on 240V, 1-Phase, 50/60Hz power supply, but is easily field-converted for voltages from 208 to 380 as well as 3-Phase systems.

**HM-378 Binder Ignition System \$9,100.00**

**NCAT Binder Ignition Oven**  
ASTM D6307; AASHTO T308



The binder ignition oven has an internal automatic balance and can hold samples up to 4,000 grams. The ignition method reduces testing time compared to solvent testing methods and automatic operation frees technicians for other tasks. Its temperature range is: 392° to 1,202°F. The unit monitors weights automatically throughout ignition to within ±0.1 gram. Easy operation— simply enter sample weight, calibration factor, load the sample, and push start. When unit beeps at test end, push stop and sign receipt.

Door safety features, such as a software-activated door lock, an automatic interlock that cuts power when door is open, full 180° door opening and door hinge lock eliminate harmful solvents and make operation easy. Chamber dimensions: 14"W x 10.5"H x 14"D. Overall dimensions: 21.75"W x 36.75"H x 25.75"D. The unit operates on 240V 60Hz, 20 amp, 4,800 watt power supply.

**F85930 NCAT Binder Ignition Oven with Accessory Kit \$10,900.00**

**PP-1000 NCAT Printer Paper Roll \$2.25**

**114.1000 NCAT USB Retriever (Digital Data Storage) \$449.50**

Replacement parts available. Inquire at 888.293.2121 or sales@myerstest.com

Melting Pots

**Dispensing Melting Pot**



Melting Pots are available in 4qt or 10qt (3.8L or 9.5L) capacities. A heavy pipe single-column support mounts easily to a bench top. Height and angle are quickly adjusted with set screws on the sliding boss attached to the column. A manual dispensing lever operates a needle valve that is adjusted to obtain desired flow rate. The dial thermostat controls heating range from 150°—550°F (66°—288°C).

The heavy painted-steel housing is insulated from the cast-aluminum inner pot by thick thermal insulation. The blanket-type heating element uniformly heats the pot across the bottom and for 75% of the wall height. An aluminum cover is provided to retain heat and control fumes.

**MS-62 Dispensing Melting Pot, 4 Qt., 120V \$844.00**

**MS-64 Dispensing Melting Pot, 10 Qt., 120V \$1,081.50**

Draindown Baskets

**Draindown Basket**  
ASTM D6307; AASHTO T308



The draindown test for uncompacted bituminous mixes measures the amount of asphalt binder that separates from a sample held at the elevated temperatures encountered in production, transport and placement. The test is particularly applicable to stone matrix asphalt (SMA) or open-graded porous asphalt mixtures.

The sample is placed in the special draindown basket in a forced-air oven on a pre-weighed paper plate for one hour. The amount of draindown is measured as the portion that separates itself from the sample and is deposited onto the plate outside the basket.

**HM-56 Draindown Basket, 1/4" Mesh \$129.50**

**HM-56A Draindown Basket, #8 Mesh \$132.50**

**HM-56B Draindown Basket #16 Mesh \$132.50**

Penetrometers

**Universal Penetrometers**

ASTM D5, D217, D1168, D1191, D1321, D1403, D1831, D1855; AASHTO T49, T187

The universal penetrometer is a direct-reading instrument for precision penetration measurements of bituminous materials and cement. Each unit has a 5" diameter indicator dial, graduated in 400 divisions of 0.1mm, corresponding to 40mm penetration. The unit is preset to zero to eliminate errors. H-1200 and H-1240 models include a 47.5g plunger with 3.2mm hole, and two loading weights (50g and 100g). H-1250 model includes just one 50g loading weight and a needle.

The H-1240 unit has a button release mechanism with digital timer to automatically stop the plunger when the preset time from 0.1—9.9 seconds expires. Its digital counterpart uses a digital penetration gauge for precise readings. It will also start the test with a single button push and stop it at after a preset duration. The portable penetrometer (H-1250) has the same features as the manual penetrometer (H-1200), but is smaller and easy to disassemble.

**H-1200 Manual Penetrometer \$2,070.00**

**H-1240 Electric Penetrometer \$3,230.00**

**H-1240D Digital Electric Penetrometer \$3,705.00**

**H-1250 Portable Penetrometer \$1,360.00**

Penetration Needles

Part#	Application	Length	Certified	Price
H-1280	Bituminous Materials	40-45mm	No	\$78.00
H-1290	Bituminous Materials	50-55mm	No	\$80.00
H-1300	Bituminous Materials	40-45mm	ASTM D5	\$134.00
H-1302	Bituminous Materials	50-55mm	ASTM D5	\$138.00
H-1320	Pavement Joint Sealant	-----	ASTM D5329	\$212.00



Pavement Joint Sealant



Bituminous Materials Needle



H-1200



H-1250



H-1240



H-1240D

Gyratory Compactors

**G1 Gyratory Compactor**  
ASTM D6925; AASHTO T312



The rugged Superpave™ Gyratory Compactor is designed to compact hot mix asphalt specimens at a constant consolidation pressure, a constant angle of gyration, and a fixed speed of gyration. Customers love the AFGB1 compactor for its portability and ruggedness. The portable compactor weighs 304lbs and is completely self contained for onsite testing and mobile labs. The integrated industrial computer controls the compaction of the specimen from start to finish, making operation simple.

**AFGB1 GB1 Gyratory Compactor Call for Pricing**

**AFGBM15 Compactor Mold Assembly, 150mm Call for Pricing**

**G2 Gyratory Compactor**  
ASTM D6925; AASHTO T312



The AFG2 Superpave Gyratory Compactor is designed to compact asphalt specimens but is also compatible with the compaction of soils, emulsion based mixes, and roller compacted concrete mixes with protective covers over sensitive components. The unit compacts at a constant consolidation pressure, constant angle of gyration, and a fixed speed of gyration. The AFG2 features an integrated computer control system, a control panel with display, two USB ports, an Ethernet jack, a completely enclosed compacting chamber, an integrated mold angle measurement system, and an extruder function for removing compacted specimens from a mold.

**AFG2 G2 Gyratory Compactor Call for Pricing**

**AFG1M15 Compactor Mold Assembly, 150mm Call for Pricing**

# LABORATORY

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### Gravity Drying Ovens

Quality gravity convection ovens feature double-wall construction and heavy, welded-steel exterior. The work space is insulated from the outer cabinet with one inch of high-density mineral wool, and interiors are made of corrosive-resistant aluminized steel. The units include automatic thermocontrols, pilot light heat indicators and a top-mounted, mercury thermometer (0°-300°C). All ovens come with two adjustable shelves and a 6 ft., 3-wire power cord and grounded plug. Units also have scratch-proof rubber feet, a full-length piano-hinged door and extruded thermoplastic door handle.



- 20GC Gravity Drying Oven 1.27ft<sup>3</sup>, 115V \$450.00**
- 30GC Gravity Drying Oven 2ft<sup>3</sup>, 115V \$575.00**
- 40GC Gravity Drying Oven 3ft<sup>3</sup>, 115V \$695.00**

### Bench Ovens - Analog Controller



The bench ovens feature fan-forced-air circulation, which provides even work space temperature for testing applications. The units incorporate large, 7/16" diameter, low-watt density incoloy-sheathed elements and 2" thick mineral wool. They feature high density insulation, steel-lined interior, piano-hinged and gasket-lined doors, adjustable damper control and an ambient temperature range to 300°F (149°C). Ovens include two adjustable shelves and additional shelves can be ordered. Shelf support holes are on 1-1/2" (38mm) centers to accommodate up to 11 shelves. All units feature an on-off switch, panel board, thermostat, heat switch, 3-wire cord and plug.

- 21-250 Forced Air Oven 7ft<sup>3</sup>, 115V Analog Controller \$1,330.00**
- 21-350 Forced Air Hi-Temp Oven 7 ft<sup>3</sup>, 115V Analog Controller \$1,375.00**
- 31-350 Forced Air Oven 10.6ft<sup>3</sup>, 115V Analog Controller \$1,530.00**

### Despatch Ovens



The Despatch LBB Forced Air Ovens feature a combination of horizontal and vertical airflow that offers excellent temperature uniformity at a moderate price. A top-mounted fan draws air through the heater coils and propels it back to the chamber through plenums in the side walls, resulting in consistent, uniform temperatures. Powerful open coil heating elements and a forward curved fan deliver faster heat-up rates and short processing times. Digital controls regulate temperatures within tight tolerances. The oven's motor is permanently lubricated and virtually maintenance free, while the stainless steel interior shelves are corrosion resistant.

- LBB1-69 Forced Air Oven 6.9 ft<sup>3</sup>, 120V, 204°C Digital \$4,199.00**
- LBB2-12 Forced Air Oven 12.1 ft<sup>3</sup>, 240V, 204°C Digital \$5,099.00**
- LBB2-18 Forced Air Oven 18 ft<sup>3</sup>, 240V, 204°C Digital \$6,399.00**
- LBB2-27 Forced Air Oven 27.7 ft<sup>3</sup>, 240V, 204°C Digital \$7,499.00**

### Forced Air Ovens

Quality fan-forced circulation ovens feature double-wall construction and heavy welded-steel exteriors. The work space is insulated from the outer cabinet with 1" of high-density mineral wool and the interiors are made of corrosive-resistant aluminized steel. The units include a door-mounted, dial thermometer on all models. All ovens come with two, adjustable shelves and a 6 ft., 3-wire power cord and grounded plug. Units also have scratch-proof rubber feet, a full-length piano-hinged door and extruded thermoplastic door handle.



- 20AF Forced Air Oven 1.14ft<sup>3</sup>, 115V \$675.00**
- 30AF Forced Air Oven 1.83ft<sup>3</sup>, 115V \$775.00**
- 40AF Forced Air Oven 2.86ft<sup>3</sup>, 115V \$940.00**

### Bench Ovens - Digital Controller



The digital bench ovens utilize a precise digital PID microprocessor temperature controller, which, with a J-type thermocouple, will hold set temperatures accurately within 1° with improved chamber uniformity. The control features a large, easy to read dual LED display, showing both set and process temperatures. A versatile on/off control mode allows for even faster temperature recovery times and processing of batch-style work loads not requiring accurate temperature stability.

- 21-250ER Forced Air Oven 7ft<sup>3</sup>, 115V Digital Controller \$1,745.00**
- 21-350ER Forced Air Hi-Temp Oven 7ft<sup>3</sup>, 115V Digital Controller \$1,795.00**
- 31-350ER Forced Air Oven 10.6ft<sup>3</sup>, 115V Digital Controller \$1,995.00**

### Small Muffle Furnaces



The manual muffle furnace operates without electronics or timers. It uses the infinite control switch to adjust heat output. The infinite control switch cycles on and off through a bi-metallic timer. The higher the switch setting, the longer the heating elements stay on during each cycle. When the switch is turned to high, the elements stay on continuously. For most firings, the switches are set on LOW to begin with, then turned up to higher settings.

Part#	Chamber Sizer (W x D x H)	Max Temp	Controller	Price
MF-2A	6" x 6" x 6.3"	2,350°F	Digital	\$989.00
MF-4A	8.5" x 9" x 8.8"	2,000°F	Digital	\$1,645.00
MF-6A	13" x 13.5" x 8.8"	2,000°F	Digital	\$1,755.00
MF-8A	21" x 21" x 13.3"	2,000°F	Digital	\$2,699.00

### Shel-Lab Oven



The Shel-Lab Oven features an independent overtemperature control that is user adjustable and provides added safety. The forced, blower-assisted airflow design offers excellent temperature uniformity and fast recovery. A turbo blower and heavy-duty motor combine to direct air over the shelves and samples for even, constant drying, curing and baking.

- Heat-up: 24 min to 150°C
- Temperature Uniformity: +/- 3.5°C at 150°C
- Temperature Range: 15°C above ambient to 260°C
- Exterior Dimensions: 37.5"W x 35"D x 78.3"H
- Interior Dimensions: 30.7"W x 25"D x 62"H
- Capacity: 27.5ft<sup>3</sup>

- SM014-2 Shel-Lab Forced Air Oven 13.7ft<sup>3</sup>, 220V Digital \$4,895.00**
- SM028-2 Shel-Lab Forced Air Oven 27.5ft<sup>3</sup>, 220V Digital \$5,895.00**

### Large Capacity Oven



The bench ovens are designed to handle a wide variety of applications, which require a maximum temperature of 400°F with a ±0.5% control accuracy and ±8°F uniformity for efficient drying of large samples. All models feature an analog thermocouple-actuated, temperature controller and a 1/3 HP motor with a 400 CFM blower. The units have 304 stainless steel interiors, explosion venting latches and incoloy sheathed tubular heating elements. Ovens include two (2) 50lb capacity nickel plated wired shelves, which can be placed on any of the 10 support channels, which are located on 3" centers. Extra shelves can be ordered to accommodate needs. Please inquire.

- BO-323A Large Capacity Oven, 15.8ft<sup>3</sup>, 230V/60Hz/1PH \$7,400.00**
- BO-333A Large Capacity Oven, 27ft<sup>3</sup>, 230V/60Hz/1PH \$8,000.00**
- BO-343A Large Capacity Oven, 36ft<sup>3</sup>, 230V/60Hz/1PH \$8270.00**

## Glassware & Plasticware

### Glass Graduated Cylinders

Graduated circular divisions. Calibrated to deliver the indicated capacities.

Part#	Description	Price
GW-20	10ml, Glass	\$14.70
GW-21	25ml, Glass	\$15.00
GW-22	50ml, Glass	\$17.00
GW-23	100ml, Glass	\$19.75
GW-24	250ml, Glass	\$36.75
GW-25	500ml, Glass	\$49.50
GW-26	1000ml, Glass	\$58.00
GW-27	2000ml, Glass	\$79.50



### Plastic Graduated Cylinders

The graduated cylinders are molded as one-piece polypropylene and have raised prominent graduations for easy reading and excellent contact clarity.

Part#	Description	Price
GW-40	10ml, Plastic	\$4.95
GW-41	25ml, Plastic	\$5.90
GW-42	50ml, Plastic	\$7.50
GW-43	100ml, Plastic	\$8.90
GW-44	250ml, Plastic	\$11.95
GW-45	500ml, Plastic	\$15.50
GW-46	1000ml, Plastic	\$19.50
GW-47	2000ml, Plastic	\$42.50



### Glass Graduated Beakers

Beakers are made of borosilicate glass, and are autoclavable to 350°C. All items feature easy to read white graduated scales. Beakers also have a marking area.

Part#	Description	Price
GW-30	50ml, Glass	\$2.95
GW-31	100ml, Glass	\$3.00
GW-32	250ml, Glass	\$3.85
GW-33	400ml, Glass	\$4.00
GW-34	600ml, Glass	\$5.50
GW-35	1000ml, Glass	\$11.95
GW-36	2000ml, Glass	\$19.95



### Plastic Graduated Beakers

Beakers, molded in polypropylene, have excellent clarity and very good chemical resistance. The autoclavable beakers have prominently raised graduations on the outer surface and a tapered spout.

Part#	Description	Price
GW-50	50ml, Plastic	\$2.80
GW-51	100ml, Plastic	\$3.00
GW-52	250ml, Plastic	\$3.50
GW-53	400ml, Plastic	\$4.80
GW-54	600ml, Plastic	\$7.50
GW-55	1000ml, Plastic	\$7.90
GW-56	2000ml, Plastic	\$18.40



**Glass Filter Flasks**

Thick-wall filter flasks have side tubulation for 3/8" ID vacuum tubing. The 2000ml and 4000ml sizes are often used as pycnometers, and small 1000ml flasks are often used in line to form a vapor trap for vacuum pump protection in the rice test.

Part#	Description	Price
GW-74	1000ml, Filter	\$39.95
GW-75	2000ml, Filter	\$79.95
GW-76	5000ml, Filter	\$128.00



**Glass Erlenmeyer Flasks**

Narrow mouth Erlenmeyer Flasks have heavy-duty rim and volume graduations for approximate measuring/mixing. Large matte spot for easy writing/erasing.

Part#	Description	Price
GW-10	125ml, Erlenmeyer	\$6.00
GW-11	250ml, Erlenmeyer	\$6.50
GW-12	500ml, Erlenmeyer	\$8.00
GW-13	1000ml, Erlenmeyer	\$13.00
GW-14	2000ml, Erlenmeyer	\$26.50
GW-15	5000ml, Erlenmeyer	\$69.00



**Le Chatelier Flask**

ASTM D188; AASHTO T133

The 250ml Le Chatelier Flask is used for determining density of powdered materials, such as limes, slag and hydraulic cement. Its neck is graduated from 0 to 1ml and from 18 to 24ml.

SG-24 Le Chatelier Specific Gravity Flask \$106.50



**Wash Bottles with Long Neck Spout**

The wash bottles are made of translucent and low density polyethylene. Solutions can be dispensed easily by lightly squeezing the bottle. The flexible delivery tube can be directed wherever required.

WB250 Wash Bottle 250ml \$3.45

WB500 Wash Bottle 500ml \$3.75

WB1000 Wash Bottle 1000ml \$4.95



**Glass Stirring Rods**

Stirring rods are made of soft flint glass, with both ends fire-polished and rounded.

GSR008 Glass Stirring Rods 8" Long x 5mm Dia. 12/pk \$9.00

GSR012 Glass Stirring Rods 12" Long x 10mm Dia. 12/pk \$20.00



**Porcelain Crucibles with Lid**

The wide form crucibles include covers and are glazed on inner and outer surfaces except for the outside bottom and rim. The crucibles are autoclavable and withstand temperatures to 1150° C. To prevent thermal stress cracks, the heating/cooling rate should not exceed 200°C per hour. They have excellent resistance to acids and alkalis except for hydrofluoric acid.

JCL100 Porcelain Crucible w/ Lid, 100ml \$9.95

JCL250 Porcelain Crucible w/ Lid, 250ml \$12.95



**Volumetric Flask**

ASTM D854; AASHTO T100

The high-quality borosilicate volumetric flasks have tooled necks to fit the included snap-caps. Has graduation line for accurate measurements.

Part#	Description	Price
SG-100	100ml, Volumetric	\$10.50
SG-250	250ml, Volumetric	\$15.00
SG-500	500ml, Volumetric	\$20.50
SG-1000	1000ml, Volumetric	\$28.50



**Chapman Flask**

ASTM C70; AASHTO T142

The Chapman flask has two bulbs for determining the approximate percentage of voids and surface moisture in fine aggregates. It is graduated to 200ml between its bulbs and from 375ml up to 450ml (in 1ml increments) above the second bulb.

H-3460 Chapman Specific Gravity Flask \$116.00



**Specific Gravity Bottles**

ASTM D854; AASHTO T100

The specific gravity bottles are adjusted for routine commercial testing and fitted with a ground-in perforated stopper. A small hole in the center of the stopper allows emission of air and surplus water.

H-3385 Specific Gravity Bottle 25ml \$152.00

H-3386 Specific Gravity Bottle 50ml \$171.00

H-3387 Specific Gravity Bottle 100ml \$173.70



**Wash Bottles with Long Neck Spout**

The plastic wash bottle has a wide mouth design for easy cleaning, refilling and dispensing. The 16oz. bottle is comparable to the 500ml sized wash bottle above.

WB016 Wash Bottle 16oz. (500ml) \$3.75



**Glass Burettes**

Burettes are made from the highest quality accurate bore tubing to provide a high degree of accuracy, reliability, and durability. All graduations are in resilient white enamel. Accuracy as per Class "B".

Part#	Description	Price
BR2130-10	10ml Burette	\$30.00
BR2130-25	25ml Burette	\$40.00
BR2130-50	50ml Burette	\$48.00
BR2130-100	100ml Burette	\$55.00



**Round Sample Tins**

SC-498 Sample Tins 2oz., 1.9"D x 1.3"H (12/case) \$14.00

SC-502 Sample Tins 4oz., 2.4"D x 1.6"H (12/case) \$16.00

SC-506 Sample Tins 8oz., 3"D x 2.2"H (12/case) \$22.00

SC-508 Sample Tins 16oz., 3.8"D x 2.8"H (12/case) \$26.50



**Round Aluminum Pan**

The durable, 1.3 quart capacity round pan is made of seamless, heavy-gauge aluminum. The pan is lightweight and rust proof.

ALCP0902 Round Aluminum Pan 9" Dia. x 2" H \$6.00

ALCP1402 Round Aluminum Pan 14" Dia. x 2" H \$13.00

ALCP1603 Round Aluminum Pan 16" Dia. x 3" H \$18.75



**Heavy Duty Aluminum Pans**



The heavy duty aluminum pans are professional grade baking pans, made of a hard 3004 aluminum alloy, with spot welded handles.

HA-2013 HD Pan 13.75" x 9.75" x 2.25" (NO HANDLES) \$22.50

HA-2014 HD Pan 10" x 15" x 2.25" \$23.50

HA-2015 HD Pan 11" x 15.5" x 2.25" \$26.35

HA-2018 HD Pan 17.75" x 11.75" x 2.5" \$37.00

HA-2019 HD Pan 16.75" x 13" x 3 5/8" \$41.50

HA-2024 HD Pan 25.75" x 17.75" x 2.25" \$47.50

**Stainless Steel Round Pans**

SC-73 SS Round Pan 10"D x 2"H \$5.50

SC-74 SS Round Pan 14.2"D x 1.9"H \$10.00

SC-77 SS Round Pan 11"D x 3.5"H \$8.00

SC-78 SS Round Pan 13.5"D x 5"H \$14.00



**Galvanized Pan - Straight Sides**

H-3700 Galvanized Pan - Straight Sides 18" x 18" x 1-1/2" \$46.00

SC-3 Galvanized Pan - Straight Sides 24" x 24" x 4" \$57.00



**Stainless Steel Bowls**

SC-81 Round SS Bowl 3 Qt., 9"D x 3.2"H \$6.00

SC-82 Round SS Bowl 5 Qt., 11.3"D x 3.6"H \$9.00

SC-83 Round SS Bowl 8 Qt., 13.3"D x 4.4"H \$13.00

SC-84 Round SS Bowl 16 Qt., 17.5"D x 5"H \$19.00



**Aluminum Pans**



The pans are made of seamless, heavy-gauge aluminum. They are durable, light-weight and rust-proof.

SC-152 Aluminum Pan 8" x 8" x 2" \$10.00

SC-163 Aluminum Pan 13.5" x 9" x 2.5" \$10.00

SC-151 Aluminum Pan 15.5" x 11" x 2" \$36.95

SC-150 Aluminum Pan 18" x 12" x 2.5" \$42.50

SC-149 Aluminum Pan 26" x 18" x 3.5" \$107.00

**Stainless Steel Pans**

SC-50 SS Pan 20 3/4" x 12 3/4" x 2 1/2" \$28.00

SC-55 SS Pan 12 3/4" x 10 3/4" x 2 1/2" \$13.50

SC-60 SS Pan 12 3/4" x 6 7/8" x 2 1/2" \$13.00

SC-65 SS Pan 10 3/8" x 6 3/8" x 2 1/2" \$12.00

SC-48 SS Pan 7" x 4 7/8" x 2 1/2" \$6.00

SC-47 SS Pan 13 7/8" x 12 3/4" x 2 1/2" \$19.00

SC-51 SS Pan 20 3/4" x 12 3/4" x 4" \$32.00

SC-56 SS Pan 10 1/2" x 12 3/4" x 4" \$17.00

SC-49 SS Pan 12 3/4" x 7" x 4" \$13.50

SC-58 SS Pan 10 1/2" x 6 3/8" x 4" \$11.50

SC-59 SS Pan 13 7/8" x 12 3/4" x 4" \$23.00

SC-52 SS Pan 20 3/4" x 12 3/4" x 6" \$37.50

SC-57 SS Pan 10 1/2" x 12 3/4" x 6" \$23.90

SC-61 SS Pan 12 3/4" x 6 7/8" x 6" \$22.50

SC-66 SS Pan 10 1/2" x 6 3/8" x 6" \$18.00

SC-64 SS Pan 13 7/8" x 12 3/4" x 6" \$33.00



**Galvanized Pans - Tapered Sides**

HM-214 Galvanized Pan - Tapered Sides 18" x 18" x 3" \$46.95

HM-213 Galvanized Pan - Tapered Sides 24" x 24" x 3" \$61.95



**Sample Cans**



The sample cans are made of round, tinned metal and are ideal for storing or transporting soil, aggregates, or other samples. Epoxy lacquered interiors and tight fitting friction-type lids provided.

- SC-270 Sample Can 1 Quart, 12/pk \$27.60
- SC-272 Sample Can 1 Gallon, 6/pk \$27.00

**Galvanized Pan - Tapered Sides**



H-3723 Galvanized Pan - Tapered Sides 20" x 10" x 3" \$36.00

**Material Handling Pans**



The rugged material pans can handle heavy loads in the lab and field. They are made of durable heavy gauge steel and are suitable for use in drying ovens.

- TSA-163 Material Handling Pan 12"W x 20.5"L x 4"H \$71.50
- TSA-162 Material Handling Pan 15"W x 30"L x 4"H \$75.00

**Material Handling Scoop**



The material handling scoop is constructed of stainless steel.

- HMA-68 Material Handling Scoop 14" x 23" x 9" \$125.00

**Poly Woven Sample Bags**



- PXSB18X30 Woven Poly Sample Bag 18" x 30" w/ Tie 100/case \$50.00

**Clear Poly Sample Bags**



- L8515 Clear Poly Sample Bags 14" x 24", 6 Mil 250/case \$114.00
- L8585 Clear Poly Sample Bags 18" x 30", 6 Mil 200/case \$134.00

**Spatulas**

All spatulas are made of flexible stainless steel and are riveted into wooden handles.



Part#	Description	Price
H-4904	Spatula 4"L x 0.75"W	\$7.50
H-4906	Spatula 6"L x 0.875"W	\$9.00
H-4907	Spatula 6"L x 0.5"W (ASTM C185, C780; AASHTO T137)	\$11.20
H-4908	Spatula 8"L x 1.25"W	\$10.00
H-4910	Spatula 10"L x 1.25"W	\$15.00

**Laboratory Coat**

Knee-length lab coats made of easy care white cotton blend fabric (65% polyester, 35% cotton). The coats feature one upper left breast pocket, two roomy lower pockets, side pocket slit openings, and a sewn-down back belt.

- LCMS01 Men's Lab Coat - S (size 36) \$23.50
- LCMM01 Men's Lab Coat - M (size 40) \$23.50
- LCML01 Men's Lab Coat - L (size 44) \$23.50
- LCMXL1 Men's Lab Coat - XL (size 48) \$24.00
- LCMXXL1 Men's Lab Coat - XXL (size 50) \$29.50
- LCM3XL1 Men's Lab Coat - XXXL (size 52) \$37.75
- LCLS01 Women's Lab Coat - S (4-6) \$23.50
- LCLM01 Women's Lab Coat - M (8-10) \$23.50
- LCLL01 Women's Lab Coat - L (12-14) \$23.50



**7 mil Nitrile Powder-Free Gloves**

Nitrile gloves provide better chemical resistance than latex. The gloves are designed for automotive, janitorial, painting, maintenance and light agricultural work. The industrial quality of the gloves is resistant to grime, grease and solvents and are three times more puncture resistance than vinyl or latex. In addition the gloves are disposable and powder free.

- 50 pairs in a pack
- Exceptional tensile strength
- Textured fingertips
- Reversible to fit either hand

- 68504 Medium Nitrile Gloves \$15.00/pk
- 68505 Large Nitrile Gloves \$15.00/pk
- 68506 X-Large Nitrile Gloves \$15.00/pk



**Table Brush**



The table brush has 10 x 1.75" horsehair bristles and is suitable for clean up of lab equipment. The 11.5" long brush comes with a wood handle.

- TSA-174 Table Brush \$12.95

**Laboratory Apron**

The aprons are made of a chemical resistant PVC-coated fabric which stays flexible. There is reinforcement at the points of strain. Aprons include cloth ties at the neck and waist.



- LBAP01 Lab Apron, 36" x 27" \$8.00
- LBAP02 Lab Apron, 42" x 27" \$8.50
- LBAP03 Lab Apron, 42" x 36" \$8.75
- LBAP04 Lab Apron, 46" x 36" \$11.00

**Long Cuff Rubber Gloves**

The lightweight and oil-resistant PVC lab gloves feature 26" long cuffs to keep the entire arm shielded from hazardous materials. They are finished with a rough surface for a better grip and a cotton lining provides comfort for extended wear. The gloves are essential for working with toxic, hazardous or corrosive materials.



- 99677 Rubber Gloves \$9.95

**Charguard Heat Resistant Gloves**

The Charguard heat resistant gloves provide non-slip grip and abrasion resistance. Their black coating hides dirt and does not show char. Gloves are 14" long and come in small, medium, large, and extra large.

- AP-5425 Charguard Gloves, SM \$14.50
- AP-5426 Charguard Gloves, MD \$14.50
- AP-5427 Charguard Gloves, LG \$14.50
- AP-5428 Charguard Gloves, XL \$14.50



**Crucible Tongs**



The crucible tongs have an overall length of 9" and include riveted joints and serrated tips.

- CTSP09 Crucible Tongs \$5.00

**Beaker Tongs**



The beaker tongs feature strong zinc-plated steel construction with flat riveted joints and vinyl coated sleeves that open up to 7" wide. The tongs can handle beakers from 50ml—1500ml capacity and have an overall length is 9.75".

- BTSP09 Beaker Tongs \$6.00

**Chemicals**

Part#	Description	Price
LSAC207861-500G	Ammonium Carbonate 500g	\$67.80
0935-500G	Barium Chloride 500g	\$74.55
31035045	Glacial Acetic Acid 2.5L	\$55.30
38262045	Hydrochloric Acid 2.5L	\$41.25
21209704	Red pH Buffer Solution 4.00, 500ml	\$14.00
21209707	Yellow pH Buffer Solution 7.00, 500ml	\$14.00
21209710	Blue pH Buffer Solution 10.00, 500ml	\$14.00
LSAC216615-100G	Potassium Chromate 100g	\$66.45
LSAC221945-500G	Potassium Iodide 500g	\$128.55

Part#	Description	Price
LSAC209139-25G	Silver Nitrate 25g	\$108.25
LSACS9888-2.5KG	Sodium Chloride 2.5kg	\$87.50
HM-816	Sodium Hydroxide Pellets 11b	\$9.00
LC243055	Sodium Hydroxide 0.3125N, 20L	\$105.00
R5250A-20L	Sodium Hydroxide 1N, 20L	\$100.00
8515-2KG	Sodium Sulfate 2kg	\$81.25
49583045	Sulfuric Acid 2.5L	\$62.50
LSAC546739-500G	Zinc Bromide 500g	\$191.90
LSAC208086-500G	Zinc Chloride 500g	\$76.25

If the chemical you're looking for isn't listed please inquire at 888.293.2121 or sales@myerstest.com

Prices subject to change without notice. Please call to check current pricing.

**Fire-Proofing**

**Depth Gauge**



The depth gauge measures the thickness of fireproofing. The gauge is composed of 2-pieces of molded plastic and a steel penetration point.

- FP-01 Depth Gauge \$14.40

**Bond Strength Cap with Hook**



The bond strength cap is used to determine fire-proofing adhesion/bond strength.

- FP-03 2 1/8" x 1/2" \$0.80
- FP-06 3 1/4" x 1/2" \$1.00

**2 Part Epoxy Foam**

The two-part liquid, expanding rigid urethane foam is a closed cell, pourable foam that resists the absorption of water. Once fully cured, the foam can be laminated over with any type of polyester, epoxy or vinyl ester resin without melting. The epoxy can be poured in multiple layers with excellent bonding between layers.



- Working time before foaming: Approx. 45 min
- Time before full expansion: Approx. 5 min

- FP-02 2 Part Epoxy (A & B), 4lb Kit \$39.95

See page 125 for pull scale options

sales@myerstest.com myerstest.com 888.293.2121

Dial

Digital Infrared Guns

**Dial Face Thermometer 25°F - 125°F**

- Range: 25°F - 125°F
- Face: 1" Diameter
- Probe: 5" Long
- Readability: 1°F with Calibration Nut
- Includes Plastic Protective Sleeve




**PD-125 Dial Face Thermometer 25°F - 125°F \$7.50**

**PD-125-Q Dial Face Thermometer 25°F - 125°F, Qty 12+ \$5.75**

**Dial Face Thermometer 0°F - 220°F**

- Range: 0°F - 220°F
- Face: 1.75" Diameter
- Probe: 5" Long
- Readability: 2°F with Calibration Nut
- Accuracy: ±2°F
- Includes Plastic Protective Sleeve



**PD-220 Dial Face Thermometer 0°F - 220°F \$7.50**

**Dial Face Thermometer 50°F - 550°F**


- Range: 50°F - 550°F
- Face: 1" Diameter
- Probe: 5" Long
- Readability: 5°F
- Includes Plastic Protective Sleeve



**PD-550 Dial Face Thermometer 50°F - 550°F \$8.00**

**Large Dial Face Thermometer 50°F - 550°F**


- Dual Range 50°F - 550°F (0-250°C)
- Face: 1.75"
- Probe: 8" x 1/8"
- Readability: 5°F
- Accuracy: ±1%
- Includes Plastic Protective Sleeve



**GF-550 Large Dial Face Thermometer 50°F - 550°F \$12.95**

**Tel-Tru Dial Face Thermometer 50°F - 550°F**


- High Quality Construction for Longer Life
- Face: 1.75"
- Probe: 8"
- Back Connected
- Friction Nut for Calibration
- Glass Lens



**GT100R Tel-Tru Dial Face Thermometer \$24.50**

**Dial Face Surface Thermometer**

Dial face surface thermometers are 2 inches in diameter and have 2% accuracy. They measure on contact with any horizontal surface. They can also attach to non-horizontal ferrous surfaces via two integral magnet




**MA-125 Range: 0°F - 150°F \$37.50**

**MA-126 Range: 0°F - 250°F \$37.50**

**MA-127 Range: 0°F - 500°F \$37.50**

**Digital Infrared Thermometer with Laser -40°F - 1076°F**


- Range: -40° to 1076°F (-40° to 580°C)
- Accuracy: ±3°F (2°C) or ±2% of reading (whichever is greater) above 32°F (0°C); ±5°F (3°C) or ±2% of reading (whichever is greater) below 32°F
- High quality 12:1 optics
- Bright Laser Pointer
- Easily Switch from °C to °F
- Backlit Display
- Auto Power Off Trigger: Inactivity for 1 minute
- Power Source: "9V" battery (included)



**TS05 ToolSmart™ Digital Infrared Thermometer \$39.95**

**Digital Infrared Thermometer with "K" Port -58°F - 1202°F**


- 12:1 Ratio
- Range: -58° to 1201°F (-50° to 650°C)
- Accuracy: ±3.6°F (±2°C) or ±2% of reading (whichever is greater) above 32°F (0°C); ±5.4°F (±3°C) or ±3% of reading (whichever is greater) below 32°F
- "K" Port Range: -146° to 2498°F (-99° to 1370°C)
- "K" Port Accuracy: ±(1% of reading + 1°C) above 32°F (0°C); ±(2% of reading + 2°C) below 32°F
- Auto Power Off: After 30 seconds of inactivity
- Power Source: 9V battery (included)



**IRT659K Digital Infrared Thermometer with "K" Port \$68.95**

**Digital Infrared Thermometer with "K" Port -58°F - 1472°F**


- Distance/Target: 30:1 (1" target diameter at 30" distance)
- Range: -58°F to 1472°F (-50° to 800°C)
- Accuracy: ±7.2°F (±4°C) from -58° to 32°F (-50° to 0°C); ±1.5% of reading or ±3.6°F (±2°C), whichever is greater, from 32° to 752°F (0° to 400°C); ±2
- "K" port measurement range: -40° to 2372°F (-40° to 1300°C)
- "K" port measurement accuracy: ±(1% of reading + 1°C) above 0°C; ±(2% of reading + 2°C) below 0°C
- Auto Power Off: After 30 seconds of inactivity
- Power Source: 9V battery (included)



**IRK730K Digital Infrared Thermometer with "K" Port, 30:1 \$99.99**

**Digital Infrared Thermometer with Laser -76°F - 2732°F**


- Distance/Target: 50:1 (1" target diameter at 50" distance)
- Range: -76°F to 2732°F
- Adjustable Emissivity
- Dual Targeting Lasers
- Tripod Mount
- Min/Max/Avg/Dif Memory
- Accuracy: ±1.8°F from 59° To 95°; ±2% of reading or 3.6°F (whichever is greater) from -27° To 59°F and 95° To 2732°F
- Resolution: 0.1° Below 1000°; 1° At and above 1000°
- Response Time: 1 Second
- "K" Port Range: -83° to 2552°F



**IRT850K Digital Infrared with K Port \$215.00**

**Pocket Digital Thermometer -40°F - 450°F**


- Accuracy: ± 1°F from 0°-230°F, ±3.6°F above 230°F
- Resolution: 0.1°F/C
- Units: Switchable between °C/°F



**9842 Digital Thermometer -0°F - 450°F \$14.00**

**Long Stem Digital Thermometer -58°F - 392°F**

- Range: -58 to 392°F (-50 to 200°C)
- Accuracy: ±0.9°F (±0.5°C)
- 8"L x 0.137" Dia. Probe
- Min/Max Temp
- IP67 Water Resistant
- 5,700 hours of battery life




**RT304-8 Long Stem Digital Thermometer \$19.50**

**RT304-8-Q Long Stem Digital Thermometer, Qty 6+ \$18.00**

**Min/Max Digital Thermometer -58°F - 572°F**

The waterproof min/max thermometer has a range of -58°F - 572°F (-50°C - 300°C) and an accuracy of ±1.8°F. It can read in both fahrenheit and celsius and includes a protective pocket clip.




**RT600B Min/Max Digital Thermometer \$17.50**

**RT600B-Q Min/Max Digital Thermometer, Qty 6+ \$15.00**

**Long Stem Digital Thermometer -40°F - 450°F**

The long stem digital has a temperature range of -40° To 450°F. It features an adjustable head for multiple viewing angles, stainless steel 9" stem, and a large 1" LCD readout.




**9839-15 Long Stem Digital Thermometer \$16.00**

**9839-15-Q Long Stem Digital Thermometer, Qty 6+ \$13.95**

**Digital Lollipop Min/Max -58°F - 392°F**

The digital lollipop thermometer has a range of -58° to 392°F and a resolution of 0.1°F/C. It is IP65 water resistant and features auto-calibration.




**11040 Digital Thermometer -58°F - 392°F \$15.00**

**11040-Q Digital Thermometer, Qty 6+ \$13.75**

**NIST Traceable Digital Thermometer -58°F - 572°F**

The thermometer fits well into flasks, cuvettes, test tubes and beakers. Its 8" stainless steel probe is resistant to most lab chemicals.




- C/F Switchable
- Range: -58° - 572°F
- Resolution: -20° - 200° = 0.1°, outside range 1.0°
- Accuracy: ±0.2°C @ tested points
- 5 Point Full Range NIST Certificate Included

**ACC310SUP NIST Traceable Digital Thermometer \$59.95**

**Flip Probe Digital Thermometer -58°F - 572°F**


- Temperature Range: -58°C to 572°C (-50 to 300°F)
- Accuracy: ± 1° @ -4°F to 392°
- Resolution: ±0.1°
- Made of ABS Plastic w/ 304 SS Probe
- Auto Power Off (After 10 Min)
- Power: AAA Battery (not included)



**ST11 Flip Probe Digital Pocket Thermometer \$15.00**

**Infrared Thermometer with Probe**


- Temperature Range: -4°F to 518°F (-20°C to 270°C)
- Infrared Accuracy: 1.5% of reading 32°F to 518°F (0°C to 270°C)
- 4" Steel Probe Accuracy: 1% of reading -4°F to 392°F (-20°C to 200°C)
- Single Dot Laser Targeting
- Carrying Case (included)
- Optical Ratio: 6:1



**LIT6P Infrared Thermometer with Probe \$49.95**

**Mini Infrared Thermometer**

- Distance/Target: 6:1 (1" target diameter at 6" distance)
- Range: -4°F to 518°F (-20°C to 270°C)
- Accuracy: ± 1.5% of reading 32°F to 518°F (0°C to 270°C)
- Resolution: 1°F (1°C)
- Ambient Temperature
- Single Dot Laser Targeting



**PIT6L Mini Infrared Thermometer \$29.95**

Mercury & Spirit Filled

CAUTION


Mercury can not be shipped to the following states:

- |               |                 |                  |
|---------------|-----------------|------------------|
| • California  | • Massachusetts | • New Jersey     |
| • Connecticut | • Michigan      | • New York       |
| • Illinois    | • Minnesota     | • North Carolina |
| • Louisiana   | • Nebraska      | • Ohio           |
| • Maine       | • New Hampshire |                  |

Please check your local mercury laws or call to get an updated list before ordering mercury products 888.293.2121

**Min/Max Mercury Push Button**

The min/max thermometer shows maximum and minimum °F and °C temperatures since last reset, as well as present temperature.

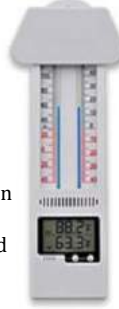


- Range: -40°F - 120°F (Div. 2°F)/-40°C - 50°C (Div. 1°C)
- U-Shaped Capillary Mounted in Plastic (8"L x 2 5/8"W x 1"D)
- Includes Guard and Mounting Tab

**Min/Max Min/Max Mercury Push Button \$14.00**

**Min/Max Spirit Filled Digital**

- Great alternative to the mercury min/max thermometer
- Dual Range: -40 to 120°F (-40 to 50°C)
- Length: 8"
- Div: 2°F
- Current temperature displayed on the spirit filled sticks
- Min/max temperatures displayed on the digital read out



**Min/MaxD Min/Max Spirit Filled Digital \$14.00**

**Glass Spirit Filled**

- Dual Range Spirit Filled Glass Stick Thermometer
- Range: 0°F - 125°F / -20°C - 50°C
- Length: 5"
- Metal Sleeved Case



**PG-125 Glass Spirit Filled Thermometer \$8.00**

**PG-125-Q Quantity of 12 or More \$6.50**

ASTM Mercury

ASTM Spirit Filled

ASTM Mercury Thermometers  
ASTM E1

Mercury Thermometers listed are made in accordance with specifications of the American Society for Testing and Material. Strict manufacturing procedures and quality controls insure full compliance to ASTM E-1. These instruments are made from annealed glass and have been extensively aged for minimal scale error and stability. Many crossover to the IP standard listed alongside the ASTM number. These thermometers were designed for specific testing and can be calibrated to your specific requirements. Many are available in non-mercury configurations and meet ASTM standards for accuracy tolerance and uncertainties and can be used as a primary standard.



Part#	Application	ASTM	Range	Div.	Price
ACC001C	General Use	1C	-20° - 150°C	1.0°C	\$26.50
ACC001F	General Use	1F	0° - 302°F	2.0°F	\$26.50
ACC002C	General Use	2C	-5° - 300°C	1.0°C	\$34.50
ACC002F	General Use	2F	20° - 580°F	2.0°F	\$34.50
ACC003C	General Use	3C	-5° - 400°C	1.0°C	\$41.40
ACC003F	General Use	3F	20° - 760°F	2.0°F	\$41.40
ACC005C	Cloud & Pour	5C	-38° - 50°C	1.0°C	\$27.70
ACC005F	Cloud & Pour	5F	-36° - 120°F	2.0°F	\$27.70
ACC006C	Low Cloud & Pour	6C	-80° - 20°C	1.0°C	\$36.00
ACC006F	Low Cloud & Pour	6F	-112° - 70°F	2.0°F	\$36.00
ACC007C	Low Distillation	7C	-2° - 300°C	1.0°C	\$38.00
ACC007F	Low Distillation	7F	30° - 580°F	2.0°F	\$38.00
ACC008C	High Distillation	8C	-2° - 400°C	1.0°C	\$38.00
ACC008F	High Distillation	8F	30° - 760°F	2.0°C	\$38.00
ACC009C	Low Pinsky Martens	9C	-5° - 110°C	0.5°C	\$31.10
ACC009F	Low Pinsky Martens	9F	20° - 230°F	1.0°F	\$31.10
ACC010C	High Pinsky Martens	10C	90° - 370°C	2.0°C	\$38.00
ACC010F	High Pinsky Martens	10F	200° - 700°F	5.0°F	\$38.00
ACC011C	Cleveland Open Flash	11C	-6° - 400°C	2.0°C	\$38.00
ACC011F	Cleveland Open Flash	11F	20° - 760°F	5.0°F	\$38.00
ACC012C	Gravity	12C	-20° - 102°C	0.2°C	\$43.45
ACC012F	Gravity	12F	-5° - 215°F	0.5°F	\$43.45
ACC013C	Loss on Heat	13C	155° - 170°C	0.5°C	\$69.20
ACC014C	Wax Melting Point	14C	38° - 82°C	0.1°C	\$41.40
ACC014F	Wax Melting Point	14F	100° - 180°F	0.2°F	\$41.40
ACC015C	Low Softening Point	15C	-2° - 80°C	0.2°C	\$39.25
ACC015F	Low Softening Point	15F	30° - 180°F	0.5°F	\$39.25
ACC016C	High Softening Point	16C	30° - 200°C	0.5°C	\$41.40
ACC016F	High Softening Point	16F	185° - 392°F	1.0°F	\$41.40

Please inquire for NIST traceable thermometers or other temperature ranges.  
888.293.2121

Prices subject to change without notice. Please call to check current pricing.

Part#	Application	ASTM	Range	Div.	Price
ACC017C	Saybolt Viscosity	17C	19° - 27°C	0.1°C	\$34.55
ACC017F	Saybolt Viscosity	17F	66° - 80°F	0.2°F	\$34.55
ACC018C	Saybolt Viscosity	18C	34° - 42°C	0.1°C	\$34.55
ACC018F	Saybolt Viscosity	18F	94° - 108°F	0.2°F	\$34.55
ACC019C	Saybolt Viscosity	19C	49° - 57°C	0.1°C	\$34.55
ACC019F	Saybolt Viscosity	19F	120° - 134°F	0.2°F	\$34.55
ACC020C	Saybolt Viscosity	20C	57° - 65°C	0.1°C	\$34.55
ACC020F	Saybolt Viscosity	20F	134° - 148°F	0.2°F	\$34.55
ACC021C	Saybolt Viscosity	21C	79° - 87°C	0.1°C	\$34.55
ACC022F	Oxidation Stability	22F	204° - 218°F	0.2°F	\$34.55
ACC022C	Oxidation Stability	22C	95° - 103°C	0.1°C	\$34.55
ACC028F	Kinematic Viscosity	28F	97.5° - 102.5°F	0.1°F	\$134.15
ACC028C	Kinematic Viscosity	28C	36.6° - 39.4°C	0.05°C	\$134.15
ACC033F	Low Aniline Point	33F	-36.5° - 107.5°F	0.5°F	\$62.40
ACC033C	Low Aniline Point	33C	-38° - 42°C	0.2°C	\$62.40
ACC035F	High Aniline Point	35F	194° - 338°F	0.5°F	\$62.40
ACC035C	High Aniline Point	35C	90° - 170°C	0.2°C	\$62.40
ACC045F	Kinematic Viscosity	45F	74.5° - 79.5°F	0.1°F	\$129.45
ACC045C	Kinematic Viscosity	45C	23.6° - 26.4°C	0.05°C	\$129.45
ACC046C	Kinematic Viscosity	46C	48.6° - 51.4°C	0.05°F	\$129.45
ACC046F	Kinematic Viscosity	46F	119.5° - 124.5°F	0.1°F	\$129.45
ACC047F	Kinematic Viscosity	47F	137.5° - 142.5°C	0.1°C	\$129.45
ACC047C	Kinematic Viscosity	47C	58.6° - 61.4°C	0.05°C	\$129.45
ACC057F	Tag Closed Tester Low Range	57F	-4° - 122°F	1.0°F	\$41.30
ACC057C	Tag Closed Tester Low Range	57C	-20° - 50°C	0.5°C	\$41.30
ACC063F	Precision	63F	18° - 89°F	0.2°F	\$173.40
ACC063C	Precision	63C	-8° - 32°C	0.1°C	\$173.40
ACC064F	Precision	64F	77° - 131°F	0.2°F	\$173.40
ACC064C	Precision	64C	25° - 55°C	0.1°C	\$173.40
ACC110F	Kinematic Viscosity	110F	272.5° - 277.5°	0.1°F	\$152.20
ACC110C	Kinematic Viscosity	110C	133.6° - 136.4°C	0.05°C	\$152.20
ACC113F	Bituminous Softening Point	113F	30° - 350°F	1.0°F	\$55.50
ACC113C	Bituminous Softening Point	113C	-1° - 175°C	0.5°C	\$55.50

ASTM Spirit Filled Thermometers  
ASTM E1, E77

The non-mercury, spirit filled thermometers are made in accordance with ASTM specifications. Strict manufacturing procedures and quality controls ensure full compliance to ASTM E-1. These instruments are made from annealed glass and have been extensively aged for minimal scale error and stability. Many crossover to the IP standard listed alongside the ASTM number. These thermometers were designed for specific testing and can be calibrated to your specific requirements. Please inquire for calibration certificates — pricing varies.



Part#	Appl.	ASTM	Range	Div.	Price
ACC001CBLS	PI	S1C	-20° - 150°C	1°C	\$73.45
ACC001FBLS	PI	S1F	0° - 302°F	2°F	\$73.45
ACC005CBLS	CP	S5C	-38° - 50°C	1°C	\$72.90
ACC005FBLS	CP	S5F	-36° - 120°F	2°F	\$72.90
ACC009CBLS	LPM	S9C	-5° - 110°C	0.5°C	\$71.55
ACC009FBLS	LPM	S9F	20° - 230°F	1°F	\$71.55
ACC012CBLS	G	S12C	-20° - 102°C	0.2°C	\$125.70
ACC012FBLS	G	S12F	-5° - 215°F	0.5°F	\$125.70
ACC014CBLS	WMP	S14C	38° - 82°C	0.1°C	\$110.00
ACC014FBLS	WMP	S14F	100° - 180°F	0.2°F	\$110.00
ACC015CBLS	LSP	S15C	-2° - 80°C	0.2°C	\$96.20
ACC015FBLS	LSP	S15F	30° - 180°F	0.5°F	\$96.20
ACC016CBLS	HSP	S16C	30° - 200°C	0.5°C	\$101.95
ACC016FBLS	HSP	S16F	85° - 392°F	1°F	\$101.95
ACC017CBLS	SV	S17C	19° - 27°C	0.1°C	\$78.00
ACC017FBLS	SV	S17F	66° - 80°F	0.2°F	\$78.00
ACC018CBLS	SV	S18C	34° - 42°C	0.1°C	\$86.35
ACC018FBLS	SV	S18F	94° - 108°F	0.2°F	\$86.35
ACC019CBLS	SV	S19C	49° - 57°C	0.1°C	\$84.65
ACC019FBLS	SV	S19F	120° - 134°F	0.2°F	\$84.65
ACC020CBLS	SV	S20C	57° - 65°C	0.1°C	\$86.10
ACC020FBLS	SV	S20F	134° - 148°F	0.2°F	\$86.10
ACC021CBLS	SV	S21C	79° - 87°C	0.1°C	\$88.75
ACC021FBLS	SV	S21F	174° - 188°F	0.2°F	\$88.75
ACC022CBLS	SV	S22C	98° - 103°C	0.1°C	\$96.20
ACC022FBLS	SV	S22F	204° - 218°F	0.2°F	\$96.20
ACC033CBLS	LAP	S33C	-38° - 42°C	0.2°C	\$124.65
ACC033FBLS	LAP	S33F	-36.5° - 107.5°F	0.5°F	\$124.65
ACC034CBLS	MAP	S34C	25° - 105°C	0.2°C	\$102.40
ACC034FBLS	MAP	S34F	77° - 221°F	0.5°F	\$102.40
ACC036CBLS	TT	S36C	-2° - 68°C	0.2°C	\$79.00
ACC037CBLS	SD	S37C	-2° - 52°C	0.2°C	\$75.75
ACC038CBLS	SD	S38C	24° - 78°C	0.2°C	\$83.55
ACC039CBLS	SD	S39C	48° - 102°C	0.2°C	\$93.00
ACC040CBLS	SD	S40C	72° - 126°C	0.2°C	\$99.90

Please inquire for NIST traceable thermometers or other temperature ranges.

Application Key	
Partial Immersion	PI
Cloud & Pour	CP
Low Pinsky-Martens	LPM
Gravity	G
Wax Melting Point	WMP
Low Softening Point	LSP
High Softening Point	HSP
Saybolt Viscosity	SV
Low Aniline Point	LAP
Medium Aniline Point	MAP
Titer Test	TT
Solvents Distillation	SD
Stormer Viscosity	STV
Congealing Point	CP
Bomb Calorimeter	BC
Tag Clsd Tester Low Rng	TCTLR
Tank	T
Petrolatum Melting Pot	PMP
Fuel Rating, Engine	FRE
Fuel Rating, Air	FRA
Fuel Rating, Orifice Tank	FROT
Fuel Rating, Surge	FRS
Fuel Rating, Mix	FRM
Solidification Point	SP
Weathering Test	WT
Bitumen Softening Point	BSP
Kinematic Viscosity	KV

Part#	Appl.	ASTM	Range	Div.	Price
ACC042CBLS	SD	S42C	95° - 255°C	0.5°C	\$112.00
ACC49CBLS	STV	S49C	20° - 70°C	0.2°C	\$88.75
ACC054CBLS	CP	S54C	20° - 100.6°C	0.2°C	\$102.40
ACC054FBLS	CP	S54F	68° - 213°C	0.5°F	\$102.40
ACC056CBLS	BC	S56C	19° - 35°C	0.02°C	\$345.60
ACC056FBLS	BC	S56F	66° - 95°F	0.05°F	\$345.60
ACC057CBLS	TCTLR	S57C	-20° - 50°C	0.5°C	\$94.85
ACC057FBLS	TCTLR	S57F	-4° - 122°F	1°F	\$94.85
ACC058CBLS	T	S58C	-34° - 49°C	0.5°C	\$75.15
ACC058FBLS	T	S58F	-30° - 120°F	1.0°F	\$75.15
ACC059CS	T	S59C	-18° - 82°C	0.5°C	\$71.55
ACC059FS	T	S59F	0° - 180°F	1.0°F	\$71.55
ACC061CBLS	PMP	S61C	32° - 127°C	0.2°C	\$106.00
ACC061FBLS	PMP	S61F	90° - 260°F	0.5°F	\$106.00
ACC082CBLS	FRE	S82C	-15° - 105°C	1°C	\$40.40
ACC082FBLS	FRE	S82F	0° - 220°F	2°F	\$40.40
ACC083CBLS	FRA	S83C	15° - 70°C	1°C	\$58.55
ACC083FBLS	FRA	S83F	60° - 160°F	1°F	\$58.55
ACC084CBLS	FROT	S84C	25° - 80°C	1°C	\$62.30
ACC084FBLS	FROT	S84F	75° - 175°F	2°F	\$62.30
ACC085CBLS	FRS	S85C	40° - 150°C	1°C	\$62.30
ACC085FBLS	FRS	S85F	100° - 300°F	2°F	\$62.30
ACC086CBLS	FRM	S86C	95° - 175°C	1°C	\$46.00
ACC086FBLS	FRM	S86F	200° - 350°F	2°F	\$46.00
ACC089CBLS	SP	S89C	-20° - 10°C	0.1°C	\$124.60
ACC090CBLS	SP	S90C	0° - 30°C	0.1°C	\$96.20
ACC091CBLS	SP	S91C	20° - 50°C	0.1°C	\$103.75
ACC097CBLS	T	S97C	-18° - 49°C	0.5°C	\$59.35
ACC097FBLS	T	S97F	0° - 120°F	1°F	\$59.35
ACC099CBLS	WT	S99C	-50° - 5°C	0.2°C	\$259.30
ACC113CBLS	BSP	S113C	-1° - 175°C	0.5°C	\$96.10
ACC116CBLS	BC	S116C	18.9° - 25.1°C	0.01°C	\$415.95
ACC117CBLS	BC	S117C	23.9° - 30.1°C	0.01°C	\$415.95
ACC120CBLS	KV	S120C	38.6° - 41.4°C	0.05°C	\$157.95
ACC130CBLS	T	S130C	-7° - 105°C	0.5°C	\$71.55
ACC130FBLS	T	S130F	20° - 220°F	1°F	\$71.55

sales@myerstest.com myerstest.com 888.293.2121

Data Loggers/Type K

Environmental Quality Control

Chart Recording Thermometer

- Micro-controller design
- Large LED display
- Front panel controls
- Single or continuous chart rotation
- 12V operation (allows use in vehicles)
- Fold-out support stand
- Remote reading from up to 100 ft.
- Programmable speed and temperature ranges
- 6" chart



CR87B Chart Recording Thermometer (Fahrenheit Only) \$355.00

CR87BC Chart Recording Thermometer (Fahrenheit & Celsius) \$355.00

For accessories and chart paper see page 29

4 Channel Datalogger & Bluetooth Datalogger

The 4 channel data logger is a unique portable thermometer that has the ability to automatically record and store up to 16,000 data points in the field which can later be downloaded to a computer. The thermometer displays data from 4 thermocouple probes simultaneously on a large backlit LCD. It communicates with a computer via the bi-directional RS232 port and optional cable, and graphic software.

- Dimensions: 7 1/4" x 2 1/2" x 1 1/4"
- Weight: 8.4 oz. (238 g)
- Auto power off, min/max, hold and relative functions
- Range: -328° - 2498°F
- Full Scale Accuracy: ±0.5% rdg., +1°C / 2°F
- Easily calibrates to ice point or any other standard
- Includes protective foam lined case and 2 beaded wire probes
- NIST certificate available upon request



800024 4 Channel Data Logger with Software \$285.00

800025 Bluetooth 4 Channel Data Logger \$315.00

RTD Platinum Thermometer with Probe -100° to 300°F

- Measuring Range: -100 to 300°C
- Resolution: 0.01°C
- Accuracy: ± (0.1% + 0.2°C) below 200°C, ± (0.15% + 0.5°C) otherwise
- IP Rating: IP67
- LCD Update time: Every Second
- LCD Size: 1.4" x 2.1"
- Probe Specs:
  - Length: 5.9"
  - Diameter: 0.1"
  - Handle Length: 3.9"
  - Cable Length: 43"



4132 RTD Platinum Thermometer with Probe \$329.95

Type K Wire and Probes

Part#	Description	Price
303-160	Penetration Probe 5"	\$46.00
303-168	Penetration Probe 12"	\$55.00
K20-5-P	Type K Wire per Foot	\$0.75
SMP-K-M	Type K Mini Connector	\$2.20



Other size probes available. Please inquire at 888.293.2121

USB Data Logger

The USB datalogger is a cost-effective solution for logging temperature and humidity data just about anywhere. It features built-in alarm LEDs to alert the user that there has been a danger condition before the download starts. The logging interval and start time are easily set from any PC software. There are no cables, cradles, or dongles to keep track of.

- Connects directly to PC via USB
- LED Alarm Indication
- No cables, dongles or docks
- Software Included
- Range: 328° - 2372°F with appropriate probe attached
- Accuracy: ±2°F (±1°C)
- Resolution 1°F (0.5°C)



TW-USB-TC-LCD USB Datalogger, 39" Waterproof Type K Probe \$126.95

Other USB data loggers available. Please inquire at 888.293.2121

Handheld Digital Thermometer with Probe -148°F - 2501°F

- Range: -148° to 2501°F (-100° to 1372°C)
- Accuracy: ±0.5°F (±0.3°C) from 32° to 212°F
- ±0.7°F, ±0.1% full range
- Resolution: 0.1°
- Probe: 5" Type K thermocouple, mini socket
- Auto shutoff after 10 minutes
- LCD Display: 1" H x 1.5" W
- Battery: 3 x AAA
- Units °C/°F switchable
- Dimensions 5" H x 2.2" W x 1" D
- NIST traceable certificate included



221-041 Handheld Digital Thermometer with Probe \$165.00

Hand Held Digital Thermometer with Probe -83°F - 1999°F

- Temp Range: -83° to 1999°F (-64° to 1400°C)
- Resolution: 0.1°C or F
- Probe: 5" long
- Great for asphalt or concrete job sites
- Uses interchangeable type K thermocouple probes
- Large LCD display
- Runs on included lithium battery
- Auto shutoff
- Magnetic back panel
- Includes certificate of conformance



MTC-303-160 Handheld Digital Thermometer with Probe \$94.00

Workhorse™ Thermometer with Probe -45° - 230°F

- Recessed adjustable offset offers increased accuracy by allowing user to set thermometer to specific temperatures, in-house calibrations, or a particular sensor
- HOLD function freezes display for easy recording of current temperature
- Probe Range: -45° - 230°C
- Probe Length: 3.25"
- Cable Length: 30"
- Accepts all type K probes
- Type K Range: -58° - 2372°F (-50° - 1300°C)
- Type K Resolution: 0.1° between -50° - 200°F, 1° elsewhere
- Accuracy: ±1°C + 0.75% between 0°-500°C; ±1° + 1% between 500°-750°C; ±1°C + 2% between 700°-1000°C; ±3°C + 4% between 1000°-1200°C; ±2°C at -20; ±3°C at -40; ±4°C at -50



4425 Workhorse Thermometer w/ Type K Probe \$42.50

Digital Psychrometer

The digital psychrometer provides fast, accurate measurements for analysis of critical environmental conditions.

- Range/resolution: -4° to 122°F (-20° to 50°C)/0.1°
- Accuracy: ±1°F (±0.6°C)
- Dew point temp. range: -90° to 122°F (-68° to 50°C)
- Wet bulb temp. range: -7° to 122°F (-21° to 50°C)
- RH range/resolution: 0 to 100%/0.1%
- RH accuracy: ±3% Response time: 60 seconds
- Auto power off: After 5 minutes of inactivity
- Display size: 1.7 in. (43mm) diagonal
- Power source: Two "AAA" batteries (included)



EP8706 Digital Psychrometer \$79.95

AquaShock® Water Purity Kit

- Determine water purity in applications such as water baths, environmental testing, and industrial quality control.
- Measures conductivity in mS or uS, TDS (Total Dissolved Solids) in ppm or ppt, and temperature.
- Recalls last calibration points.
- Shockproof
- IP67 Waterproof
- Floats
- Rechargeable Lithium-Ion battery
- Protective soft-grip outer layer
- Includes AquaShock® Meter, ATC conductivity/TDS probe, AC adaptor, manual, probe input covers, protective, and carrying case



850034K AquaShock® Water Purity Kit \$621.00

Waterproof pH Pen

The pH pen is portable, simple, fast, and highly accurate. It can endure consistent use in rugged environments with its durable plastic housing, protective cap and automatic shutdown feature that preserves battery life. The meter comes equipped with a wrist strap that helps prevent unintentional dropping. If, however, the pen is dropped into water it is designed to be IP67 waterproof.



ST20 Waterproof pH Pen \$72.80

For buffer solutions, see page 123

WBGT Heat Stress Meter

WBGT (Wet Bulb Globe Temperature) provides the most accurate determination of the heat stress index based on the cumulative effect of air temperature, air movement, relative humidity, and radiant heat. The compact meter gives highly accurate readings. One of the many advantages of the WBGT Meter is its ability to stream data directly to a computer to log real time information.

- 15 Second Response Time
- Audible Alarm
- Adjustable to your WBGT Threshold
- Indoor/Outdoor Settings
- Tripod Threads
- NIST Certificate Available



800036 WBGT Heat Stress Meter \$110.00

840054 USB Connecting Cable \$36.00

840052 Data Acquisition Software \$55.00

Digital 4-in-1 (Temp/Humidity/Wind Speed/Light)

The DAVM+ is compact and easy to use. It measures temperature, humidity, wind speed, and light. The thermometer is ideal for determining rate of evaporation for a concrete bridge deck.

- Measures Feet per Minute (FPM) and Cubic Feet per Minute (CFM)
- Measures Temperature & Humidity
- Switchable between °F/°C
- Standard K-Type Thermocouple Connector
- Measures Light Levels (LUX)
- Multi-Channel Display
- Data Hold
- One-Hand Operation
- Carrying Case Included



DAVM+ Digital 4-in-1 \$159.95

Dissolved Oxygen Meter Kit

The meter measures dissolved oxygen to determine water quality in testing labs. Simultaneously displays dissolved oxygen (in % or mg/L) and temperature readings (in °C or °F). Review readings directly on the large backlit LCD. Features simple one-button calibration to air. The electrolyte level is visible through the transparent galvanic probe with built-in temperature sensor. Comes in a hard carrying case complete with pH (lead) free Galvanic DO probe with 9' cable, 2 spare probe heads with membranes installed, electrolyte and 4 AAA batteries.



850081DOK Dissolved Oxygen Meter Kit \$325.00

Benchtop pH/MV Meter

- Automatic or manual temperature compensation
- Automatic or manual ranging
- Automatic buffer recognition
- Digital and analog outputs
- Min/Max and 99 data points
- Data hold
- 5 Calibration Points
- Electrode status indication
- LCD Display
- Operates on AC voltage
- Includes ATC pH electrode, electrode holder arm, AC adaptor, computer cable and software



For buffer solutions, see page 123

860031 Benchtop pH/MV Meter \$265.00

EMF (Electro Magnetic Field) Meter

The EMF meter reads milli-Gauss and micro-Tesla on a large 1 1/4" high display. The display indicates when the object being measured is out of range as well as when the battery is low.

- Features both standard and maximum hold
- Powered by a standard 9V battery (approx. 100 hours)
- Display is green but not backlit
- Included battery, instructions and soft carrying case
- Certificate of compliance available



840045 EMF Meter \$105.00

For buffer solutions, see page 123

Environmental Quality Control

Light Meter Lux/FC

The meter monitors visible light levels anywhere with fast, stable and accurate response. Results are easily read on the extra large LCD display. The unit features an RS232 computer output, min/max function, auto power off, external zero adjustment, hold function and a tripod back. The unit comes complete with a 9V battery, instructions, soft padded case with shoulder strap, and a detachable sensor (with 44" cord). A NIST certificate of calibration is available upon request.



840020 Light Meter Lux/FC \$133.95

RF Microwave Meter

The RF microwave meter is calibrated precisely on the frequency value 2.45 GHZ (microwave oven). The unit features maximum and minimum hold, an audible alarm, and a zero adjustment to eliminate background EMF. The display also indicates overload and low battery. It comes complete with a soft carrying case and standard 9V battery, which provides approximately 100 hours of use.



840046 RF Microwave Meter \$175.95

Combustible Gas Leak Detector Pen

- Detection Range: 0 - 100% LEL (Lower Explosive Limit)
- Response Time: < 5 seconds
- Operating Temp: -4° - 131°F @ < 95% RH
- Power Source: 2 AA Batteries (Included)
- High and low audible alarm volumes
- Sensitive, reliable and easy to use
- Natural diffusion sampling technique
- Different alarms from leaks, sensor fault and low battery
- Automatically sets zero measurement baseline upon startup in fresh air



PNG2000A Combustible Gas Leak Detector Pen \$49.95

Indoor Air Quality Meter

The air quality meter features a choice between a backlit simultaneous display of CO2 level, humidity and air temperature or a rotating display of dew point and wet bulb temperature instead of air temperature. Simple user calibration of CO2 and RH. The unit has an audible CO2 threshold alarm, min/max/ave, computer interface, calibration function and comes in a hard carrying case with 4 AA batteries.



800046 Indoor Air Quality Meter \$329.95

Graphic Display Sound Meter

The graphic display sound meter covers 30 - 130 dB in A scale and 35 - 130 dB in C scale. It has a resolution of 0.1 dB and an accuracy of ±1.5 dB. The meter features a large LCD display with an analog bar graph, auto-range, min/max functions, AC/DC output, and a USB computer interface. The unit comes complete with a 9V battery and carrying case. A NIST certificate is available upon request.



840015 Graphic Display Sound Meter \$325.00

Carbon Monoxide Meter

- Range/Resolution: 0 to 999 ppm/1 ppm
- Accuracy: ±20% of reading from 1 to 100 ppm; ± 15% of reading from 100 to 500 ppm
- Auto Power Off: After 15 minutes of inactivity
- Power Source: 3 AA Batteries (Included)
- Backlit dual-readout LCD display
- °F/°C Switch
- 1-Button Calibration to 0 ppm in open air



DC01001 Carbon Monoxide Meter \$149.95

Coating Thickness Gauges

PosiTest® Coating Thickness Gage (0 - 8 Mils)

The PosiTest® is a magnetic pull off thickness gage for the non-destructive measurement of non-magnetic coatings on steel. Its unique overall design is fully supported with no pivoting tendencies during measurement. The gage features visual and audible indicators to designate when the thickness reading is established. The unit comes complete with wrist strap, instructions and leather case.



GM PosiTest GM Coating Thickness Gage (0-8 Mils) \$350.00

FM PosiTest FM Coating Thickness Gage (0-80 Mils) \$350.00

PosiTector® SmartLink

- Intuitive easy-to-use touch screen operation
- Every reading is instantly transmitted to your smart device
- Tri-color LED provides immediate feedback in dark and noisy environments
- Accepts coating thickness, environmental and surface profile probes

- No internet required - Auto-pairing Bluetooth Low Energy (BLE) connection works up to 10m away (30 feet)



SMLINK PosiTector SmartLink \$495.00  
Probes purchased separately 888.293.2121

PosiTest® DFT Coating Thickness Gage (0 - 40 Mils)

The PosiTest® DFT measures coatings on all metals. The Positest® Combo measures both non-magnetic coatings on steel and non-conductive coatings on aluminum, brass, etc. All gages feature 1 point calibration adjustments, flip displays for right side up viewing, average thickness, and audible/visible measurement indication.



DFTF-B PosiTest DFT Ferrous \$495.00

DFTC-B PosiTest DFT Combo \$695.00

PosiTector® 6000 Coating Thickness Gage (0 - 60 mils)

The PosiTector body accepts all PosiTector probes, easily converting from a coating thickness gage to a dew point meter, surface profile gage or wall thickness gage.

Part#	Description	Metal	Price
F1-E	Std Body & Probe	Ferrous	\$625.00
N1-E	Std Body & Probe	Non-Ferrous	\$695.00
FN1-E	Std Body & Probe	Combo	\$975.00



Inquire about other types of PosiTector 6000's 888.293.2121

Thermo-Timer with Probe

- Combination thermometer/timer
- Monitors temperature without opening oven door
- Range: 32°F - 392°F (0° - 200°C)
- 23-hour 59-minute countdown timer
- Temperature alarm signals when peak temp is reached
- On/off switch to prolong battery life
- Stainless steel probe with a silicone cord
- Magnet on back for mounting directly on furnace
- Folds down for compact storage
- 2 AAA batteries included



1470N Thermo-Timer with Probe \$19.00

Jumbo Readout Digital Timer



The count down/up timer features an oversized 2-1/2" x 1-1/2" LCD readout and keeps time up to 99 minutes and 59 seconds. The unit has a built in memory function and alarm. It operates on one LR44 battery (included) and can stand on its own or be hung with a built-in magnet.

5896 Jumbo Readout Digital Timer \$19.00

Countdown Controller



The countdown controller turns any piece of equipment on or off at the end of the set time period. It is programmable in any 1 minute interval from 23 hours, 59 minutes, 5 seconds to 1 minute. The unit can be programmed in an instant with its easy to use countdown time mode. To assure accuracy, an A2LA accredited Traceable® Certificate is provided with each unit.

- Timing Capacity/Range: 1 min intervals from 23 hrs, 59 min to 1 min
- Accuracy: 0.01%
- Programs to 24 hours
- Turns equipment on/off
- Manual override
- Backup battery
- Includes Battery and NIST Certificate

5095 Countdown Controller \$49.95

Extra Big & Loud Timer

- 110 decibel sound (ideal for noisy work areas)
- 4 volume settings
- Splashproof housing
- Strong magnets on back
- Flip out stand
- Rubber keypad
- Extra large digits can be seen from far away
- Count down/up function
- Last count down setting memory



TX-4100 Extra Big & Loud Timer \$29.00

Universal Timer



The universal timer automatically shuts off electrical apparatus at set time of up to 60 minutes. It features two receptacles and a 3-wire cord and plug.

H-4296 Universal Timer \$118.00

Universal Lab Timer



The portable electric timer functions as an elapsed-time indicator, interval timer and electrical apparatus on-off timer. It features a time range of 60 minutes, 8" dial with two sets of numerals and selective automatic buzzer alarm. The timer has two separate outlet receptacles for automatic switching of external appliances. The toggle switch controls one outlet, which can make or break the circuit at "0". The circuit automatically breaks on the second outlet after time interval.

171 Universal Lab Timer \$169.95

Four Channel Alarm Timer

All four channels of the timer may be used simultaneously in any combination to count down or count up. Finger size keys make it easy to set times and change channels. The timer's magnetic back allows it to be placed on any metal surface. It has a flip-open stand, spring fastener and an opening for a lanyard. To assure accuracy, an individually serial numbered A2LA accredited Traceable® Certificate is provided with each unit.

- Timing Capacity: 99 hours, 59 min, 59 sec
- Timing Accuracy: 0.01%
- Timing Resolution: 1 second
- Count up/down function
- Time in/out
- 12/24 hour clock
- Includes: clip, stand, magnet battery, certificate



5004 Four Channel Alarm Timer \$26.95

Jumbo-Digit Atomic Clock

- Timing Capacity: 12/24 hours
- Timing Accuracy: 1/10,000 second
- Timing Resolution: 1 second
- Range: 23° - 122°F (-5° - 50°C)
- Internal Temp Accuracy: ±1°C
- Includes: Batteries, Wall Mount, Bench Stand, Traceable® Certificate



The jumbo sized 3.75" clock digits are readable from up to 100 feet. The clock is designed to mount on any wall or stand on any work surface. The calendar displays month/date and day of the week. The thermometer displays ambient temperature in °F/°C. To assure accuracy, an individually serial-numbered, A2LA accredited Traceable® Certificate is provided.

1080 Jumbo-Digit Atomic Clock \$50.00

Analytical 0.0001g/0.1mg

Intelligent HT Series Analytical Balances

- Readability: 0.0001g
- Stabilization Time: ≤ 3 Seconds
- Platform Size: 3.15" Diameter
- Cast aluminum and static resistant
- Large LCD backlit display
- Optional communication slide-in modules
- RS-232 interface



Part#	Description	Price
HT-124	120g x 0.0001g Balance	\$970.00
HT-224	220g x 0.0001g Balance	\$1,035.00
HT-224R	220g x 0.0001g Balance (Internal Calibration)	\$1,245.00

Adam Nimbus Analytical Balance

- 210g x 0.0001g Capacity
- Platform Size: 3.5" Diameter
- Repeatability: 0.0002g
- Typical Stabilization Time: 3 Sec
- Large easy to read LCD display
- Grade 304 stainless steel pan
- Level indicator with adjustable levelling feet
- Reads in: g, mg, ct, GN, N, d, Ozt, dWt, MM, lb, oz
- Percentage Weighing



**NBL 214e Nimbus Analytical Balance (External Calibration)** \$1,680.00

**NBL 214i Nimbus Analytical Balance (Internal Calibration)** \$1,825.00

Ohaus Adventurer® Analytical Balance

- Capacity: 220g x 0.0001g
- Platform Size: 3.5" Diameter
- Operation: AC Adapter (Included)
- Communication: RS232, USB Host, USB Device (included)
- Display: 4.3" full-color VGA graphic touchscreen
- Selectable environmental filters
- User definable project and user IDs
- Up to 9 operating languages



**AX224 Adventurer® Analytical Balance (Internal Calibration)** \$2,845.00

**AX224/E Adventurer® Analytical Balance (External Calibration)** \$2,560.00

A&D HR-AZ/HR-A Series Analytical Balance

- Capacity: 252g x 0.1mg
- Platform Size: 3.5" Diameter
- Repeatability: 0.1mg
- Stabilization Time: 2 Seconds
- Internal Calibration
- Large Weighing Chamber
- Includes AC Adapter
- Reads In: g, mg, oz, ozt, ct, momme, dwt, GN, dm, %



**HR-250AZ HR-AZ Series Analytical Balance (Internal Calibration)** \$1,820.00

**HR-250A HR-A Series Analytical Balance (External Calibration)** \$1,485.00

High Precision 0.001g

A&D GF Series High Precision Balances

- Platform Size: 5" x 5"
- Quick Reference Card Attached
- Underhook Capability
- Density Mode
- Comparator Function
- Counting Mode
- % Mode
- External Calibration



Part#	Description	Price
GF-200	210g x 0.001g Balance	\$989.00
GF-400	410g x 0.001g Balance	\$1,315.00
GF-600	610g x 0.001g Balance	\$1,770.00
GF-800	810g x 0.001g Balance	\$1,940.00

A&D GX Series High Precision Balances

- Platform Size: 5" x 5"
- Automatic Internal Calibration
- Time and Date Function
- Balance ID Number
- Quick Reference Card Attached
- Underhook Capability
- Density Mode, Counting Mode, % Mode
- Comparator Function



Part#	Description	Price
GX-200	210g x 0.001g Balance	\$1,390.00
GX-400	410g x 0.001g Balance	\$1,735.00
GX-600	610g x 0.001g Balance	\$1,995.00
GX-800	810g x 0.001g Balance	\$2,095.00

Precision 0.01g

Intelligent AJ Series Precision Balances

- Platform Size: 7.1" x 6.3"
- Configurable RS 232 Interface NTEP
- Reads in g, ct, oz, lb, oz t, GN
- Counting, %, Density, Accumulation, Check-weighing
- Below Balance Weighing
- Optional Rechargeable Battery
- Vibra® Tuning Fork Sensor
- Prints GLP Format



Part#	Description	Price
AJ-2200	2,200g x 0.01g Balance	\$766.40
AJ-3200	3,200g x 0.01g Balance	\$806.40
AJ-6200	6,200g x 0.01g Balance	\$920.00

Intelligent PBW Series Precision Balance

- 3,200g x 0.01g Capacity
- Platform Size: 6.2" x 6.2"
- Configurable RS 232 Interface
- Reads in g, ct, oz, dwt, t, lb, GN, kg, g/m<sup>2</sup>
- Bright Backlit LCD Display
- Grams per Meter<sup>2</sup> Program
- Rear Display
- Optional Rechargeable Battery
- Optional Fabric Cutter
- CalQuick™ Single Button Calibration



**PBW-3200 Digital Balance 3,200g x 0.01g** \$410.00

High Precision 0.001g

INTELLIGENT-LAB™ PM Series High Precision Balances

- Platform Size: 3.2" Diameter
- User-Friendly Menu
- Large, Easy to Read Backlit LCD Display
- Configurable RS 232 Interface
- Reads in g, oz, oz t, ct, counting, %
- Calibration Weight (Included)
- CalQuick™ Single Button Calibration



Part#	Description	Price
PM-100	100g x 0.001g Balance	\$440.00
PM-300	300g x 0.001g Balance	\$490.00

Intelligent PMW Series High Precision Balance

- Platform Size: 3.3" Diameter
- User Friendly Menu
- Large, Easy to Read Backlit LCD Display
- Configurable RS 232 Interface
- Grams per Meter<sup>2</sup> Program
- Calibration Weight
- Rear Display
- CalQuick™ Single Button Calibration



**PMW-320 Digital Balance 320g x 0.001g** \$375.00

Precision iBalance i3100

- 3,100g x 0.01g Capacity
- Platform Size: 5.75" x 5"
- External Calibration
- Configurable RS232 Interface
- Reads in g, ct, oz, ozt
- Bright Backlit LCD Display
- Rechargeable Battery and AC Adapter



**SCMI3100 Digital Balance 3,100g x 0.01g** \$420.00

Adam Equipment Nimbus Precision Balances

- Platform Size: 4.7" Diameter
- Backlit LCD display
- Color coded keys
- Level indicator with adjustable levelling feet
- Removable draft shield
- Robust metal housing
- Sealed keypad
- External calibration
- Pan lifter to easily remove samples



Part#	Description	Price
NBL 1602e	1,600g x 0.01g Balance	\$595.00
NBL 2602e	2,600g x 0.01g Balance	\$645.00
NBL 3602e	3,600g x 0.001g Balance	\$730.00
NBL 4602e	4,600g x 0.01g Balance	\$810.00

Adam Nimbus High Precision External & Internal Balances

- Platform Size: 4.7" Diameter
- Backlit LCD display
- Color coded keys
- Level indicator with adjustable levelling feet
- Removable draft shield
- Robust metal housing
- Sealed keypad
- External calibration
- Pan lifter to easily remove samples



Part#	Description	Price
NBL 423e	420g x 0.001g Balance	\$775.00
NBL 623e	620g x 0.001g Balance	\$940.00
NBL 823e	820g x 0.001g Balance	\$1,099.95

Ohaus Pioneer™ High Precision Balances

The three filter mode balances have selectable environmental, communication and printing settings. The platform of each balance is 4.7" in diameter and come complete with RS232 communication and AC adapter.



Part#	Description	Price
PX163/E	160g x 0.001g Balance	\$845.00
PX323/E	320g x 0.001g Balance	\$985.00
PX523/E	520g x 0.001g Balance	\$1,175.00

Ohaus Px Series Balances

The three filter mode balances have selectable environmental, communication and printing settings. The platform of each balance is 7.1" in diameter and come complete with RS232 communication and AC adapter.

- Auto tare
- Software lockout and reset menu
- User selectable communication and printing settings
- Auto standby



Part#	Description	Price
PX1602/E	1,600g x 0.01g Balance	\$795.00
PX2202/E	2,200g x 0.01g Balance	\$930.00
PX3202/E	3,200g x 0.01g Balance	\$1,130.00
PX4202/E	4,200g x 0.01g Balance	\$1,275.00

A&D GF Series Precision Balances

- Platform Size: 5.03" x 5.03"
- Balance ID Number
- Quick Reference Card attached
- Underhook Capability
- Density mode
- Comparator function
- Counting mode, % mode
- External Calibration



Part#	Description	Price
GF-2000	2,100g x 0.01g Balance	\$995.00
GF-3000	3,100g x 0.01g Balance	\$1,095.00
GF-4000	4,100g x 0.01g Balance	\$1,415.00
GF-6100	6,100g x 0.01g Balance	\$1,960.00



Precision 0.1g

Intelligent PD Series Precision Balances

- Platform Size: 6.5" x 6.5"
- Bright Backlit LCD Display
- Reads in g, oz, ct, lb, GN, counting, %
- Filtering Levels
- Rechargeable Battery
- CalQuick™ Single Button Calibration



Part#	Description	Price
PD-3000	3,000g x 0.1g Balance	\$165.00
PD-5000	5,000g x 0.1g Balance	\$185.00

Triple Beam Balance



- Weighs in grams only
- Readability: 0.1 g
- Capacity: 610g without attachment weights, 2,610g with attachment weights
- Beam Calibrations: 10 x 0.1g; 100 x 10g; 500 x 100g
- Scale Dimensions: 18"L x 3"W x 5.5"H
- Platform Size: 6" diameter
- Magnetic damping brings the pointer to rest with minimum amount of swings
- 3 Beams made of quality aluminum alloy
- Ground agate plane improves accuracy and lengthens life
- Three pre-calibrated attachment weights included to extend weighing range

MB2610 Triple Beam Balance \$99.95

Ohaus Explorer® Precision Balances

A large color touchscreen gives access to the advanced application modes and icon-driven application software features such as user manager, library, and minimum weight indication. 2-D shock protection and IP54 base enclosure protect the balance from damage, while the AutoCal™ automatic internal calibration system ensures performance.



Part#	Description	Price
EX12001	12,000g x 0.1g Balance	\$2,799.95
EX24001	24,000g x 0.1g Balance	\$3,410.00

Intelligent PH Series Precision Balances

- Platform Size: 12.6" x 8.3"
- User Friendly Menu
- Large, Easy to Read Backlit LCD Display
- RS 232 Configurable Interface
- Below Balance Weighing
- In-use Dust Cover



Part#	Description	Price
PH-12001	12,000g x 0.1g Balance	\$1,045.00
PH-16001	16,000g x 0.1g Balance	\$1,080.00
PH-20001	20,000g x 0.1g Balance	\$1,135.00
PH-32001	32,000g x 0.1g Balance	\$1,425.00

Intelligent PC Series Precision Balances

- Platform Size: 10" x 7.5"
- High Capacity, High Accuracy
- Below Balance Weighing
- Configurable RS232 Interface
- Bright Backlit LCD Display
- Reads in g, lb, oz, ct, counting, %
- Filtering Levels
- Optional Internal Rechargeable Battery
- Remote Display
- CalQuick™ Single Button Calibration



Part#	Description	Price
PC-3001	3,000g x 0.1g Balance	\$299.00
PC-6001	6,000g x 0.1g Balance	\$350.00
PC-10001	10,000g x 0.1g Balance	\$499.00
PC-15001	15,000g x 0.1g Balance	\$585.00
PC-20001	20,000g x 0.1g Balance	\$687.00

Adam Nimbus Precision Balances

- NBL 4201e - NBL 8201e Platform Size: 6.3" Dia.
- NBL 12001e - NBL 22001e Platform Size: 15.7" x 11.8"
- Backlit LCD display
- Color coded keys
- Level indicator with adjustable levelling feet
- Removable draft shield
- Robust metal housing
- Sealed keypad
- External calibration
- Pan lifter to easily remove samples



Part#	Description	Price
NBL 4201e	4,200g x 0.1g Balance	\$605.50
NBL 6201e	6,200g x 0.1g Balance	\$699.00
NBL 8201e	8,200g x 0.1g Balance	\$755.00
NBL 12001e	12,000g x 0.1g Balance	\$1,080.00
NBL 16001e	16,000g x 0.1g Balance	\$1,405.00
NBL 22001e	22,000g x 0.1g Balance	\$2,075.00

A&D GP Series Precision Balances

- Platform Size: 15.1" x 13.5"
- IP65 rated, all-metal body, stainless steel pan
- Read display at any angle
- 12 units, comparator, %, counting functions
- Time & date stamp built-in
- User calibration function



Part#	Description	Price
GP-12K	12,000g x 0.1g Balance	\$2,495.00
GP-20K	20,000g x 0.1g Balance	\$2,695.00
GP-30K	30,000g x 0.1g Balance	\$3,265.00
GP-61K	61,000g x 0.1g Balance	\$4,155.00
GP-20	Underhook for GP-12K, 20K, 30K	\$173.00
GP-21	Underhook for GP-61K	\$173.00

0.1g/0.0002lbs

Ohaus Ranger™ 7000 Compact Scales

The Ranger™ Series was developed to thrive in rugged and harsh industrial environments. The modular units are built with IP54 metal housing and sealed metal indicator to ensure durability. Ten advanced modes simplify complex applications and minimize the need for manual calculations and it can also control peripheral devices and/or a scale platform with option kit. Each platform is 14.85" x 12.25".



Part#	Description	Price
R71MHD15	15,000g x 0.1g Scale	\$2,840.00
R71MHD35	35,000g x 0.1g Scale	\$3,425.00

Digital Pocket Scale 250g x 0.1g

- 560g x 0.1g Capacity
- 0.1g Resolution
- Platform Size: 2.5" x 3"
- Back-lit LCD
- Flip-open lid protects the weighing surface
- Great for weighing on the go
- Reads in g, oz, ozt, and dwt
- Stainless steel weighing platform
- Used with vapor emission test kits



J2560 Digital Pocket Scale \$25.00

1g/0.002lbs

Intelligent PC Series Digital Scales

- Platform Size: 10" x 7.5"
- High Capacity, High Accuracy
- Below Balance Weighing
- Configurable RS232 Interface
- Bright Backlit LCD Display
- Reads in g, lb, oz, ct, counting, %
- Filtering Levels
- Optional Internal Rechargeable Battery
- Remote Display
- CalQuick™ Single Button Calibration



Part#	Description	Price
PC-20000	20,000g x 1g Scale	\$210.00
PC-30000	30,000g x 1g Scale	\$215.00
15-RCB-40AH-000	Rechargeable Battery	\$29.50

Adam CBK Series Bench Weighing Scale

- Capacity 70lb x 0.002lb
- Platform Size: 10.8" x 8.9"
- Reads in: kg, g, lb, oz, lb:oz
- Memory accumulation
- Pre-set weighing with alarm
- Large backlit LCD Display
- Capacity tracker
- Overload protection
- Precision load cell technology
- Internal counting resolution 1:600,000
- Rechargeable battery
- RS232 bi-directional interface
- External calibration
- Auto sleep/power down function



CBK 70a Digital Bench Weighing Scale \$296.25

0.005lb Readability

FG-K Series Scale 60lb x 0.005lb

FG-K Series combines fast response time and rock-solid durability in an easy to use package. The model has three user selectable display readings to change the resolution per job. Additional weighing modes include parts counting and HI/OK/LOW comparator function for checkweighing. The unit weighs in lb, kg, oz, and comes complete with an AC adapter and 4-C batteries. It has a weighing platform size of 11.8" x 15".



FG-30KBM FG Series Digital Scale \$490.00

FG-30KBMC FG Series Digital Scale with Case \$585.00

Digital Field Scale 110lb x 0.005lb

- 110lb Capacity
- 0.005lb Readability
- Platform Size: 9" x 9"
- Display Modes: lbs/oz, decimal lbs., kg
- Carrying Case Included
- Removable Control Box with Prop Stand/Hanging Hook



TIF9010A Digital Scale with Case \$175.00

Adam LBK Series Scale

- Capacity: 25lb x 0.005lb
- Platform Size: 9.8" x 7.1"
- 5 weighing units: kg, g, lb, oz, lb:oz
- Large backlit LCD display
- Non-slip adjustable levelling feet
- Overload protection
- Color coded, sealed keypad
- Large stainless steel pan
- Precision load cell technology
- External calibration
- Rechargeable battery (up to 150 hrs operation)
- Auto sleep/power down function
- Low battery indication
- Mains power cord included



LBK 25a Digital Scale 25lb x 0.005lb \$150.00

CBK Series Bench Weighing Scale 100lb x 0.005lb

- Precision load cell technology
- Rechargeable battery
- RS-232 bi-directional interface
- External calibration
- Auto sleep/power down function
- Low battery indication
- 8.9" x 10.8" Platform
- 5 Weighing units (kg, g, lb, oz, lb:oz)
- Memory accumulation
- Date and time
- Full range tare
- Pre-set weighing with alarm
- Large backlit LCD Display



CBK 100a Digital Bench Weighing Scale \$296.25

0.01lb Readability

**A&D FG-K Series Digital Scale 150lb x 0.01lb**

FG-K Series combines fast response time and rock-solid durability in an easy to use package. The model has three user selectable display readings to change the resolution per job. Additional weighing modes include parts counting and HI/OK/LOW comparator function for checkweighing. The unit weighs in lb, kg, oz. and comes complete with an AC adapter and 4-C batteries.



- Platform Size: 11.8" x 15"
- Easy to operate and clean
- One second response time
- Three weighing resolution
- AC or battery operation
- Full scale push button tare

**FG-60KBM FG Series Digital Scale \$490.00**

**FG-60KBMC FG Series Digital Scale with Case \$585.00**

**Supco Digital Field Scale 220lb x 0.01lb**

- Platform Size: 9" x 9"
- Built-in memory
- Rugged, compact design
- Large backlit LCD display
- High accuracy and resolution
- Auto power off (15 min)
- Programmable
- Audible alarm
- Measures in weight in lbs, oz, and kgs
- Hard carrying case included
- Accuracy - 0.5%
- Power Source - 9V Battery
- Battery Life - 30 hrs



**RCS220 Digital Field Scale 220lb x 0.01lb with Case \$175.00**

**Adam LBK Series Scale 65lb x 0.01lb**

- Capacity: 65lb x 0.01lb
- Platform Size: 9.8" x 7.1"
- 5 weighing units: kg, g, lb, oz, lb:oz
- Large backlit LCD display
- Non-slip adjustable levelling feet
- Overload protection
- Large stainless steel pan
- Precision load cell technology
- External calibration
- Rechargeable battery (up to 150 hrs operation)
- Auto sleep/power down function
- Low battery indication
- Mains power cord included



**LBK 65a Digital Scale 65lb x 0.01lb \$150.00**

**Adam CPW Series Digital Weighing Scale 33lb x 0.01lb**

- Capacity: 33lb x 0.01lb
- Platform Size: 11.8" x 11.8"
- Large backlit LCD display
- Wall mount bracket
- Large stainless steel pan
- Precision load cell technology
- Color coded, sealed keyboard
- RS232 bi-directional interface
- Auto sleep/power down function
- Battery power (6 AA Batteries)
- AC Adapter



**CPWplus 15 CPW Series Digital Scale 33lb x 0.01lb \$150.00**

**CPWplus 15C CPW Series Digital Scale 33lb x 0.01lb with Case \$235.00**

Washdown Scales

**Ohaus Defender™ 3000 Washdown Scales**

- Internal universal power supply
- Rechargeable battery
- IP66 Stainless steel indicator
- 304 Grade stainless steel platform pan
- IP67 Aluminum load cell
- Stainless steel column and wall bracket included
- RS232 Interface
- Indicator with hinged front cover for easy servicing
- LCD Display with white LED backlight



**D32XW60VR Defender 3000 Washdown 132lb x 0.02lb \$970.00**

**D32XW150VL Defender 3000 Washdown 330lb x 0.05lb \$1,220.00**

**Adam WBK Series Washdown Scale**



- Platform Size: 11.8" x 15.7"
- Weighs in: kg, g, lb, oz, lb:oz, Newtons
- Hold function
- Capacity tracker
- Grade 304 stainless steel construction
- IP66-rated indicator
- IP66-rated load cell for wash-down and dust protection
- External calibration
- RS-232 interface
- Rechargeable battery up to 90 hours operation

**WBK 70a Washdown Scale 70lb x 0.005lb \$735.00**

**WBK 165a Washdown Scale 165lb x 0.01lb \$735.00**

**Intelligent TitanH Series Washdown Scales**

- **Stainless Steel Platter and Column**
- **Large 2" Backlit Display**
- **Washdown**
- **Rechargeable Battery & AC adapter**
- **Waterproof Protection System for Loadcell**
- **Reads in lb, kg**



**TitanH 200-16 Washdown Scale 200lb x 0.05lb \$675.00 (Platform - 6 x 16 x 4)**

**TitanH 500-24 Washdown Scale 500lb x 0.1lb \$899.00 (Platform - 24 x 24 x 4)**

0.02lb/0.05lb/0.1lb Readability

**BCS Series Digital Briefcase Scales**

- 15" x 12.5" x 2.3" Case
- Platform Size: 9.3" x 9.3"
- AC Adaptor Included
- LCD Display
- 5 Weighing Modes



**BCS-40 BCS Series Scale 88lb x 0.02lb \$200.00**

**BCS-80 BCS Series Scale 176lb x 0.05lb \$210.00**

**Adam CPW Series Digital Weighing Scale**

- Platform Size: 11.8" x 11.8"
- Simple 4 button operation
- Large backlit LCD display
- Wall mount bracket
- Large stainless steel pan
- Precision load cell technology
- Color coded, sealed keyboard
- RS-232 bi-directional interface
- Auto sleep/power down function
- Battery power (6 AA Batteries)
- AC Adapter



**CPWplus 75 CPW Series Digital Scale 165lb x 0.05lb \$150.00**

**CPWplus 75C CPW Series Digital Scale with Case \$235.00**

**CPWplus 150 CPW Series Digital Scale 330lb x 0.1lb \$160.00**

**CPWplus 200 CPW Series Digital Scale 440lb x 0.1lb \$180.00**

**Intelligent APM Series Digital Scales**

- Platform Size: 11" x 13"
- Large backlit LCD display
- Built-in rechargeable battery and external power adapter (up to 150 hrs)
- Options for display: platform, pillar or wall mounted (3 ft of cable supplied)

Part#	Description	Price
APM-30	Scale 60lb x 0.02lb	\$295.00
APM-30C	Scale 60lb x 0.02lb with Case	\$395.00
APM-60	Scale 150lb x 0.05lb	\$295.00
APM-60C	Scale 150lb x 0.05lb with Case	\$395.00
APM-150	Scale 300lb x 0.05lb	\$295.00
APM-150C	Scale 300lb x 0.05lb with Case	\$395.00



**A&D FG-K Series Digital Scale 300lb x 0.02lb**

FG-K Series combines fast response time and rock-solid durability in an easy to use package. The model has three user selectable display readings to change the resolution per job. Additional weighing modes include parts counting and HI/OK/LOW comparator function for checkweighing. The unit weighs in lb, kg, oz. and comes complete with an AC adapter/rechargeable battery.



**FG-150KBM Digital Scale 300lb x 0.02lb \$490.00**

**FG-150KBMC Digital Scale 330lb x 0.02lb with Case \$585.00**

1lb/2lbs Readability

**Intelligent TitanF Series Platform Scales**

- NTEP Approved
- 4x4 Alloy Steel Platform
- Easy to Read Backlit Display
- Reads in lb, kg
- Bi-directional RS 232
- Platform: 4' x 4'

**TitanF-5K Platform Scale 5,000lbs x 1lb \$770.00**

**TitanF-10K Platform Scale 10,000lbs x 2lbs \$770.00**



Suspension

**IN Series Spring Scale 50lb x 8oz.**

The IN Series feature a heavy-gauge solid brass construction with precision steel springs for outstanding reliability. The scale has avoirdupois and metric graduations that are deeply embossed for easy reading. A zero/tare knob is standard. Scales come with a fixed holding loop and large open hook. The scales come complete with a maximum reading pointer.



**IN-25MRP Spring Scale 25lb x 0.25lb \$115.00**

**IN-50MRP Spring Scale 50lb x 0.55lb \$115.00**

**Digital Hanging Scale 99lb x 0.1lb**

- Hand-held or Suspended
- Battery Powered (9V alkaline included)
- Tare & Hold Facility
- Switchable Units- kg, lb, lb/oz
- Durable- Tough ABS case
- Large easy to read LCD display
- Carrying pouch included
- Complete with weighing handle and battery
- Auto power off, can be disabled for continual use
- Keys- On/zero, off, hold, units



**ES99 Digital Hanging Scale 99lb x 0.1lb \$125.00**



# Order Form

sales@myerstest.com  
Fax: 207.883.3809

## Shipping Address

Purchase Order No:

Name	
Company	
Address (City, ST, ZIP)	
Telephone Number	
Email	

Shipping Address: Business  Residential

Billing Address Check if same as above

Name	
Company	
Address (City, ST, ZIP)	
Telephone Number	
Email	

Part#	Description	Quantity	Price/Ea.

## Shipping Method (Circle One)

Ground (4:30 PM)\* Std Overnight (4:30 PM)\* Priority Overnight (10:30 AM)\* First Overnight (8:30 AM)\*  
2nd Day (4:30 PM)\* 2nd Day AM (10:30 AM)\* 3rd Day (4:30 PM)\*

\*Delivery times vary depending on shipping destination

## Credit Card Information (Credit card is required unless credit terms have been approved)

Card Type (Circle One)	<input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> AMEX <input type="checkbox"/> Discover
Card#	
Expiration Date	
Security Code	
Name on Card	
Billing Address of Card	
Email for Receipt	

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