



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 26/10/2018, and contains the following Products:

78-0860

50kN Clamped Boss Load Ring

78-0760

Clamped Boss Load Ring - 28.0 kN

78-0460

Clamped Boss Load Ring - 10.0 kN

78-0060

Clamped Boss Load Ring - 2.0 kN

88-1084/02

Ohaus Electronic Balance - 8,100 g Capacity

88-1054/02

Ohaus Electronic Balance - 3,100 g Capacity

88-1104/02

Ohaus Electronic Balance - 35,000 g Capacity

88-1094/02

High Capacity Electronic Balance

29-3739

Proving Ring Penetrometer

29-3729

Pocket Penetrometer.

29-3741

C.O.E Cone Penetrometer

24-0461

Casagrande Grooving Tool Aashto

24-0441/02

Motorized Liquid Limit Device

24-0435/12

ASTM Slider and Pin Cup Holder Assembly

24-0435/10

Brass Cup

2800E

Liquid Limit Set

24-0451

ASTM Plastic Grooving Tools

24-0546

Test Gauge for Checking Condition of Cone Point.

24-0544

Penetration Test Cone

24-0540

Cone Penetrometer. Complete with Stainless Steel Test Cone.

24-0548

Penetration Test Cup.

24-0545/01

Semi-Automatic Cone Penetrometer

2810E

Plastic Limit Set

24-0810

Plastic Limit Plate 12 x 12

24-0811

Rod Comparator

24-1500

Prong Plate.

24-1550

Shrinkage Dish.

2820E

Shrinkage Limit Set

24-4867/02

Hydrometer Jar Bath 110vAC

24-4132/02

Mechanical Analysis Stirrer 120vAC

24-4132/11

Mixing Paddle

24-4132/10

Soil Dispersion Cup

24-4640

Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

24-4650

Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

24-4145

Sodium Hexametaphosphate 500G.

2824/02

Particle Size Analysis Test Set

4699-0881

Solid Rubber Stopper

24-4700

Hydrometer Sedimentation Cylinder

24-4800

Nomographic Chart for The Determination of Stokes Law.

24-4917

Sand Equivalent Test Set

24-4936

Stock Solution 8 oz.

24-4949/02

Sand Equivalent Shaker

24-4917/10

Sand Equivalent Cylinder

23-7600

Speedy Calibration Unit Self Contained Unit.

23-7452

Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

23-7502

Speedy Moisture Tester D2 Small 0-20% Moisture Range. Supplied Less Calcium Carbide

23-7462

Speedy Moisture Tester G2 Large 0-50% Moisture Range. Supplied Less Calcium Carbide

23-7702

Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

23-7452/12

Portable Electronic Balance

24-8085/01

Automatic Soils Compactor with guarding ASTM 220-240V 50Hz 1Ph

24-9066

ASTM Compaction Mould 152mm.

24-9095/12

Calibration Kit For Automatic Soil Compactor

24-9060

Proctor Mould

24-9095/13

Lead Cylinders

24-9098

Modified Compaction Mould

24-9097

Standard Compaction Mould

24-8085/06

Automatic Soils Compactor with guarding ASTM 220-240V 60Hz 1 ph

2310/01

Basic Laboratory Compaction Set, Motorized

2300E

Basic Laboratory Compaction Set, Hand-Operated

23-4085

Sample Ejector

23-4085/10

2.5" Ejector Head and Adapter Plate

23-4085/12

2" Ejector Head and Adapter Plate

23-4085/13

3" Ejector Head and Adapter Plate

24-9177

CBR Test Accessory Set Metric

27-1125/02

CBR Test Digital Readout (Metric)

27-1126/02

CBR Data Logging Test Set

25-3518/01

Digital Tritest 50 Load Frame

25-3700/01

MultiPlex 50 Load Frame

25-0429

Floor Mounting Stand.

25-0408

Set of Weights 100Kg Total Weight.

25-0402

Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

25-0544

16 Ton Weight Set

25-0480

2.416" Fixed Ring Consolidometer

25-0480/13

Upper and Lower Porous Stones, 2.416"

25-0530

2.5" Floating Ring Consolidometer

25-0479

Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

25-0455

Consolidation Cell Complete 50mm Diameter Sample.

25-0503

Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

25-0503/13

75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.

25-0506

Cutting Ring 75mm Cell.

88-4080

Mechanical Dial Indicator - 10 mm Range

88-4210

Electronic Digital Indicator, 0.600"/15 mm range

25-0560

Pneumatic Consolidation Apparatus

23-3505

Mortar and Pestle Porcelain.

23-3500

Rubber Headed Pestle.

23-3425

Large Capacity Sample Splitter.

23-3200

Riffle Box 38mm Slot Width Complete with Three Containers.

36-3090/01

ADR Touch 2000 Semi-Automatic Compression Machine with Digital Readout.

37-6138

100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

37-5100

Standard Distance Piece - 100 mm Depth

37-5000

Standard Distance Piece - 50 mm Depth

37-4980

Standard Distance Piece - 20 mm Depth

29-3925

Proctor Penetrometer Spring Type with Adaptor Stem.

29-3933

Case for Proctor Penetrometer.

29-4340

Density Plate for EL29-4300.

82-7401

Standard Sand - 600/300 µm

29-4300

6 Inch (152mm) Sand Cone.

29-4320

5 Litre Plastic Container for Sand Cone

29-5080

Metal Dibber Tool

29-5120

Density Hand Pick.

29-5140

Steel Pointed Rod.

29-5000

Density Spoon.

29-5060

Density Chisel.

29-5020

Soft Headed Mallet.

26-2261

Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

26-2261/14

High-Capacity Vane

26-2261/10

Sensitive Vane

26-2261/12

Standard Vane

26-3346

Hand Vane Tester

26-2114/02

Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

26-3335

H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.

26-2270

Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

26-2275/10

Set of 4 Calibrated Springs for Laboratory Vane Apparatus.

25-0650

Guelph Permeameter Supplied Complete with Extension Kit.

42-5310/06

**Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches.
220-240V 60Hz 1Ph.**

42-5300/10

Set of 12 Abrasive Charges (ASTM).

42-2958

Sulphate Test Strips

34-2830

Bulk Density Measure 10 Litre

42-1995

Bulk Density Measure 3 Litre.

42-1005

Wire Basket Brass with Handle Nominal 6000Cm³ Capacity with 1.7mm Wire Mesh.

42-1000/01

Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.

42-1700

Sand Absorption Cone.

42-1720

Tamping Rod.

78-1235/01

150 Litre Drying Oven

2824/01

Particle Size Analysis Test Set



50kN Clamped Boss Load Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, Accessories for the Marshall test, Accessories for the Marshall Test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Calibrated in compression.

Standards

EN 12697-34

Specification

Capacity - kN	50
Capacity - kgf	5000
Capacity - lbf	11,200
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Typical Design Sensitivity - lbf/div	10.18
Overall Height	9.76" (248 mm)
Approx Weight	6.35 kg

Accessories



Clamped Boss Load Ring - 10.0 kN

Code: 78-0460



Clamped Boss Load Ring - 2.0 kN

Code: 78-0060



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, CBR-Test 50 Machine, Conversion of In-situ to Laboratory CBR, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Standards

BS 1377, BS 1924

Specification

Capacity: kN, kgf, lbf	28.0, 2800, 6000
Typical Design sensitivity: N/div, kgf/div, lbf/div	25.5, 2.54, 5.45
Overall height mm	248
Approx weight kg	5.4
Capacity	28 kN
Value of CBR	Average range of CBR
Capacity - lbf	6,000
Capacity - kN	28
Capacity - kgf	2,800
Typical Design Sensitivity - lbf/div	5.45
Typical Design Sensitivity - kN/div	25.5
Typical Design Sensitivity - Kgf/div	2.54
Overall Height	9.76" (248 mm)
Approx Weight	11 .9 lbs.(5.4 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



50kN Clamped Boss Load Ring

Code: [78-0860](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)



Clamped Boss Load Ring - 10.0 kN

Code: 78-0460

Product Group: Clamped Boss Load Rings, Digital
Tritest 50 Load Frame, Proving Rings, Force
measurement

Specification

Capacity: kN, kgf, lbf	10.0, 1000, 2250
Typical Design sensitivity: N/div, kgf/div, lbf/div	7.7, 0.77, 1.73
Overall height mm	248
Approx weight kg	4.6
Capacity	10 kN
Value of CBR	8% to 40%
Capacity - lbf	2,250
Capacity - kN	10
Capacity - kgf	1,000
Typical Design Sensitivity - lbf/div	1.73
Typical Design Sensitivity - kN/div	7.7
Typical Design Sensitivity - Kgf/div	0.77
Overall Height	9.76" (248 mm)
Approx Weight	10.1 lbs.(4.6 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860



Clamped Boss Load Ring - 2.0 kN

Code: 78-0060



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



50kN Clamped Boss Load Ring

Code: [78-0860](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Clamped Boss Load Ring - 2.0 kN

Code: 78-0060

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Proving Rings, Force measurement, Measurement of Load (Shear Stress), Direct/Residual Shear Apparatus

Standards

BS 1377, ASTM D3080

Specification

Capacity: kN, kgf, lbf	2.0, 200, 450
Typical Design sensitivity: N/div, kgf/div, lbf/div	1.3, 0.13, 0.30
Overall height mm	248
Approx weight kg	3.2
Capacity - lbf	450
Capacity - kN	2
Capacity - kgf	200
Typical Design Sensitivity - lbf/div	0.3
Typical Design Sensitivity - kN/div	1.3
Typical Design Sensitivity - Kg/div	0.13
Overall Height	9.76" (248 mm)
Approx Weight	7 lbs. (3.2 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860



Clamped Boss Load Ring - 10.0 kN

Code: 78-0460



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

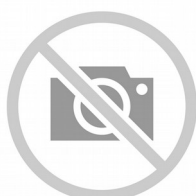
Code: [78-0260](#)



Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



50kN Clamped Boss Load Ring

Code: [78-0860](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)

Product Group: [Ohaus Series Electronic Balances](#)

Includes weigh-below hook.

Further Information

100-240V, 50/60 Hz.

Specification

Maximum Capacity	8100 g
Readability	0.1 g
Repeatability (Std. Dev.)	0.1 g
Linearity	+/-0.2g
Internal Calibration	NO
Pan Size (in/cm)	5.8 x 6.3 / 14.9 x 16.2
Dimensions w x h x d (in/cm)	7.5 x 2.8 x 10 / 19.3 x 7.2 x 25.4
Shipping Wt. (lb/kg)	9.5 / 4.3

Alternatives



High Capacity Electronic Balance

Code: [88-1094/02](#)



Ohaus Electronic Balance - 1520 g Capacity

Code: [88-1034/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,200 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)

Product Group: [Ohaus Series Electronic Balances](#)

Further Information

100-240V, 50/60 Hz.

Specification

Maximum Capacity	3100 g
Readability	0.01 g
Repeatability (Std. Dev.)	0.01 g
Linearity	+/-0.02g
Internal Calibration	NO
Pan Size (in/cm)	7.9 / 18
Dimensions w x h x d (in/cm)	7.7 x 3.6 x 12 .6 in / 19.6 x 9.2 x 32 cm
Shipping Wt. (lb/kg)	11 .8 lb / 5.4 kg

Alternatives



High Capacity Electronic Balance

Code: [88-1094/02](#)



Ohaus Electronic Balance - 1520 g Capacity

Code: [88-1034/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,200 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)

Product Group: [Ohaus Series Electronic Balances](#)

Further Information

100-240V, 50/60 Hz.

Specification

Maximum Capacity	35000 g
Readability	0.5 g
Internal Calibration	NO
Pan Size (in/cm)	11.0 x 14.9 in / 28.0 x 37.7 cm
Dimensions w x h x d (in/cm)	14.9 x 18.4 x 5.0 in / 37 x 46.7 x 12.8 cm
Shipping Wt. (lb/kg)	24 lb / 10.6 kg

Alternatives



High Capacity Electronic Balance

Code: [88-1094/02](#)



Ohaus Electronic Balance - 1520 g Capacity

Code: [88-1034/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,200 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



High Capacity Electronic Balance

Code: [88-1094/02](#)

Product Group: Specific Gravity (Rice) Test with 2,000 gram Vacuum Pyknometer, Specific Gravity (Rice) Test with 6,000 gram Vacuum Pyknometer, Ohaus Series Electronic Balances

Further Information

15,000 gram capacity x 0.05 grams, 100-240V 50/60 Hz

Specification

Maximum Capacity	15000 g
Readability	0.05 g
Repeatability (Std. Dev.)	0.1 g
Linearity	+/-0.15 g
Internal Calibration	NO
Pan Size (in/cm)	9.5 x 13.8 in / 24.0 x 35.0 cm
Dimensions w x h x d (in/cm)	14.2 x 14.6 x 4.5 in / 36 x 37 x 11.5 cm
Shipping Wt. (lb/kg)	24 lb / 10.6 kg

Alternatives



Ohaus Electronic Balance - 1520 g Capacity

Code: [88-1034/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,200 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



Proving Ring Penetrometer

Code: [29-3739](#)

Product Group: [Proving Ring Penetrometer](#)

Further Information

250 psi capacity

Specification

Proving Ring	250 lb. (1.1 kN) capacity.
Dial Indicator	Brake type.
Shaft	3/4" (19 mm) diam. x 18" l. (457 mm); graduated at 6" (152 mm) intervals.
Extension Rod	3/4" (19 mm) diam. x 36" l. (914 mm); graduated at 6" (152 mm) intervals.
Cone	30 degree; 1 sq. in.; replaceable.
Handle	Cast aluminum.
Weight	Net 12 lbs. (5.4 kg).

Alternatives



C.O.E Cone Penetrometer

Code: [29-3741](#)



Pocket Penetrometer.

Code: [29-3729](#)



Proctor & Mortar Penetrometer Set

Code: [29-3935](#)



Pocket Penetrometer.

Code: [29-3729](#)

Product Group: [In-situ Testing](#), [Pocket Penetrometer](#), [Plate Bearing Apparatus](#)

- Direct-reading scale in tons/sq. ft. and kg/sq. cm.
- Ground and polished stainless steel loading piston.
- Calibrated spring and penetrometer body plated for rust resistance and long life.
- Convenient belt-loop style carrying case.
- Optional Adapter Foot for testing very soft materials.

The Pocket Penetrometer was originally developed for use by field personnel in checking visual classification of soils. Data was compiled on several thousand unconfined compressive strength tests of silty clays and clayey soils against the penetrometer readings to develop the scale.

Further Information

IMPORTANT: the readings obtained from the pocket penetrometer do not replace laboratory test results due to the fact that a small area penetration test is inherently liable to give misleading results. The instrument should not be used for obtaining foundation design data.

Specification

Range	0.25 to 4.5 tons/sq. ft. (kg/sq. cm).
Scale Divisions	0.25 tons/sq. ft. (kg/sq. cm).
Load Piston	1/4" (6 mm) diam.; stainless steel.
Carrying Case	Canvas; belt-loop style.
Dimensions	3/4" diam. x 6-3/8" l. (19 x 162 mm).
Weight	Net 7 oz. (198 g).

Accessories



Adaptor Foot

Code: [29-3729/10](#)

Alternatives



C.O.E Cone Penetrometer

Code: [29-3741](#)



Proctor & Mortar Penetrometer Set

Code: [29-3935](#)



Proving Ring Penetrometer

Code: [29-3739](#)



C.O.E Cone Penetrometer

Code: [29-3741](#)

Product Group: [C.O.E Cone Penetrometer](#)

- Reads directly in ponds per square inch (psi).
- Manufactured in accordance with Corps of Engineers specifications.

The C.O.E. Cone Penetrometer is the principal instrument used in evaluating soil trafficability. It consists of a 30 degree cone with a 1/2 sq. in. base area, proving ring, dial indicator, extension rod and a handle.

Further Information

300 psi capacity

Specification

Proving Ring	150 lb. capacity; dial indicator calibrated direct in psi, 0 to 300 psi by 5 psi subdivisions.
Shaft	5/8" (15 .8 mm) diam. x 19" l. (483 mm).
Cone	30 degree; 1/2 sq. in.; replaceable.
Weight	Net 5 lbs. (2.4 kg).

Alternatives



Pocket Penetrometer.

Code: [29-3729](#)



Proctor & Mortar Penetrometer Set

Code: [29-3935](#)



Proving Ring Penetrometer

Code: [29-3739](#)



Casagrande Grooving Tool Aashto

Code: [24-0461](#)

Product Group: [Casagrande Method](#), [Motorized Liquid Limit Device](#), [AASHTO Grooving Tool](#)

- Rust resistant brass construction.
- 1 cm gage block located at end of handle.

The AASHTO Grooving Tool is used to control the width of the soil groove in the liquid limit cup, in accordance with AASHTO specifications.

Standards

AASHTO T89

Further Information

Brass construction with a gauge height of 1 cm.

Specification

Construction	Brass.
Gauge Height	1 cm.
Weight	Net 3 oz. (85 g).

Spares/Consumables



ASTM Plastic Grooving Tools

Code: [24-0451](#)



Motorized Liquid Limit Device

Code: [24-0441/02](#)

Product Group: [Motorized Liquid Limit Device](#)

Standards

ASTM D4318, AASHTO T89

Further Information

110vAC, 60 Hz, 1Ø.

Specification

Counter	Mechanical; records number of cup drops.
Cup	Spun brass; pin and slot mounting.
Base	Molded hard rubber.
Cam	Molded, self-lubricating plastic.
Dimensions	8-1/2" w. x 15" d. x 7-1/2" h. (216 x 381 x 191 mm).
Weight	Net 14 -1/2 lbs. (6.6 kg).

Accessories



Casagrande Grooving Tool Aashto

Code: [24-0461](#)

Spares/Consumables



ASTM Plastic Grooving Tools

Code: [24-0451](#)



ASTM Slider and Pin Cup Holder Assembly

Code: [24-0435/12](#)



Brass Cup

Code: [24-0435/10](#)

Alternatives



Liquid Limit Device

Code: [24-0435](#)



Liquid Limit Device with counter

Code: [24-0437](#)



ASTM Slider and Pin Cup Holder Assembly

Code: [24-0435/12](#)

Product Group: [Hand-Operated Liquid Limit Devices](#),
[Motorized Liquid Limit Device](#)

Standards

ASTM D4318, AASHTO T89



Brass Cup

Code: [24-0435/10](#)

Product Group: [Hand-Operated Liquid Limit Devices](#),
[Motorized Liquid Limit Device](#)

With mounting holes.

Standards

ASTM D4318, AASHTO T89



Liquid Limit Set

Code: [2800E](#)

Product Group: [ASTM Liquid Limit Set](#)

Set includes:

- 1 Liquid Limit Device with ASTM Grooving Tools (24-0435).
- 1 Graduated Cylinder 100 ml (88-6007).
- 1 Mixing Dish (88-6712).
- 2 Doz. Moisture Content Cans (88-7002).
- 1 Flexible Spatula (88-7500).

Standards

ASTM D4318



ASTM Plastic Grooving Tools

Code: [24-0451](#)

Product Group: [ASTM Plastic Grooving Tools](#),
[Hand-Operated Liquid Limit Devices](#), [Motorized Liquid Limit Device](#)

- Inexpensive enough to be disposable.
- Plastic construction -- won't rust.
- Precision-moulded to conform to ASTM standards.
- 1 cm gage block located at end of handle.

The Plastic Grooving Tool is used to control the width of the soil groove in the liquid limit cup. With traditional metal grooving tools, the cups get scratched; the costly metal tools get worn, giving inaccurate test results.

Standards

ASTM D4318

Further Information

Pkg. of 10.

Specification

Construction	Molded polycarbonate resin.
Gauge Height	1 cm.
Weight	Net 3 oz. (85 g).

Accessories



Casagrande Grooving Tool Aashto

Code: [24-0461](#)



Test Gauge for Checking Condition of Cone Point.

Code: [24-0546](#)

Product Group: [Cone Penetrometer Method, Cone Penetrometer](#)

55 mm diameter by 40 mm deep, with the rim parallel to the flat base.

Standards

BS 1377-2



Penetration Test Cone

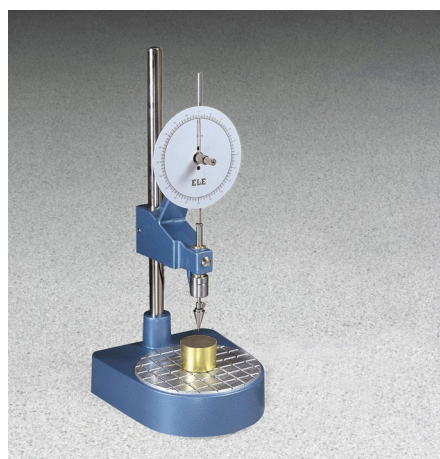
Code: [24-0544](#)

Product Group: [Cone Penetrometer Method](#), [Cone Penetrometer](#)

Stainless steel, 35 mm long with smooth surface at an angle of 30°.

Standards

BS 1377-2



Cone Penetrometer. Complete with Stainless Steel Test Cone.

Code: [24-0540](#)

Product Group: [Cone Penetrometer Method, Cone Penetrometer](#)

Bench mounted apparatus to determine the liquid limit of soils BS1377. This method is applicable to a wide range of soils. The apparatus is fitted with a 150mm diameter dial indicator for direct reading of penetration. Supplied complete with 30deg, 30mm long test cone. Manufactured from stainless steel and includes adjustable levelling feet.

Standards

BS 1377-2

Specification

Dial Indicator	150 mm diameter graduated in 400 x 0.1 mm divisions, indicator point incorporates friction/gear system
Height Adjustment	Rapid, using integral clamping mechanism
Cone release	Manual
Cone	1 x 30°, 35 mm test cone included
Base	Cast aluminium, adjustable levelling feet
Weight kg	7

Accessories



Penetration Test Cup.

Code: [24-0548](#)



Test Gauge for Checking Condition of Cone Point.

Code: [24-0546](#)

Spares/Consumables



Penetration Test Cone

Code: [24-0544](#)

Alternatives



Semi-Automatic Cone Penetrometer

Code: [24-0545/01](#)



Penetration Test Cup.

Code: [24-0548](#)

Product Group: [Cone Penetrometer Method](#), [Cone Penetrometer](#)

Brass construction, 55mm dia x 40mm depth to fit BS1377

Standards

BS 1377-2



Semi-Automatic Cone Penetrometer

Code: [24-0545/01](#)

Product Group: [Semi-Automatic Cone Penetrometer](#),
[Semi-Automatic Cone Penetrometer](#)

Bench mounted apparatus to determine the liquid limit of soils to BS1377. This method is applicable to a wide range of soils. The apparatus is fitted with a 150mm diameter dial indicator for direct reading of penetration. Supplied complete with 30 deg, 30mm long test cone. Manufactured from stainless steel and includes adjustable levelling feet.

Incorporates digital automatic controller, which releases the plunger head and ensures free falling of the penetration device during the test. The time set is displayed by a bright easy to read display.

Standards

BS 1377, BS 1924-2, EN 1997-2

Specification

Dial Indicator	150 mm diameter graduated in 400 x 0.1 mm divisions. Indicator incorporates a friction/gear system.
Height	Adjustable using rapid integral clamping mechanism.
Cone Release Cone	Semi-Automatic 1 x 30°, 35 mm test cone included.
Base	Cast aluminum with adjustable leveling feet.
Weight	Net 19 lbs. (8.64 kg).

Accessories



Penetration Test Cup.

Code: [24-0548](#)



Test Gauge for Checking Condition of Cone Point.

Code: [24-0546](#)

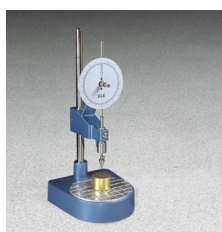
Spares/Consumables



Penetration Test Cone

Code: [24-0544](#)

Alternatives



Cone Penetrometer. Complete with Stainless Steel Test Cone.

Code: [24-0540](#)



Plastic Limit Set

Code: [2810E](#)

Product Group: [Plastic Limit Set](#)

Set includes:

- 1 Plastic Limit Plate (24-0810) 12" x 12" x 3/8".
- 1 25 ml Graduated Cylinder (88-6002A).
- 1 Mixing Dish (88-6710).
- 1 Doz. Aluminum Moisture Cans (88-7002).
- 1 Flexible Spatula (88-7500).
- 1 Rod Comparator (24-0811).

Standards

ASTM D4318, AASHTO T90



Plastic Limit Plate 12 x 12

Code: [24-0810](#)

Product Group: [Plastic Limit Set](#)



Rod Comparator

Code: [24-0811](#)

Product Group: [Rod Comparator](#), [Determination of Plastic Limit](#)

3mm diameter rod comparator to BS1377.

Standards

BS 1924-2, EN 1997-2, ASTM D4318, BS 1377, AASHTO T90



Prong Plate.

Code: [24-1500](#)

Product Group: [Volumetric Shrinkage](#), [Shrinkage](#)
[Prong Plate](#)

Made of acrylic plastic fitted with three prongs,
nominal 76 mm square and 2.4 mm thick.

Standards

BS 1377, ASTM D427, AASHTO T92

Specification

Construction	Acrylic plastic with 3 metal prongs.
Dimensions	3" square x 1/8" thick (76 x 3.2 mm).
Weight	Net 1 oz. (28 g).

Accessories



Evaporating Dish - 150 x 45 mm

Code: [82-2000](#)



Measuring Cylinder - Glass 100 ml

Code: [82-0380](#)

Alternatives



Glass Cup.

Code: [24-1600](#)



Shrinkage Dish.

Code: [24-1550](#)



Shrinkage Dish.

Code: [24-1550](#)

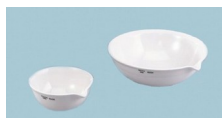
Product Group: [Volumetric Shrinkage](#), [Shrinkage Prong Plate](#)

Nominal 42 mm diameter x 12 mm deep.

Standards

ASTM D427, AASHTO T92

Accessories



Evaporating Dish - 150 x 45 mm

Code: [82-2000](#)



Measuring Cylinder - Glass 100 ml

Code: [82-0380](#)

Alternatives



Glass Cup.

Code: [24-1600](#)



Prong Plate.

Code: [24-1500](#)



Shrinkage Limit Set

Code: [2820E](#)

Product Group: [Shrinkage Limit Set](#)

Set includes:

- 1 Monel Shrinkage Dish (24-1550).
- 1 Crystallizing Dish (24-1600).
- 1 Shrinkage Prong Plate (24-1500).
- 1 25 ml Graduated Cylinder (88-6002A).
- 1 Evaporating Dish (88-6714).

Standards

ASTM D427, AASHTO T92

Further Information

Three pounds of mercury and other accessories required for shrinkage limit test; not included



Hydrometer Jar Bath 110vAC

Code: 24-4867/02

Product Group: Hydrometer Jar Bath

Standards

ASTM D422, AASHTO T88

Further Information

110vAC, 50/60 Hz, 1Ø.

Specification

Capacity	8 hydrometer jars.
Construction	Stainless steel tank; enamel finish exterior.
Jar Support	Stainless steel grid.
Temperature Range	Ambient to 60Â°C (140Â°F).
Sensitivity	Â±0.2Â°C at 20Â°C (68Â°F).
Circulating System	Drive pump with motor.
Heating System	Immersion type; 700 watt heater in stainless steel mixing chamber.
Plumbing Ports	Overflow; Drain; Inflow and outflow for cooling system.
Inside Dimensions	37â w x 8â d x 16â h (939 x 203 x 406 mm)
Outside Dimensions	48 â w x 11 â d x 19â h (1,219 x 279 x 483 mm)
Weight	Net 90 lbs. (41 kg).

Alternatives



Hydrometer Jar Bath 220vAC

Code: [24-4867/01](#)



Mechanical Analysis Stirrer 120vAC

Code: [24-4132/02](#)

Product Group: [Mechanical Analysis Stirrer](#)

Standards

ASTM D422, AASHTO T88

Further Information

110vAC, 50/60 Hz, 1Ø. 125 Watts

Specification

Motor	Universal AC-DC; up to 75 cycles; 3-speed selectable.
Speeds at No Load	Low: 13 ,000 rpm. Medium: 16,000 rpm. High: 18,000 rpm.
Housing	Die-cast aluminum; stainless steel front panel; baked enamel finish.
Controls	Rotary speed control switch; on-off switch.
Mixing Paddle	Disc-shaped; nickel-plated steel.
Dispersion Cup	4 stationary baffles, permanently mounted; rounded bottom.
Dimensions	7" w. x 6-1/2" d. x 20" h. (178 x 165 x 508 mm).
Weight	Net 15 lbs. (7 kg).
Motor	Universal AC-DC; up to 75 cycles; 3-speed selectable.
Speeds at No Load	Low: 13 ,000 rpm. Medium: 16,000 rpm. High: 18,000 rpm.
Housing	Die-cast aluminum; stainless steel front panel; baked enamel finish.
Controls	Rotary speed control switch; on-off switch.
Mixing Paddle	Disc-shaped; nickel-plated steel.

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Dispersion Cup	4 stationary baffles, permanently mounted; rounded bottom.
Dimensions	7" w. x 6-1/2" d. x 20" h. (178 x 165 x 508 mm).
Weight	Net 15 lbs. (7 kg).

Spares/Consumables



Mixing Paddle

Code: [24-4132/11](#)



Soil Dispersion Cup

Code: [24-4132/10](#)

Alternatives



Mechanical Analysis Stirrer 220-240vAC

Code: [24-4132/01](#)



Mixing Paddle

Code: [24-4132/11](#)

Product Group: [Mechanical Analysis Stirrer](#)

Net Wt. 1 oz. (28 g).

Standards

ASTM D422, AASHTO T88



Soil Dispersion Cup

Code: [24-4132/10](#)

Product Group: [Mechanical Analysis Stirrer](#)

Capacity 32 oz. Net Wt. 1 lb. (454 g).

Standards

ASTM D422, AASHTO T88



Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

Code: [24-4640](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

Graduated -5 to +60 g/litre.

Standards

BS 1377, EN 1997-2, ASTM D422, ASTM E100, AASHTO T88

Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).

Alternatives



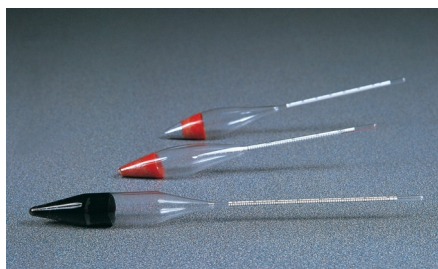
Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

Code: [24-4620](#)



Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

Code: [24-4650](#)



Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

Code: [24-4650](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

Graduated 0.995 to 1.038 g/ml.

Standards

ASTM D422, ASTM E100, AASHTO T88

Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).

Alternatives



Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

Code: [24-4620](#)



Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

Code: [24-4640](#)



Sodium Hexametaphosphate 500G.

Code: [24-4145](#)

Product Group: [Sodium Hexametaphosphate,](#)
[Mechanical Analysis Stirrer](#)

Standards

ASTM D422, AASHTO T88, ASTM E100

Spares/Consumables



Solid Rubber Stopper

Code: [4699-0881](#)



Particle Size Analysis Test Set

Code: [2824/02](#)

Product Group: [Particle Size Analysis Test Set](#)

Standards

ASTM D422, ASTM E100, AASHTO T88

Further Information

110vAC, 50/60 Hz, 1ø.



Solid Rubber Stopper

Code: [4699-0881](#)

Product Group: [Sodium Hexametaphosphate](#),
[Hydrometer Jar](#)

Accessories



Sodium Hexametaphosphate 500G.

Code: [24-4145](#)



Hydrometer Sedimentation Cylinder

Code: [24-4700](#)

Product Group: [Hydrometer Sedimentation Cylinder](#),
[Hydrometer Jar](#)

Glass, 1000 ml capacity complete with rubber bung.

Standards

BS 1337, ASTM D422, AASHTO T88

Further Information

1000MI Glass

Accessories



Nomographic Chart for The Determination of Stokes Law.

Code: [24-4800](#)

Spares/Consumables



Solid Rubber Stopper

Code: [4699-0881](#)



Nomographic Chart for The Determination of Stokes Law.

Code: [24-4800](#)

Product Group: [Hydrometer Sedimentation Cylinder](#)

For the determination of Stoke's Law.

Standards

ASTM D422, AASHTO T88



Sand Equivalent Test Set

Code: [24-4917](#)

Product Group: [Sand Equivalent Test Set](#)

Set Includes:

- 1 Solid Rubber Stopper.
- 1 2-Hole Rubber Stopper.
- 1 Pinch Clamp.
- 1 Carrying Case.
- 1 Weighted Foot Assembly.
- 1 Funnel.
- 1 Irrigation Tube.
- 1 Siphon Tube.
- 1 Blow Hose.
- 1 Measuring Can 85ml +/- 5ml.
- 1 Bottle Stock Solution.
- 4 Sand Equivalent Cylinders.

Standards

ASTM D2419, AASHTO T176

Specification

Stock Solution

Mixture of calcium chloride and glycerin.

Carrying Case

Plastic; holds all components.

Weight

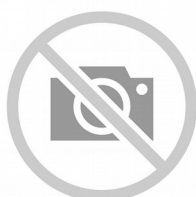
Net 22 lbs. (10 kg).

Spares/Consumables



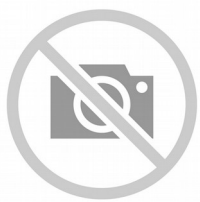
Sand Equivalent Cylinder

Code: [24-4917/10](#)



Stock Solution 1 gallon

Code: [24-4938](#)



Stock Solution 8 oz.

Code: [24-4936](#)



Stock Solution 8 oz.

Code: [24-4936](#)

Product Group: [Sand Equivalent Test Set](#)

Standards

ASTM D2419, AASHTO T176



Sand Equivalent Shaker
Code: [24-4949/02](#)
Product Group: [Sand Equivalent Shaker](#)

Standards
ASTM D2419, AASHTO T176, CA 217, CA 229

Further Information
110vAC, 50/60 Hz, 1Ø.

Specification	
Motor	1.9 Amp synchronized; 1/12 hp.
Cylinder Holder	Spring-loaded.
Shaking Mechanism	8" (203 mm) stroke; 175 strokes/minute (+/- 2 strokes).
Timing Circuit	Built-in; 45 seconds, 10 minute and continuous run.
Dimensions	19.5" w. x 14" d. x 17" h. (495 x 356 x 432 mm) with holder.
Weight	Net 50 lbs. (23 kg).

Spares/Consumables



Sand Equivalent Cylinder
Code: [24-4917/10](#)



Sand Equivalent Cylinder

Code: [24-4917/10](#)

Product Group: [Sand Equivalent Test Set](#), [Sand Equivalent Shaker](#)

Clear plastic; 1-1/4" diam. x 17" h. (32 x 432 mm);
graduated to 15" x 0.1" (381 x 2.54 mm).

Standards

ASTM D2419, AASHTO T176



Speedy Calibration Unit Self Contained Unit.

Code: [23-7600](#)

Product Group: [Rapid Moisture Testers, Accessories for the Speedy Moisture Tester, Accessories for the Speedy Moisture Tester](#)

A self-contained unit designed to enable an operator to check the accuracy of the Speedy Moisture Tester. The unit comprises a master dial, integral air pump, control connections and tools for checking gauge accuracy and pressure leaks, with instructions for simple re-calibrations.

Standards

ASTM D4944, AASHTO T217



Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7452](#)

Product Group: [Rapid Moisture Testers](#), [Rapid method by Speedy Moisture Tester](#), [Rapid method by Speedy Moisture Tester](#)

Uses a technique based on the fact that water will react with calcium carbide to form a gas and that the quantity of gas formed is directly proportional to the water present. The gas pressure is indicated on a built-in pressure gauge. The pressure gauge calibrated in percentage of moisture. Has a moisture range of 0-20% with gauge divisions every 0.2%. Holds a sample size of 20 g. Includes an electronic balance of 200 g capacity x 0.1 g readability and is supplied in plastic carrying case.

Standards

BS 812, ASTM D4944, AASHTO T217

Specification

Model	D2 Large
Moisture Range	0 to 20%
Gauge divisions	0.20%
Sample weight g	20
Weight complete kg	8.4

Accessories



Calcium Carbide Powder 500G.

Code: [23-7700](#)



Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

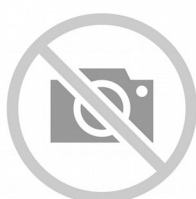
Code: [23-7702](#)



Speedy Calibration Unit Self Contained Unit.

Code: [23-7600](#)

Spares/Consumables



Portable Electronic Balance

Code: [23-7452/12](#)

Alternatives



Speedy Moisture Tester D2 Small 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7502](#)



Speedy Moisture Tester G2 Large 0-50% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7462](#)



Speedy Moisture Tester D2 Small 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7502](#)

Product Group: [Rapid method by Speedy Moisture Tester](#), [Rapid method by Speedy Moisture Tester](#)

Uses a technique based on the fact that water will react with calcium carbide to form a gas and that the quantity of gas formed is directly proportional to the water present. The gas pressure is indicated on a built-in pressure gauge. The pressure gauge calibrated in percentage of moisture. Has a moisture range of 0-20% with gauge divisions every 0.2%. Holds a sample size of 6 g. Includes an electronic balance of 200 g capacity x 0.1 g readability and is supplied in plastic carrying case.

Standards

ASTM D4944, AASHTO T217

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Model	D2 Small
Moisture Range	0 to 20%
Gauge divisions	0.20%
Sample weight g	6
Weight complete kg	5.5

Accessories



Calcium Carbide Powder 500G.

Code: [23-7700](#)



Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

Code: [23-7702](#)



Speedy Calibration Unit Self Contained Unit.

Code: [23-7600](#)

Alternatives



Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7452](#)



Speedy Moisture Tester G2 Large 0-50% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7462](#)



Speedy Moisture Tester G2 Large 0-50% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7462](#)

Product Group: [Rapid method by Speedy Moisture Tester](#), [Rapid method by Speedy Moisture Tester](#)

Uses a technique based on the fact that water will react with calcium carbide to form a gas and that the quantity of gas formed is directly proportional to the water present. The gas pressure is indicated on a built-in pressure gauge. The pressure gauge calibrated in percentage of moisture. Has a moisture range of 0-50% with gauge divisions every 0.5%. Holds a sample size of 8 g. Includes an electronic balance of 200 g capacity x 0.1 g readability and is supplied in plastic carrying case.

Standards

ASTM D4944, AASHTO T217

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Model	G2 Large
Moisture Range	0 to 50%
Gauge divisions	0.50%
Sample weight g	8
Weight complete kg	7.5

Accessories



Calcium Carbide Powder 500G.

Code: [23-7700](#)



Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

Code: [23-7702](#)



Speedy Calibration Unit Self Contained Unit.

Code: [23-7600](#)

Alternatives



Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7452](#)



Speedy Moisture Tester D2 Small 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7502](#)



Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

Code: [23-7702](#)

Product Group: [Accessories for the Speedy Moisture Tester](#), [Rapid Moisture Testers](#), [Accessories for the Speedy Moisture Tester](#)

Pack of 12 x 500 g containers.

Standards

ASTM D4944, AASHTO T217



Portable Electronic Balance

Code: [23-7452/12](#)

Product Group: [Rapid Moisture Testers](#)

0-200 gram. 0.1 gram readability

Standards

ASTM D4944, AASHTO T217



Automatic Soils Compactor with guarding ASTM 220-240V 50Hz 1Ph

Code: 24-8085/01

Product Group: Automatic Soil Compactor

- With NEW CE Compliant guarding as an extra safety measure for users
- Five models meeting requirements of BS/EN and ASTM available
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards
- Automatic re-setting of counter after completion of blow pattern

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. The selectable rammer has a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180.

Specification

Standards

BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134,

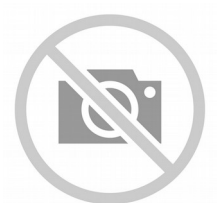
Rammer BS/EN	AASHTO T180 Circular faced, 50 mm dia, selectable to 2.5 kg or 4.5 kg weight
Rammer ASTM	Circular faced, 2 in (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight
Drop BS/EN	Adjustable to 300 mm or 450 mm
Drop ASTM	Adjustable to 12 in (305 mm) or 18 in (457 mm)
Weight (kg)	165

Accessories



ASTM Compaction Mould 152mm.

Code: [24-9066](#)



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)



Proctor Mould

Code: [24-9060](#)

Spares/Consumables



Lead Cylinders

Code: [24-9095/13](#)



Modified Compaction Mould

Code: [24-9098](#)



Standard Compaction Mould

Code: [24-9097](#)



ASTM Compaction Mould 152mm.

Code: 24-9066

Product Group: Accessories for ASTM and Proctor compaction, ASTM/Modified Proctor compaction

152mm inside diameter

Standards

ASTM D698, ASTM D1557, AASHTO T99, AASHTO T180

Specification

Dimensions	152.4 mm dia x 116.4 mm high
Rammer Mould Volume	1/13.33 ft ³
Construction	All steel, threaded studs with wing nuts, plated.
Weight	8.2 kg



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)

Product Group: [Automatic Soil Compactor](#)

The Calibration Kit is used to check and adjust the Mechanical Soil Compactor to ensure that it produces the same results as the manual compactor. Calibration is based on the deformation of a standard lead cylinder. The kit consists of a 1/4" extension point, a guide sleeve pedestal, a guide collar, a striking pin, an anvil, a 1/4" diameter chrome steel ball and a package of 50 lead cylinders.

A dial indicator or micrometer is required for the test. Order separately.

Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Further Information

ASTM D-2168

Spares/Consumables



Lead Cylinders

Code: [24-9095/13](#)



Proctor Mould

Code: [24-9060](#)

Product Group: [Accessories for ASTM and Proctor compaction](#), [Proctor compaction](#)

Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Specification

Dimensions	101.6 mm dia x 116.4 mm high
Rammer Mould Volume	1/30 ft ³
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.4 kg



Lead Cylinders

Code: [24-9095/13](#)

Product Group: [Automatic Soil Compactor](#)

For EI24-9095/12. Pack of 100.

Accessories



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)



Modified Compaction Mould

Code: 24-9098

Product Group: Modified Compaction Mould,
Automatic Soil Compactor

1/13.33 cu.ft.; 6" i.d. x 4.584" h.

Standards

ASTM D698, ASTM D1557, AASHTO T99, AASHTO T180

Specification

Mould Volume	1/13 .33 cu. ft.
Dimensions	6" i.d. x 4.584" h. (152 .4 x 11 6.4 mm).
Base Plate	8" x 8" (203 x 203 mm).
Weight	Net 18 lbs. (8.2 kg).



Standard Compaction Mould

Code: 24-9097

Product Group: Standard Compaction Mould,
Automatic Soil Compactor

1/30 cu.ft.; 4" i.d. x 4.584" h.

Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Specification

Mould Volume	1/30 cu. ft.
Dimensions	4" i.d. x 4.584" h. (101.6 x 116.4 mm).
Base Plate	6" x 6" x 1/2" thick (152 x 152 x 13 mm).
Weight	Net 12 lbs. (5.4 kg).



Automatic Soils Compactor with guarding ASTM 220-240V 60Hz 1 ph

Code: 24-8085/06

Product Group: Automatic Soil Compactor

- With NEW CE Compliant guarding as an extra safety measure for users
- Five models meeting requirements of BS/EN and ASTM available
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards
- Automatic re-setting of counter after completion of blow pattern

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. The selectable rammer has a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180.

Specification

Standards

BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134,

Rammer BS/EN	AASHTO T180 Circular faced, 50 mm dia, selectable to 2.5 kg or 4.5 kg weight
Rammer ASTM	Circular faced, 2 in (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight
Drop BS/EN	Adjustable to 300 mm or 450 mm
Drop ASTM	Adjustable to 12 in (305 mm) or 18 in (457 mm)
Weight (kg)	165

Accessories



ASTM Compaction Mould 152mm.

Code: [24-9066](#)



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)



Proctor Mould

Code: [24-9060](#)

Spares/Consumables



Lead Cylinders

Code: [24-9095/13](#)



Modified Compaction Mould

Code: [24-9098](#)



Standard Compaction Mould

Code: [24-9097](#)



Basic Laboratory Compaction Set, Motorized

Code: [2310/01](#)

Product Group: [Basic Laboratory Compaction Set, Motorized](#)

Set Includes:

- 1 Automatic Soil Compactor (24-9095/01).
- 1 Standard Compaction Mold (24-9097).
- 1 Modified Compaction Mold (24-9098).
- 1 Straightedge (24-9010).
- 1 Mixing Trowel (88-7400).
- 1 Mixing Spoon (88-7700).
- 1 Spatula (88-7500).
- 1 Trimming Knife (88-7910).
- 1 Sample Ejector (23-4085).
- 3 Mixing Pans (88-7190).
- 1 Doz. Moisture Cans (88-7022A).
- 1 Wash Bottle (88-6600).

Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Further Information

220-240vAC, 50Hz, 1Ø.

Alternatives



Basic Laboratory Compaction Set, Hand-Operated

Code: [2300E](#)



Basic Laboratory Compaction Set, Hand-Operated

Code: [2300E](#)

Product Group: [Basic Laboratory Compaction Set, Hand-Operated](#)

Set Includes:

- 1 Standard Compaction Mold (24-9097).
- 1 Modified Compaction Mold (24-9098).
- 1 Standard Compaction Hammer (24-9063).
- 1 Modified Compaction Hammer (24-9070).
- 1 Straightedge (24-9010).
- 1 Mixing Trowel (88-7400).
- 1 Mixing Spoon (88-7700).
- 1 Spatula (88-7500).
- 1 Trimming Knife (88-7910).
- 1 Sample Ejector (23-4085).
- 3 Mixing Pan (88-7150).
- 1 Doz. Moisture Cans (88-7022A).
- 1 Wash Bottle (88-6612).

Standards

ASTM D698, ASTM D1557, AASHTO T99, AASHTO T180

Alternatives



Basic Laboratory Compaction Set, Motorized

Code: [2310/02](#)



Basic Laboratory Compaction Set, Motorized

Code: [2310/01](#)



Sample Ejector

Code: 23-4085

Product Group: Sample Ejector, Sample Ejector

- Fast sample extrusion from moulds and sampling tubes up to 7" (178 mm) long.
- 6,000 lbf. (26.7 kN) hand-operated hydraulic jack.
- Bench top design for use in both the laboratory and the field.
- All metal construction treated for rust resistance and long life.

Fast extrusion and ejection of soil samples from moulds and short lengths of sample tubing are accomplished by the ELE Sample Ejector. Designed in a heavy duty bench style, the ejector has a pushing force of 6,000 lbf. (26.7 kN) which is developed through a hand operated hydraulic jack.

This unit is complete with accessories for ejecting samples from 4" (101.6 mm) or 6" (152.4 mm) diameter moulds, up to 7" (178 mm) long.

Further Information

For 4" and 6" dia. samples up to 7" long.

2", 2.5" and 3" dia. ejector head and adapter plates available, order separately.

Specification

Pushing Force	6,000 lbf. (26.7 kN).
Jack	Hydraulic; hand-operated; 7" (178 mm) stroke.
Construction	All metal; plated extrusion plates and piston discs; painted finish on housing and pump.
Dimensions	10-1/2" w. x 8" d. x 22 -1/2" h. (267 x 203 x 571 mm).
Weight	Net 64 lbs. (29 kg); Shpg. 75 lbs. (34 kg).
Capacity	2" (50.8 mm) and 3" (76.2 mm) shelly tubes up to 7" l. (178 mm); 4" (101.6 mm) and 6" (152.4 mm) molds.
Pushing Force	6,000 lbf. (26.7 kN).
Jack	Hydraulic; hand-operated; 7" (178 mm) stroke.
Construction	All metal; plated extrusion on housing and pump.
Dimensions	10-1/2" w. x 8" d. x 22 -1/2" h.

Product Sheet

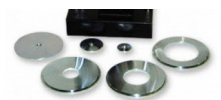
www.ele.com
+44 (0) 01525 249 200



Weight

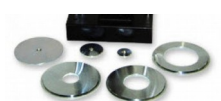
(267 x 203 x 571 mm).
Net 64 lbs. (29 kg); Shpg. 75
lbs. (34 kg).

Accessories



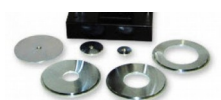
2.5" Ejector Head and Adapter Plate

Code: [23-4085/10](#)



2" Ejector Head and Adapter Plate

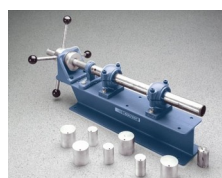
Code: [23-4085/12](#)



3" Ejector Head and Adapter Plate

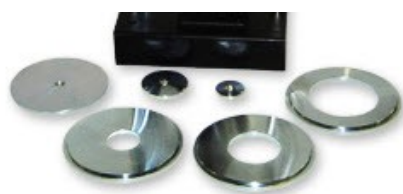
Code: [23-4085/13](#)

Alternatives



Horizontal Sample Ejector

Code: [23-1370](#)



2.5" Ejector Head and Adapter Plate

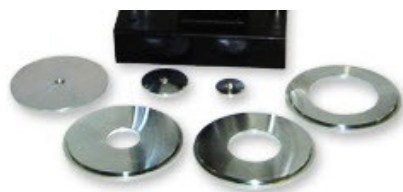
Code: [23-4085/10](#)

Product Group: [Sample Ejector](#), [Sample Ejector](#)

For 2.5" o.d. x 2.416" tubes.

Further Information

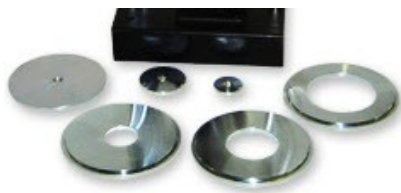
For ejecting 2.416" diameter samples from 2.5" o.d. tubes.



2" Ejector Head and Adapter Plate

Code: [23-4085/12](#)

Product Group: [Sample Ejector](#), [Sample Ejector](#)



3" Ejector Head and Adapter Plate

Code: [23-4085/13](#)

Product Group: [Sample Ejector](#), [Sample Ejector](#)



CBR Test Accessory Set Metric

Code: [24-9177](#)

Product Group: [Versa-Loader](#)

Includes lower platen, penetration piston assembly, dial indicator with 25 mm range 45 kN capacity proving ring and mounting hardware.

Standards

ASTM D1883, AASHTO T193

Accessories



CBR Data Logging Test Set

Code: [27-1126/02](#)



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)



CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)

Alternatives



CBR Data Logging Test Set

Code: [27-1126/02](#)



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)



CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)



CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)

Product Group: [Versa-Loader](#)

Includes: 2-channel digital readout, 45 kN capacity S-type load cell, penetration transducer with 50 mm range, penetration piston and mounting hardware

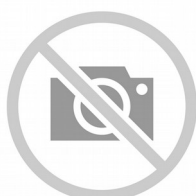
Standards

ASTM D1883, AASHTO T193

Further Information

110vAC, 50/60 Hz, 1Ø.

Accessories



CBR Data Logging Test Set

Code: [27-1126/02](#)



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



CBR Test Accessory Set Metric

Code: [24-9177](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)

Alternatives



CBR Data Logging Test Set

Code: [27-1126/02](#)



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



CBR Test Accessory Set Metric

Code: [24-9177](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)



CBR Data Logging Test Set

Code: [27-1126/02](#)

Product Group: [Versa-Loader](#)

Includes Platen Assembly, 10,000 lb. capacity S-Type Load Cell, 50 mm Displacement Transducer, Penetration Piston, GDU and DS7.2.

Compatible with Versa-Loader, Tritest 50, CBR-Test 50 and MultiPlex 50 Load Frames.

Standards

ASTM D1883, AASHTO T193

Further Information

110vAC, 50/60 Hz, 1Ø.

Accessories



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



CBR Test Accessory Set Metric

Code: [24-9177](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)



CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)

Alternatives



CBR Test Accessory Set English

Code: [24-9175](#)



CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



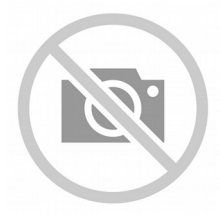
CBR Test Accessory Set Metric

Code: [24-9177](#)



CBR Test Digital Readout (English)

Code: [27-1124/02](#)



CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)



Digital Tritest 50 Load Frame

Code: 25-3518/01

Product Group: Digital Tritest 50 Load Frame, CBR Load Frames, Triaxial Load Frames

- Microprocessor control
- Large on-board LED screen display
- Direct entry via a touch sensitive keyboard
- Rapid approach and return to datum of platen
- Fully variable speed, 0.00001 to 9.99999 mm/min
- Samples up to 100 mm diameter

This 50 kN capacity machine, designed primarily for triaxial testing of soil specimens up to 100 mm diameter x 200 mm long, comprises a rigid twin column construction with an integral fully variable microprocessor controlled drive unit and LCD display with a touch sensitive keyboard. The machine is normally bench mounted for ease of installation and operation.

The use of a microprocessor controlled drive system and keyboard entry provides the Digital Tritest 50 with a wide variety of features which include pause and speed reset during test, RS 232C, operator programming of speed and control functions, self test diagnostics and many other features.

A robustly constructed steel case houses the motor drive system with careful attention being given to the prevention of ingress of water or grit. All operating controls are mounted on the front panel of the machine, which is angled and recessed to prevent physical and environmental damage.

Standards

BS 1377-7, BS 1377-8, BS 1924-2, ASTM D1883, ASTM D2166, ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180, AASHTO T193, AASHTO T208, AASHTO T296, AASHTO T297

Further Information

Complete with RS 232C interface.

Specification

Capacity	50kN (11,200 lbf).
Speed Range	English mode: 0.000001 to 0.399999 in/min. Metric mode: 0.00001 to 9.99999 mm/min.
Rapid Approach Speed	1.0 in/min. (25 mm/min.).

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Platen Travel	100mm (3.9"); limit switch protection.
Platen Diameter	133 mm (5.2")
Vertical Clearance	910 mm, (36 .8") maximum; 305mm, (12") minimum.
Horizontal Clearance	364mm, (15 .3").
Serial Interface	RS232C; programmable baud rate and protocol.
Overall Dimensions	500 x 500 x 1,470 mm, (19.7" w. x 19.7" d. x 57.8" h).
Weight	Net 100kg (220 lbs); Shpg. 136kg (300 lbs).

Accessories



50kN Clamped Boss Load Ring

Code: [78-0860](#)



Adaptor kit, to perform CBR on the Tritest 50 load frame

Code: [25-3518/10](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

Alternatives



MultiPlex 50 Load Frame

Code: [25-3700/01](#)



Versa-Loader

Code: [25-3525/02](#)



MultiPlex 50 Load Frame

Code: [25-3700/01](#)

Product Group: [Data Logging with the DSU](#), [CBR Load Frames](#), [Marshall Load Frames](#), [Triaxial Load Frames](#), [Data Logging with the DSU](#)

Compact bench mounting load frame designed for performing laboratory CBR, unconfined compression, Quick Undrained Triaxial and Marshall Stability Tests. Has a variable speed of 0.5 to 50.8mm per minute and features rapid approach of platen.

Standards

EN 12697-34, BS 598, BS 1377, BS 1924, ASTM D1883, EN 12697-23, EN 12697-24, EN 13286-47, AASHTO T193, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297, ASTM D6927

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Dimensions (l x w x h)	550 x 400 x 1470 mm
Max vertical clearance	800 mm
Horizontal clearance	265 mm
Platen diameter	133 mm
Platen travel	100 mm
Platen speed range	0.5 to 50.8 mm/min
Rapid approach speed	40 mm/min
Weight kg	100, (shipping 113 kg)

Accessories



50kN Clamped Boss Load Ring

Code: [78-0860](#)



50kN S-type Load Cell

Code: [27-1559](#)



Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: [24-9188](#)



Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)



CBR Penetration Transducer 50mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1705](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: 78-0060



Clamped Boss Load Ring - 28.0 kN

Code: 78-0760



Clamped Boss Load Ring - 3.0 kN

Code: 78-0160



Clamped Boss Load Ring - 4.5 kN

Code: 78-0260



Penetration Dial Gauge BS

Code: 24-9186



Penetration Piston

Code: 24-9182



Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Alternatives



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/01](#)



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/06](#)



Digital Tritest 50 Load Frame

Code: [25-3518/01](#)



Floor Mounting Stand.

Code: [25-0429](#)

Product Group: [Consolidation Apparatus, Table Top Consolidation Apparatus](#)

A versatile modular steel stand. Holes in the shelf are provided for securing up to three EL25-0402 Consolidation Frames. Dimensions 610 x 915 x 865 mm (l x w x h).

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5



Set of Weights 100Kg Total Weight.

Code: [25-0408](#)

Product Group: [Consolidation Apparatus](#)

9 x 10 kg, 1 x 5 kg, 2 x 2 kg, 1 x 1 kg.

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5



Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

Code: 25-0402

Product Group: Consolidation Apparatus, Table Top Consolidation Apparatus

- High capacity - 8800 kPa on 50 mm diameter specimens using 11:1 beam ratio
- Triple beam ratio, 9:1, 10:1, 11:1
- Compact unit ensures maximum space saving

The ELE Oedometer is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a yoke assembly and one of three alternative beam ratios. The beam is fitted with a counterbalance weight and beam support jack. The cell platform will accept the complete range of ELE consolidation cells and is fitted with a central spigot to ensure accurate centring of the cell under the loading yoke. Dimensions without hanger 711 x 203 x 508 mm (l x w x h). Weight 24 kg.

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5

Further Information

Supplied without dial gauge and weights.

Specification

Load Capacity	48 tons/sq. ft. (5,14 8 kPa) on 2.5" (63 mm) diam. samples.
Loading Beam	Cast aluminum; counterbalanced; 9:1,10:1 and 11 :1 ratios.
Frame	Cast aluminum; integral beam support jack; plated steel and platform.
Dimensions	203 x 711 x 508 mm, (8" w. x 28" d. x 20" h) . excluding weight hanger.
Weight	24 KG

Accessories



16 Ton Weight Set

Code: [25-0544](#)



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Floor Mounting Stand.

Code: [25-0429](#)



Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)



Set of Weights 100Kg Total Weight.

Code: [25-0408](#)



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)

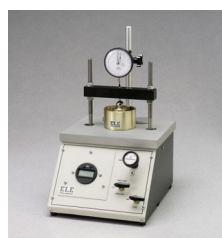
Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



Pneumatic Consolidation Apparatus

Code: [25-0560](#)



16 Ton Weight Set

Code: [25-0544](#)

Product Group: [Direct/Residual Shear Apparatus](#),
[Table Top Consolidation Apparatus](#)

Includes: two 1/16 ton, one 1/8 ton, one 1/4 ton, one 1/2 ton, one 1 ton and seven 2 ton weights.

Further Information

for use with 2.5" diameter samples

Accessories



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)

Alternatives



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)

Product Group: [Fixed Ring Consolidation, Pneumatic Consolidation Apparatus, Table Top Consolidation Apparatus](#)

With cutting (specimen) ring.

Standards

ASTM D2435, ASTM D4546, AASHTO T216

Specification

Application	California
Specimen Diameter	2.41 6â€³
Specimen Area	4.585in ²
Beam Ratio	10:01
Load	1.45 kg
Stress	1000lbf/ft ²
Typical Maximum Stress	11 0,720lbf/ft ²
Stress for 1 kg	692lbf/ft ²

Accessories



2.5" Floating Ring Consolidometer

Code: [25-0530](#)

Spares/Consumables



Upper and Lower Porous Stones, 2.416"

Code: [25-0480/13](#)

Alternatives



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Upper and Lower Porous Stones, 2.416"

Code: [25-0480/13](#)

Product Group: [Fixed Ring Consolidation](#)

Standards

ASTM D2435, ASTM D4546, AASHTO T216

Accessories



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



2.5" Floating Ring Consolidometer

Code: [25-0530](#)

Product Group: [Floating Ring Consolidometer](#),
[Pneumatic Consolidation Apparatus](#), [Table Top Consolidation Apparatus](#)

Specification

Specimen Size	2.5" diam. x 1" h. (63.5 x 25.4 mm).
Base	One-piece machined bronze; 5" diam. x 3" h. (127 x 76.2 mm).
Specimen Ring	Machined brass.
Porous Stones	2-15/32" diam. x 1/2" thick (62.7 x 12.7 mm).
Weight	Net 13 lbs. (5.9 kg).

Accessories



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)

Spares/Consumables



Porous Stone 2-15/32" dia.

Code: [25-0530/10](#)



Specimen Ring 2.5"

Code: [25-0533](#)

Alternatives



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)

Product Group: [Table Top Consolidation Apparatus](#), [ASTM/AASHTO consolidation cells and accessories](#), [Pneumatic Consolidation Apparatus](#), [Fixed Ring Consolidation](#)

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877

Specification

Application	ASTM
Specimen Dia	2.5 inch
Specimen area	4.909 inch ²
Beam ratio	10:1
Load kg	1.55
Stress	1000 lbf/ft ²
Typical max stress	103 200 lbf/ft ²
Stress for 1 kg m ²	645 lbf/ft ²

Accessories



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)

Spares/Consumables



2.5 Inch Dia Upper and Lower Porous Stones for Use on EL25-0479 Series Cell.

Code: [25-0479/13](#)



Cutting Ring for 25-0479

Code: [25-0482](#)

Alternatives



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)

Product Group: [Table Top Consolidation Apparatus](#), [Pneumatic Consolidation Apparatus](#), [Fixed Ring Consolidation](#), [High pressure application consolidation cells and accessories](#)

- 50 mm dia samples
- Integral water reservoir
- Supplied with upper and lower porous disc and cutting ring
- Manufactured from corrosion resistant materials
- Maximum working stress 8 mpa

Specification

Application	High pressure
Specimen Dia	50 mm
Specimen area	1963 mm ²
Beam ratio	10:1
Load kg	1
Stress	50 kPa
Typical max stress	8 MPa
Stress for 1 kg m ²	50 kPa
Application	High Pressure
Specimen Diameter	50 mm
Specimen Area	1963 mm ²
Beam Ratio	10:01
Load	1 kg
Stress	50 kPa
Typical Maximum Stress	8 MPa
Stress for 1 kg	50 kPa

Accessories



Calibration Disc 50mm Cell

Code: [25-0461](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)

Spares/Consumables



50mm Dia Upper and Lower Porous Stones for Use on EL25-0455 Series Cell.

Code: [25-0455/13](#)



Cutting Ring 50mm Cell.

Code: [25-0458](#)

Alternatives



Calibration Disc 50mm Cell

Code: [25-0461](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: 25-0503

Product Group: Table Top Consolidation Apparatus, BS EN consolidation cells and accessories, Pneumatic Consolidation Apparatus, Fixed Ring Consolidation

Specification

Application	BS/EN 10:1
Specimen Dia	75 mm
Specimen area	4418 mm ²
Beam ratio	9:1
Load kg	1
Stress	20 kPa
Typical max stress	3.2 MPa
Stress for 1 kg m ²	20 kPa
Application	BS
Specimen Diameter	75 mm
Specimen Area	4418 mm ²
Beam Ratio	10:01
Load	1 kg
Stress	20 kPa
Typical Maximum Stress	3.2 MPa
Stress for 1 kg	20 kPa

Accessories



Calibration Disc 75mm Cell

Code: 25-0509



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: 25-0479



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)

Spares/Consumables



75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.

Code: [25-0503/13](#)



Cutting Ring 75mm Cell.

Code: [25-0506](#)

Alternatives



Calibration Disc 75mm Cell

Code: [25-0509](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.

Code: [25-0503/13](#)

Product Group: [BS EN consolidation cells and accessories](#), [Fixed Ring Consolidation](#)

Standards

BS 1377-5

Accessories



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Cutting Ring 75mm Cell.

Code: [25-0506](#)

Product Group: [BS EN consolidation cells and accessories](#), [Fixed Ring Consolidation](#)

Standards

BS 1377-5

Accessories



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)

Product Group: [Mechanical Dial Indicators](#),
[Pneumatic Consolidation Apparatus](#), [Table Top Consolidation Apparatus](#)

Specification

Range	10 mm
Divisions	0.0025 mm
Movement	Counter-clockwise
Face Diameter	92 mm
Contact Point	Immediate response, up or down; tip movement magnified to indicator hand with minimal friction; 3/16" (5 mm) radius x 1/4" (6 mm) l.
Dials	With continuous graduations and revolution counters.
Measure Movement	Measure movement away from dial case; pointer at zero with stem retracted.
Weight	Net 12 oz. (340 g).

Accessories



1" Extension Point

Code: [88-4154](#)



1/2" Extension Point

Code: [88-4152](#)



1/4" Extension Point

Code: [88-4150](#)



3" Extension Point

Code: [88-4156](#)



Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)

Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



1" Extension Point

Code: [88-4154](#)



1/2" Extension Point

Code: [88-4152](#)



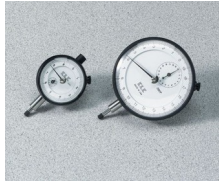
1/4" Extension Point

Code: [88-4150](#)



3" Extension Point

Code: [88-4156](#)



Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)



Electronic Digital Indicator, 0.600"/15 mm range

Code: 88-4210

Product Group: Table Top Consolidation Apparatus, Electronic Digital Indicator, Pneumatic Consolidation Apparatus, Direct/Residual Shear Apparatus

Resolution of 0.0001" (0.002 mm)

Accessories



AC Adaptor for Electronic Digital Indicators

Code: 88-4270/02



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: 25-0440



Mechanical Dial Indicator - 0.4" Range

Code: 88-4070



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)



Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)

Spares/Consumables



Dial Indicator - 1.0" Range

Code: [88-4100](#)



Electronic Digital Indicator, 0.250"/6.35 mm range

Code: [88-4200](#)



Vertical Dial Indicator, English

Code: [25-0445](#)

Alternatives



Dial Indicator - 1.0" Range

Code: [88-4100](#)



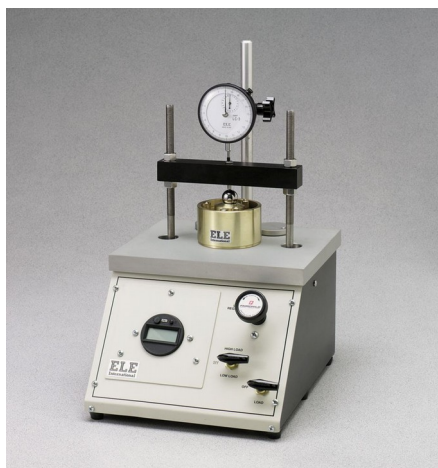
Electronic Digital Indicator, 0.250"/6.35 mm range

Code: [88-4200](#)



Vertical Dial Indicator, English

Code: [25-0445](#)



Pneumatic Consolidation Apparatus

Code: [25-0560](#)

Product Group: [Pneumatic Consolidation Apparatus](#)

32 tsf capacity.

Standards

ASTM D2435, ASTM D4546, AASHTO T216

Specification

Construction	Aluminum cabinet with enamel finish; 1" (25 .4 mm) thick aluminum load platform plate; stainless steel vertical rods.
Maximum Load	32 tsf.
Required Air Pressure	123 psi (848 kPa).
Vertical Clearance	8.25 " (21 0 mm).
Horizontal Clearance	7.75" (197 mm).
Maximum Piston Travel	0.5" (12 .7 mm).
Dimensions	12 " w. x 14 .5" d. x 20.5" h. (305 x 368 x 521 mm).
Weight	Net 48 lbs. (21 .8 kg).

Accessories



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)

Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



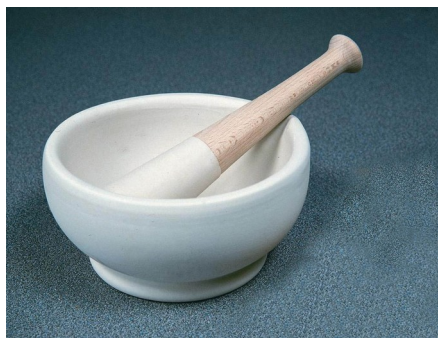
Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

Code: [25-0402](#)



Electronic Digital Indicator, 1.0"/25.4 mm range

Code: [88-4220](#)



Mortar and Pestle Porcelain.

Code: [23-3505](#)

Product Group: [Sample Reduction](#)

Thick walled porcelain mortar; 107mm internal diameter and porcelain pestle.

Alternatives



Heat of Hydration Apparatus

Code: [38-4600/06](#)



Heat of Hydration Apparatus

Code: [38-4600/01](#)



Rubber Headed Pestle.

Code: [23-3500](#)



Rubber Headed Pestle.

Code: [23-3500](#)

Product Group: [Sample Reduction](#)

Specially made for gently grinding soils without breaking the individual particles. Suitable for BS 1377, 1924; ASTM D421; AASHTO T87.

Standards

BS 1377, BS 1924, ASTM D421, AASHTO T87

Alternatives



Mortar and Pestle Porcelain.

Code: [23-3505](#)



Large Capacity Sample Splitter.

Code: 23-3425

Product Group: Large Sample Splitter, Large Capacity Sample Splitter

The splitter is designed for the reduction of test samples which are too large in volume to be conveniently handled. It divides samples so that half is representative of the original total sample and handles material up to 6 inches in particle size.

The lever-actuated unit is constructed of heavy gauge welded steel with a hopper which holds up to 1 cuft. The single splitter chute provides wide flexibility in sizes of opening and adjustment is provided for chutes of 0.5, 1.5, 2, 3, 4 or 6 inch by positioning of the chute bars. Overall height is approximately 1 meter. Hopper size 735 mm long x 480 mm wide (approx).

Further Information

Complete with 2 material pans and a bag-loading chute.

[1] Splitter Designed For The Reduction Of Test Samples Which Are Too Large In Volume To Be Conveniently Handled.

[2] Handles Samples Up To 6 Inch Diameter.

[3] Wide Flexibility In Size Of Opening And Adjustment Is Provided For Chutes Of 0.5 1.5 2 3 4 Or 6 Inch By Positioning Of The Chute Bars.

[4] Lever Actuated Unit.

[5] Heavy Gauge Welded Steel Construction.

[6] Hopper Holds Up To One Cubic Ft.

[7] Single Splitter Chute.

[8] Hopper Size 735 X 480Mm Approx.

[9] 2 Material Pans.

[10] Bag Loading Chute.

Specification

Capacity	1 cu. ft. (0.028 m3); for sand sizes up to 4" (102 mm).
Hopper	Lever-actuated, clamshell design.
Chute Bars	48 aluminum bars, 1/2" (13 mm) width.

Product Sheet

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Chute Area	24 " (610 mm) overall width.
Chute Openings	Adjustable; 1/2", 1", 1-1/2", 2", 3", 4", or 6".
Frame	Welded, heavy-gage steel.
Chute Attachment	Replaces pan to allow sample collection in bag; 28-1/4" l. x 7"w. x 5-1/2" h. (718 x 178 x 140 mm).
Material Pans	Two included; 25 -3/4" l. x 9" w. x 6-1/2" h. (654 x 229 x 165 mm).
Overall Dimensions	29" l. x 19" w. x 39" h. (737 x 483 x 999 mm).
Weight	Shpg. 142 lbs. (64 kg).

Accessories



Sample Bag - 10" x 18" (254 x 457 mm)

Code: [23-1420](#)



Sample Bag - 17" x 32" (432 x 813 mm)

Code: [23-1422](#)

Alternatives



Large Capacity Sample Splitter.

Code: [23-3425](#)



Sample Splitter (Riffle Box) - 14 chutes, 1/2" (13 mm) chute width

Code: 23-3052



Sample Splitter (Riffle Box) - 14 chutes, 3/4" (19 mm) chute width

Code: 23-3102



Sample Splitter (Riffle Box) - 16 chutes, 1" (25 mm) chute width

Code: 23-3152



Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

Code: 23-3352



Sample Splitter (Riffle Box) - 8 chutes, 2" (51 mm) chute width

Code: 23-3302



Riffle Box 38mm Slot Width Complete with Three Containers.

Code: 23-3200

Product Group: [Riffle Boxes \(Sample Dividers\)](#)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 25 mm. EN recommended maximum particle size of 19 mm. Includes 8 slots each with a 38 mm slot width and an overall approximate capacity of 11 litres.

Standards

BS 1377, BS 1924, BS 812, EN 932-1

Specification

Recommended max particle size BS	25
Recommended max particle size EN	19
Slot width mm	38
No. of slots	8
Approx. capacity kg	11
Weight kg	17.5

Alternatives



Riffle Box 13mm Slot Width Complete with Three Containers.

Code: 23-3050



Riffle Box 15mm Slot Width Complete with Three Containers.

Code: 23-3070



Riffle Box 19mm Slot Width Complete with Three Containers.

Code: 23-3100



Riffle Box 25mm Slot Width Complete with Three Containers.

Code: [23-3150](#)



Riffle Box 30mm Slot Width Complete with Three Containers.

Code: [23-3170](#)



Riffle Box 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



ADR Touch 2000 Semi-Automatic Compression Machine with Digital Readout.

Code: 36-3090/01

Product Group: General Purpose Compression Machines

- 2000 kN/450 000 lbf capacity
- Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- Incorporates an ADR touch digital readout with rugged electrically driven hydraulic power pack with manual pace control as standard.
- High stability welded construction steel frame.
- Fitted with front and rear gates for operator protection.
- Maximum vertical clearance between upper & lower platen 340mm and horizontal distance is 325 mm
- Supplied with 222 mm dia removable lower platen marked for centering of cube and cylinder specimens.

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

The Standard range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

ACCURACY & SAVINGS

The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.
- Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

- Enhanced USB data communications between PC and machine - eliminating the need for download software.
- Two gigabytes of storage memory.
- Full customization of sample sizes - stress calculations are automatically recalculated.

USER SAFETY

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

Specification

Testing Standards	BS EN ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 150 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	325 mm
Platen Sizes	Lower, Upper 222 mm
Max Ram Travel	50 mm

Accessories



100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)



2000 kN Load Calibration Device complete with Handheld Readout Unit & Calibration Certificate ISO376

Code: [37-8315](#)



ADR Touch Head for Compression Machines

Code: [37-5951/09](#)



Flexible Hose

Code: [5038B0027](#)



Impact Printer Rs232 Serial Connection. Supplied Complete with 1 Paper Roll.

Code: [37-4859/01](#)



Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)



Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)



Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)



Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)



Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

Spares/Consumables



Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: [6014A0062](#)



Pressure transducer, 0-70bar, 0.05 to 10v DC Output

Code: [6014A0065](#)

Alternatives



ADR Touch 1500 Compression Machine with Digital Readout.

Code: [36-0720/01](#)



100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)

Product Group: [Accessories to connect ELE compression machines to the flexural/transverse frames](#)

These flexural frames can be used with a wide range of ELE compression machines. Simply select one of two fitting kits designed to link the flexural frame to either the ADR-Auto range of compression machines or any other ADR compression machine.

Further Information

****Not available for sale in the USA****



Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)

Product Group: [Distance Pieces](#)

Further Information

****Not available for sale in the USA****



Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)

Product Group: [Distance Pieces](#)

Further Information

****Not available for sale in the USA****



Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)

Product Group: [Distance Pieces](#)

Further Information

****Not available for sale in the USA****



Proctor Penetrometer Spring Type with Adaptor Stem.

Code: [29-3925](#)

Product Group: [Proctor Penetrometer, Setting Time by Penetration Resistance](#)

Supplied complete with set of needles, 29-3929

Standards

ASTM D1558

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Accessories



Case for Proctor Penetrometer.

Code: [29-3933](#)



Set of Needle Points 1 1/2 1/4 1/10 1/20 1/40 Inch Sq.

Code: [34-0810](#)



Syringe with Rubber Bulb.

Code: [82-2820](#)



Case for Proctor Penetrometer.

Code: [29-3933](#)

Product Group: [Proctor Penetrometer](#)

An optional carrying case for the penetrometer and needle points.

Standards

ASTM D1558



Density Plate for EL29-4300.

Code: [29-4340](#)

Product Group: [Sand Cone 6"](#)

For 6 inch sand cone. The plate has a 6.5 inch diameter recessed hole to locate the sand cone.

Standards

ASTM D1556, AASHTO T191

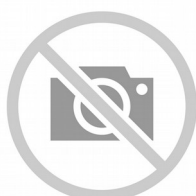
Accessories



Standard Sand - 600/300 μm

Code: [82-7401](#)

Alternatives



Standard Sand - 600/300 μm

Code: [82-7401](#)



Standard Sand - 600/300 μ m

Code: [82-7401](#)

Product Group: [Sand Cone 6"](#), [Chemicals](#), [Test and Reference Materials](#)

Fraction C. No hazard. 20 kg.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

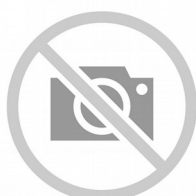
Accessories



Density Plate for EL29-4300.

Code: [29-4340](#)

Alternatives



Density Plate for EL29-4300.

Code: [29-4340](#)



6 Inch (152mm) Sand Cone.

Code: [29-4300](#)

Product Group: [Sand Cone 6"](#)

Comprising two cones with a shutter mechanism.
Supplied without sand container.

Standards

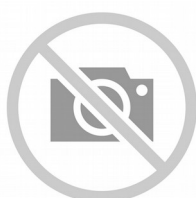
ASTM D1556, AASHTO T191

Accessories



5 Litre Plastic Container for Sand Cone

Code: [29-4320](#)



Density Plate for EL29-4300.

Code: [29-4340](#)



Standard Sand - 600/300 μ m

Code: [82-7401](#)



5 Litre Plastic Container for Sand Cone

Code: [29-4320](#)

Product Group: [Sand Cone 6"](#)

5 litre capacity for fitting to 29-4300

Standards

ASTM D1556, AASHTO T191



Metal Dibber Tool

Code: [29-5080](#)

Product Group: [Field density tools](#)

For excavating hole



Density Hand Pick.

Code: [29-5120](#)

Product Group: [Field density tools](#)

For excavating in difficult ground



Steel Pointed Rod.

Code: [29-5140](#)

Product Group: [Field density tools](#)

With wooden handle



Density Spoon.

Code: [29-5000](#)

Product Group: [Field density tools](#)

For removing soil from the hole



Density Chisel.

Code: [29-5060](#)

Product Group: [Field density tools](#)

With hardened tip



Soft Headed Mallet.

Code: [29-5020](#)

Product Group: [Field density tools](#)



Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: [26-2261](#)

Product Group: [Torvane Shear Device, Pocket Shearmeter](#)

The shearmeter can be used on tube samples, on the sides of pits, cuttings etc. It is an invaluable tool for initial site investigation work.

Further Information

Complete with sensitive vane, standard vane and high-capacity vane. Range 0 to 1 x 0.05 kgf/cm2.

Specification

Vane Driver	1.6" (41 mm) diam. x 3.2" (81 mm) l. with vane attached.
Dial Scale	1 kg/sq. cm (tons/sq. ft.) x 0.05 subdivisions.
Carrying Case	Plastic; 6" w. x 4" d. x 2" h. (152 x 102 x 51 mm).
Weight	Net 10.5 oz. (300 g).

Spares/Consumables



High-Capacity Vane

Code: [26-2261/14](#)



Sensitive Vane

Code: [26-2261/10](#)



Standard Vane

Code: [26-2261/12](#)

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: [26-2114/02](#)



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



Hand Vane Tester

Code: [26-3346](#)



High-Capacity Vane

Code: [26-2261/14](#)

Product Group: [Torvane Shear Device](#)

0-2.5 kg/sq. cm (tons/sq. ft.).



Sensitive Vane

Code: [26-2261/10](#)

Product Group: [Torvane Shear Device](#)

0-0.2 kg/sq. cm (tons/sq. ft.).



Standard Vane

Code: [26-2261/12](#)

Product Group: [Torvane Shear Device](#)

0-1.0 kg/sq. cm (tons/sq. ft.).



Hand Vane Tester

Code: 26-3346

Product Group: Hand Vane Tester

- Direct-reading scale with max-reading pointer.
- Provides quick and accurate shear strength values of cohesive soils.
- Lightweight carrying case for easy transport to the field.

The Hand Vane Tester is an accurate and portable instrument used for the determination of in-situ shear strength of cohesive soils, either on-site or on undisturbed or remoulded samples in the laboratory.

The instrument consists of a torque head with a direct-reading scale which is turned by hand. A non-return type pointer retains the test reading. A 19 mm (0.75") diameter vane and 300 mm (11.8") extension rod is supplied as standard.

Standards

ASTM D2573, ASTM D4648

Further Information

Includes 19 mm (0.75") vane, extension rod and carrying case.

Accessories



33 mm Diameter Vane and Carry Case

Code: 26-3346/10

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: 26-2114/02



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: [26-2261](#)



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: 26-2114/02

Product Group: Direct/Residual Shear Apparatus,
Direct/Residual Shear Apparatus

- Microprocessor control
- Large on-board LCD screen display
- Direct entry via touch sensitive keyboard
- Rapid approach and return to start datum
- Fully variable speed, 0.00001 to 9.99999 mm/minute
- Accepts specimens up to 100 mm square

The ELE Direct Shear Apparatus accepts specimens 60 mm, 100 mm square or 2.5 inches in diameter. The use of a microprocessor controlled drive system and keyboard entry gives the apparatus a wide range of features that include pause and speed reset during test, RS 232C interface, operator programming of speed and control functions, self test diagnostics and many other features. A return to start datum provides a positive means of reversing the shearbox when either preparing for a new test or continuing with residual testing procedures.

Safety forward/reverse travel limit switches are fitted as standard and monitored through the electronics system control.

The electronics are housed in a modern moulded shroud, which includes a large LCD display and keyboard entry. The apparatus is enclosed in a robustly constructed case, has been designed for floor mounting and is supplied complete with carriage, loading hanger and 10:1 lever loading device

Standards

ASTM D3080, AASHTO T236

Further Information

for 110 - 120 V AC, 50 - 60 Hz, 1 ph.

Specification

Sample Size

Accepts either 2.42", 2.5" diam.; 60 mm square samples using accessory shear box assemblies, not included.

Speed Range

Variable in either English or Metric units between

Shear Force	0.000001"
Vertical Load	(0.00001 mm) to 0.399999" (9.99999 mm) per minute.
Dimensions	1,100lbf. (5.0 kN) maximum. 2,200 lbf. (10.0 kN) using 10:1 lever ratio.
Amps	44.7" l. x 12 .6" w. x 49.6" h. (1,135 x 320 x 1,260 mm).
Watts	1.6
Weight	26
	Net 181 lbs. (82 kg).

Accessories



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: [25-0440](#)



Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)



Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)



S-Type Load Cell 5 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)



Set of Weights 50 kg Slotted.

Code: [26-2132](#)



Vertical Displacement Transducer Assembly 15mm Travel with 5 Pin Din Plug Bracket for Shear Box

Code: [27-1689](#)



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)

Spares/Consumables



Dial Indicator - 1.0" Range

Code: [88-4100](#)



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



Vertical Dial Indicator, English

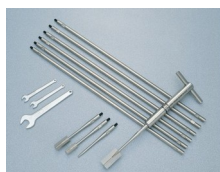
Code: [25-0445](#)

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.

Code: [26-3335](#)



Hand Vane Tester

Code: [26-3346](#)



Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

Code: [26-2270](#)



Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: [26-2261](#)



Shear Box Assembly 100mm Sq.

Code: [26-2197](#)



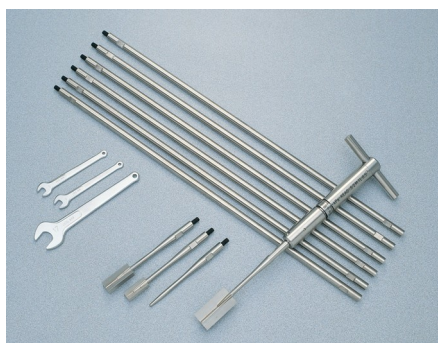
Shear Box Assembly 2.5 Inch Diameter

Code: [26-2213](#)



Shear Box Assembly 60mm Sq.

Code: [26-2181](#)



H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.

Code: [26-3335](#)

Product Group: [Inspection Vane](#)

This instrument is an essential tool for civil engineers involved in site investigation work. The unit is supplied in kit form with a carrying case incorporating the measuring head, extension rods, vanes, etc. The measuring head comprises a T-handle that is spring-loaded against the extension rod adaptor. Weight 5.5 kg.

Further Information

Range 0 to 260 kPa, in carrying case with 6 x 0.5 metre extension rods, 3 vanes, dummy vane and tools. Supplied complete with Calibration Certificate.

Spares/Consumables



H605 Extension Rod 0.5M and connection piece

Code: [26-3335/11](#)

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: [26-2114/02](#)



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

Code: [26-2270](#)

Product Group: [Laboratory Vane Apparatus](#),
[Laboratory Vane Apparatus](#)

The equipment is based on a design by the Transport Research Laboratory, England, and is available in hand or motorised versions. Stress is applied through the 12.7 x 12.7 mm vane by means of any one of four calibrated springs.

Standards

BS 1377

Further Information

Hand-operated, complete with 4 calibrated springs and a 12.7 mm diameter x 12.7 mm long vane.

Accessories



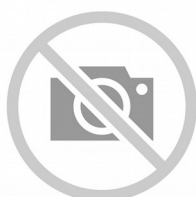
Vane 12.7mm Diameter X 12.7mm Long.

Code: [26-2279](#)



Vane 12.7mm Diameter X 19mm Long

Code: [26-2281](#)



Vane 12.7mm Diameter X 25.4mm Long.

Code: [26-2283](#)

Spares/Consumables



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.

Code: [26-2275/10](#)

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: [26-2114/02](#)



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.

Code: [26-2275/10](#)

Product Group: [Laboratory Vane Apparatus](#),
[Laboratory Vane Apparatus](#)

Standards

BS 1377

Accessories



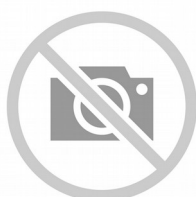
Vane 12.7mm Diameter X 12.7mm Long.

Code: [26-2279](#)



Vane 12.7mm Diameter X 19mm Long

Code: [26-2281](#)



Vane 12.7mm Diameter X 25.4mm Long.

Code: [26-2283](#)



Guelph Permeameter Supplied Complete with Extension Kit.

Code: 25-0650

Product Group: Guelph Permeameter, Guelph Permeameter

- Lightweight and portable
- Robust construction
- Requires only 2.5 litres of water
- Results usually within 2 hours

The Guelph Permeameter is used to obtain accurate measurements of hydraulic conductivity, soil sorptivity and soil matrix flux potential. These three factors govern how liquids will move through an unsaturated soil profile.

Recent significant advances in both the theoretical and practical techniques of measuring soil hydraulic conductivity have been made by the University of Guelph, Canada. This has resulted in the development of the Guelph Permeameter, utilising the Constant Head Well principle.

Standards

ASTM D5126

Further Information

Guelph Permeameter Set Includes:-

- 1 Field Tripod
- 1 Well Auger
- 1 Well Tripod
- 1 Preparation Tool
- 1 Hand Pump
- 1 Extension Kit (extends depth by 800 mm)
- 1 Collapsible Water Container
- 1 Set of Instructions and Carrying Case

Specification

Cell	Plated seamless tube 100 mm diameter x 130 mm height
Capacity	3.18 Litres
Base	Porous plate with three tie rods
Top plate	Machined to accept smaller tubes
Net Weight	13.6 kg
Overall Weight	111 kg
Permeameter	High impact polycarbonate, molded elastomers.

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Auger	2" (50.8 mm) diam.; machined steel.
Carrying Case	Die-cut foam for parts storage.
Test Time	1/2 – 2 hours.
Test Depth	15 to 75 cm (0.5 to 2.5 ft).
Hydraulic Conductivity Range	10-4 to 10-8 m/sec (10-2 to 10-6 cm/sec).
Weight	Net 30 lbs. (13 .6 kg).

Accessories



Permeameter Extension Kit

Code: [25-0655](#)



Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches. 220-240V 60Hz 1Ph.

Code: [42-5310/06](#)

Product Group: [Los Angeles Abrasion Machine](#)

The machine consists of a closed hollow cylindrical steel drum rotating around its horizontal axis on ball bearing units mounted on a sturdy base framework. Also the full enclosure ensures noise is minimized.

The drum is driven at a speed of between 30 - 33 rpm via an enclosed belt drive arrangement from an electric motor/gearbox unit situated on the base frame. Inside the drum a full length steel shelf is attached, accessed by a dust-proof opening.

The cylinder incorporates a removable internal shelf, one shelf position is provided to meet the requirements of both the ASTM and EN test standards.

Controls are located easily on the right-hand side of the machine at convenient operator height.

Start and stop push buttons and a subtracting revolution counter allows the user to preset the number of revolutions before an automatic stop.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Description	Los Angeles Abrasion Machine with CE Safety Cabinet 220 - 240 V 60Hz
Power Supply	220 - 240 V AC, 60 Hz, 1 ph
EN 1097-2	Yes
ASTM C131	Yes
ASTM C535	Yes
NF P18-573	Yes

Accessories

Set of 12 Abrasive Charges (ASTM).

Code: [42-5300/10](#)



Set of 12 Abrasive Charges EN)

Code: [42-5305/10](#)



Alternatives



Los Angeles Abrasion Machine Meets ASTM and European Standards. 220-240V 50Hz 1Ph.

Code: [42-5315/01](#)



Los Angeles Abrasion Machine Meets ASTM and European Standards. 220-240V 60Hz 1Ph.

Code: [42-5315/06](#)



Set of 12 Abrasive Charges (ASTM).

Code: [42-5300/10](#)

Product Group: [Los Angeles Abrasion Machine](#), [Los Angeles Abrasion Machine](#)

ASTM Set of 12.

Standards

EN 1097-2, ASTM C131, ASTM C535, AASHTO T96



Sulphate Test Strips

Code: [42-2958](#)

Product Group: [Sulphate Content: Rapid Method](#)

Detection range 200 to 900 mg/l. Pack of 100.



Bulk Density Measure 10 Litre

Code: [34-2830](#)

Product Group: [Bulk Density Measures, Fresh Concrete - Bulk Density Measures](#)

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812, EN 1097-3, 12350-6 or ASTM C138. All measures incorporate carrying handles as standard. The measures are coated against corrosion.

Standards

EN 12350-6, ASTM C138, EN 1097-3

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For other bulk density measures see the aggregates section

Accessories



Aluminium Scoop Large

Code: [81-0220](#)



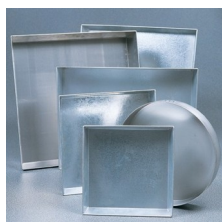
Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



Float - Plasterer's type

Code: [81-0340](#)



Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



Shovel - With flat blade

Code: [81-0240](#)

Spares/Consumables



Soft Headed Mallet.

Code: [29-5020](#)



Bulk Density Measure 3 Litre.

Code: [42-1995](#)

Product Group: [Bulk Density Measures](#)

3 litre capacity

Standards

BS 812, ASTM C29

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Wire Basket Brass with Handle Nominal 6000Cm³ Capacity with 1.7mm Wire Mesh.

Code: 42-1005

Product Group: Particle Density (specific gravity) and
Water Absorption for Coarse Aggregates

For BS 812 Relative Density. 200 mm diameter x 190
mm deep, 1.70 mm wire mesh.

Standards

EN 1097-6, EN 12697-6, BS 812, ASTM C127, AASHTO T85

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.

Code: [42-1000/01](#)

Product Group: [Particle Density \(specific gravity\) and Water Absorption for Coarse Aggregates](#)

The buoyancy balance system developed by ELE consists of a rigid support frame, incorporating a water tank mounted on a platform. A mechanical lifting device is used to raise the water tank through the frame height immersing the specimen suspended below the balance. The balance supplied may also be used as a standard weighing device, thus providing a versatile and comprehensive weighing system in the laboratory. 6000 g x 0.1 g supplied with frame, water tank and suspension hook.

Standards

EN 1097-6, EN 12697-6, BS 812, ASTM C127, AASHTO T85

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Accessories



200 mm Diameter Lid

Code: [79-0010](#)



200 mm Diameter Receiver

Code: [79-0020](#)



200mm Dia BS Sieve 31.5mm Perforated Plate.

Code: [79-1630](#)



200mm Dia BS Sieve 4.00mm Stainless Steel Mesh.

Code: [79-0310](#)



200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)



200mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-1670](#)



Digital Pocket Thermometer

Code: [82-5420](#)



Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)



Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)



Wire Basket Brass with Handle Nominal 6000Cm³ Capacity with 1.7mm Wire Mesh.

Code: [42-1005](#)



Sand Absorption Cone.

Code: 42-1700

Product Group: Particle Density (specific gravity) and Water Absorption for Fine Aggregates, Sand Absorption Cone and Tamper

Made of brass to the dimensions given in BS 812, ASTM C128 and AASHTO T84.

Standards

BS 812, ASTM C128, AASHTO T84

Accessories



200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.

Code: 79-0080



Funnel

Code: 82-2660



Sample Container - Plastic 10 litres

Code: [81-3540](#)



Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)



Sample Tray - 305 mm Diameter x 50 mm

Code: [81-4700](#)



Tamping Rod.

Code: [42-1720](#)

Alternatives



Pyknometer Complete with Non-Corrodable Cone and Rubber Seal 1Kg Capacity

Code: [24-2885](#)



Sand Absorption Cone and Tamper

Code: [42-1725](#)



Tamping Rod.

Code: 42-1720

Product Group: Particle Density (specific gravity) and Water Absorption for Fine Aggregates, Sand Absorption Cone and Tamper

For use with cone. Tamping face is 25mm diameter and complies with BS 812, ASTM C128 and AASHTO T84.

Standards

BS 812, ASTM C128, AASHTO T84



150 Litre Drying Oven

Code: [78-1235/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Alternatives



100 Litre Drying Oven

Code: [78-1225/01](#)



225 Litre Drying Oven

Code: [78-1250/01](#)



50 Litre Drying Oven

Code: [78-1215/01](#)



Drying Oven 425 Litre Capacity

Code: [78-0135/01](#)



Particle Size Analysis Test Set

Code: [2824/01](#)

Product Group: [Particle Size Analysis Test Set](#)

Set includes:

- 1 Mechanical Analysis Stirrer (24-4132/01).
- 1 Sodium Hexametaphosphate, 1 lb (24-4145).
- 1 Hydrometer ASTM 152H (24-4640).
- 1 Hydrometer ASTM 151H (24-4650).
- 2 Hydrometer Jar, 1000ml (24-4700).
- 1 Hydrometer Jar Bath (24-4867/01).
- 1 8" Brass Sieve #4 Mesh (79-5020).
- 1 8" Brass Sieve #10 Mesh (79-5070).
- 1 8" Brass Sieve #20 Mesh (79-5120).
- 1 8" Brass Sieve #40 Mesh (79-5160).
- 1 8" Brass Sieve #60 Mesh (79-5190).
- 1 8" Brass Sieve #140 Mesh (79-5240).
- 1 8" Brass Sieve #200 Mesh (79-5260).
- 1 8" Brass Cover Less Ring (79-5400).
- 1 8" Brass Pan (79-5410).
- 1 8" Brass Sieve 3/8 Mesh (79-5510).
- 1 8" Brass Sieve 3/4 Mesh (79-5560).
- 1 8" Brass Sieve 1 1/2" Mesh (79-5610).
- 1 8" Brass Sieve 2" Mesh (79-5630).
- 1 8" Brass Sieve 3" Mesh (79-5660).
- 1 Sieve Brush (79-7220).
- 1 Fine Sieve Brush (79-7225).
- 1 Wire Sieve Brush (79-7230).
- 1 Graduated Cylinder, 1000 ml (88-6012).
- 1 Beaker, Glass 600 ml (88-6110).
- 1 Evaporating Dish, 1285ml (88-6718).

Standards

ASTM D422, ASTM E100, AASHTO T88

Further Information

220vAC, 50/60 Hz, 1ø.