



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

This wishlist was generated on 29/01/2017, and contains the following Products:

24-0434

**Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter.
Supplied Less Grooving Tool.**

24-0461

Casagrande Grooving Tool Aashto

24-0425

Grooving Tool and Gauge B.S.

24-0430

Glass Plate.

82-2000

Evaporating Dish - 150 x 45 mm

81-0100

Spatula 100 mm

81-0094

Support Assembly

81-2979

Moisture Content Tin

82-2500

Wash Bottle

24-1800

Shrinkage Mould to BS 1377

81-0588

Vernier Caliper Range 0 to 200mm X 0.02mm.

82-7031

Paraffin Wax

78-5335/01

Electronic Balance - 220g x 0.001g

78-1215/01

50 Litre Drying Oven

25-3700/01

MultiPlex 50 Load Frame

25-3650

Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

78-0260

Clamped Boss Load Ring - 4.5 kN

25-6530

Two Part Split Mould 70mm

25-6500

Two-Way Split Former 70mm Diameter.

24-9063

ASTM Compaction Rammer 2.5Kg.

24-9070

ASTM/Modified Proctor Compaction Rammer 4.5Kg.

24-9182

Penetration Piston

24-9184

Penetration/Swell Dial Gauge ASTM.

24-9188

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

24-9228

ASTM Cbr Mould Complete with Collar & Perforated Base

24-9238

ASTM Spacing Disc.

24-9240

Filter Screen 150mm Dia with 0.15mm Mesh.

24-9243

4.5Kg Annular Surcharge Weight ASTM.

24-9244

5Lb (2.27Kg) Split Surcharge Weight.

24-9250

Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

24-9260

Swell Plate

24-9262

Swell Stand

78-0760

Clamped Boss Load Ring - 28.0 kN

24-9236

ASTM Cutting Collar.

34-6575/01

Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

25-0402

Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

25-0408

Set of Weights 100Kg Total Weight.

25-0479

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

25-0485

Calibration Disc 2.5 Inch Cell

27-1300/01

DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz



Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter. Supplied Less Grooving Tool.

Code: [24-0434](#)

Product Group: [Casagrande Method](#)

Complete with revolution counter. Supplied less grooving tool.

Standards

ASTM D4318, AASHTO T89

Accessories



ASTM Metal Grooving Tool.

Code: [24-0453](#)



Casagrande Grooving Tool Aashto

Code: [24-0461](#)



Casagrande Grooving Tool Aashto

Code: [24-0461](#)

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

- 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](#)



Grooving Tool and Gauge B.S.

Code: [24-0425](#)

Product Group: [Casagrande Method](#)

Constructed to British Standards.

Standards

BS 1377-2



Glass Plate.

Code: [24-0430](#)

Product Group: [Casagrande Method, Determination of Plastic Limit](#)

500 mm square x 10 mm thick.

Standards

BS 1377-2



Evaporating Dish - 150 x 45 mm

Code: [82-2000](#)

Product Group: [Volumetric Shrinkage, Evaporating Dishes](#)

Shallow form with spout, porcelain 150 x 45 mm nominal diameter x height.

Further Information

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



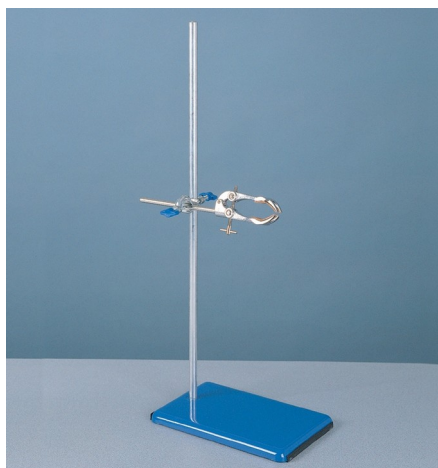
Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

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



Support Assembly

Code: [81-0094](#)

Product Group: [Stand, Bosshead and Clamp](#)

- Retort stand and clamp for general purpose

Further Information

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



Moisture Content Tin

Code: [81-2979](#)

Product Group: [Moisture Content Tin and Sample Containers](#)

Further Information

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



Wash Bottle

Code: [82-2500](#)

Product Group: [Bottles and Crucibles](#)

Polythene, 500 ml capacity.

Further Information

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



Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

Standards

BS 1377

Accessories



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

Product Group: [Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware](#)

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Standards

EN 933-4, BS 1377



Paraffin Wax

Code: [82-7031](#)

Product Group: [Chemicals, Test and Reference Materials](#)

No hazard (congealing point approx 49°C). 5 kg block.

Further Information

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

Accessories



Vibrating Hammer

Code: [47-0455/01](#)

Alternatives



Vibrating Hammer

Code: [47-0455/01](#)



Electronic Balance - 220g x 0.001g

Code: [78-5335/01](#)

Product Group: [Electronic Balances](#)

Further Information

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

Specification

Capacity resolution	220 g x 0.001 mg
Pan size	120 mm dia
Mains and battery	No
Dimensions (w x d x h)	220 x 310 x 270 mm
Weight	12 kg
Weighing units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit
Readability	0.001 mg



50 Litre Drying Oven

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

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](#)



150 Litre Drying Oven

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



225 Litre Drying Oven

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



425 Litre Drying Oven

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





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](#)



Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

Code: [25-3650](#)

Product Group: [N/A](#)

Standards

ASTM D2166, AASHTO T208, BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193



Clamped Boss Load Ring - 4.5 kN

Code: 78-0260

Product Group: Digital Tritest 50 Load Frame, Direct/Residual Shear Apparatus, Proving Rings, Load Measurement, Load Measurement, Load Measurement, Clamped Boss Load Rings

Specification

Capacity: kN, kgf, lbf	4.5, 450, 1000
Typical Design sensitivity: N/div, kgf/div, lbf/div	3.0, 0.30, 0.66
Overall height mm	248
Approx weight kg	3.5
Capacity - lbf	1,000
Capacity - kN	4.5
Capacity - kgf	450
Typical Design Sensitivity - lbf/div	0.66
Typical Design Sensitivity - kN/div	3
Typical Design Sensitivity - Kg/div	0.3
Overall Height	9.76" (248 mm)
Approx Weight	7.7 lbs.(3.5 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 - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



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

Code: [78-0264](#)

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 - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



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

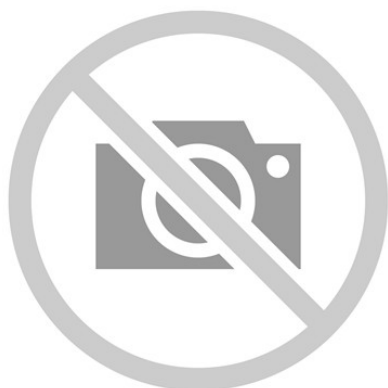
Code: [78-0264](#)



Two Part Split Mould 70mm

Code: [25-6530](#)

Product Group: [Two-way Split Moulds](#), [Two-Part Split Mould](#)



Two-Way Split Former 70mm Diameter.

Code: [25-6500](#)

Product Group: [Two-way Split Formers](#), [Two-Way Split Formers](#)

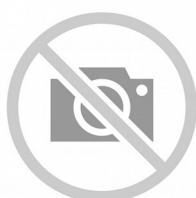
70Mm Diameter Two-Way Split Former.

Accessories



1.4" Two-Way Split Formers

Code: [25-4320](#)



2.8" Two-Way Split Formers

Code: [25-6680](#)



Two-Way Split Former 100mm Diameter.

Code: [25-7650](#)

Alternatives



1.4" Two-Way Split Formers

Code: [25-4320](#)



2.8" Two-Way Split Formers

Code: [25-6680](#)



Two-Way Split Former 100mm Diameter.

Code: [25-7650](#)



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Product Group: [Proctor compaction](#), [Standard Compaction Hammer](#)

50.8mm diameter x 305mm deep.

Standards

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

Specification

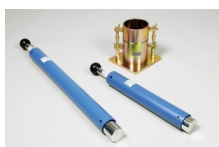
Hammer	2" diam. (50.8 mm); 5-1/2 lbs. (2.49 kg).
Drop	12 " (305 mm).
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight	4.1 kg (9 lbs)

Accessories



ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



Straight Edge 300mm.

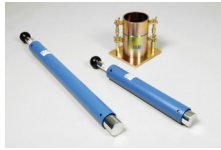
Code: [24-9010](#)

Alternatives



ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



Straight Edge 300mm.

Code: [24-9010](#)



ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)

Product Group: [ASTM/Modified Proctor compaction, Modified Compaction Hammer](#)

50.8mm diameter x 457.2 mm drop.

Standards

ASTM D1557, AASHTO T180

Specification

Hammer	2" diam. (50.8 mm); 10 lbs. (4.5 kg).
Drop	18" (457.2 mm).
Guide Sleeve	Machined steel tubing with integrally spun end cap; air pressure release holes.
Finish	Corrosion resistant
Weight	Net 6.3 kg (14 lbs)

Accessories



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Alternatives



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)



Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration Measurement](#)

1.935 mm² (3 in²) area foot of case hardened steel.
Designed to fit all ELE load rings.



Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Product Group: [Expansion \(swell\) Test Equipment](#),
[In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#),
[Penetration Measurement](#)

1 in travel x 0.0005 in divisions. Complete with rack extensions and chisel edge anvil.

Standards

BS 1377, BS 1924



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

Code: [24-9188](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

Standards

BS 1377, BS 1924



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Product Group: [ASTM/AASHTO CBR mould](#)

With collar and perforated baseplate.

Standards

ASTM D1883, AASHTO T193

Specification

Mould	152.4 x 177.8 mm (inside diameter x height)
Collar	50.8 mm height, fits both ends of mould
Base plate	Perforated
Construction	All steel, plated
Weight kg	9

Accessories



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



ASTM Cutting Collar.

Code: [24-9236](#)



ASTM Spacing Disc.

Code: [24-9238](#)

Alternatives



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



ASTM Cutting Collar.

Code: [24-9236](#)



ASTM Spacing Disc.

Code: [24-9238](#)



ASTM Spacing Disc.

Code: [24-9238](#)

Product Group: [Spacer Discs, ASTM/AASHTO CBR mould accessories](#)

150.8 mm diameter x 61.4 mm deep.

Specification

Construction

Steel; machined on all sides.

Finish

Plated.

Weights

Net 18.9 lbs. (8.6 kg).

Accessories



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Alternatives



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

Product Group: [Filter Screen, ASTM/AASHTO CBR mould accessories](#)

150 mm dia, 150 µm mesh for use with ASTM mould.

Specification

Mesh	Brass; number 100.
Size	5-15 /16" diam. (135 mm).
Weight	Net 1 oz. (28 g).

Accessories



Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

Alternatives



Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)

Product Group: [ASTM/AASHTO CBR mould accessories](#)

Accessories



ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)

Alternatives



ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)



5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)

Product Group: [ASTM/AASHTO CBR mould accessories, Surcharge Weights](#)

Specification

Construction

Machined steel.

Finish

Plated.

Accessories



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)

Alternatives



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

Product Group: [Filter Paper, ASTM/AASHTO CBR
mould accessories](#)

Box of 100.

Standards

ASTM D1883, AASHTO T193

Specification

Grade	Coarse.
Size	15 cm diam. (5.9â€³).
Weight	Net 8 oz. (227 g).

Accessories



Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

Alternatives



Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)



Swell Plate

Code: [24-9260](#)

Product Group: [Expansion \(swell\) Test Equipment, Swell Plate](#)

With adjustable stem.

Standards

ASTM D1883, AASHTO T193

Specification

Base Plate	5 15/16" diam. (150.8mm); perforated.
Contact Head	Adjustable; locks on stem with knurled nut.
Construction	Aluminium
Weight	Net 2-1/2 lbs. (1.1 kg).



Swell Stand

Code: [24-9262](#)

Product Group: [Expansion \(swell\) Test Equipment, Tripod Attachment](#)

For mounting Swell Dial Gauge in position on CBR mould collar.

Standards

ASTM D1883, AASHTO T193

Further Information

Requires dial indicator; not included, order separately

Specification

Construction	Machined, one-piece cast aluminum.
Contact Head	Integral part of ssembly; holds dial indicator.
Construction	2" I. (50.8 mm) included.
Weight	Net 1 lb. (0.4 kg).

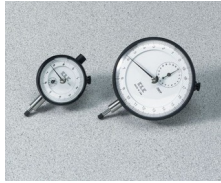
Accessories



Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)

Spares/Consumables



Dial Indicator - 1.0" Range

Code: [88-4100](#)

Alternatives



Electronic Digital Indicator, 1.0"/25.4 mm range

Code: [88-4220](#)



Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

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

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 - Kg/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](#)



ASTM Cutting Collar.

Code: [24-9236](#)

Product Group: [Cutting Edge, ASTM/AASHTO CBR mould accessories](#)

To fit ASTM CBR mould body, manufactured with a cutting edge to enable undisturbed samples to be taken in the field.

Standards

ASTM D1883, AASHTO T193

Specification

Dimensions	6" i.d. x 1-1/2" h. (152.4 x 38 mm).
Construction	Machined seamless steel tubing; recessed for mounting on CBR Mold.
Finish	Plated.
Weight	Net 1-1/2 lbs. (0.7 kg).

Accessories



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Alternatives



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

Code: [34-6575/01](#)

Product Group: [Expansion \(swell\) Test Equipment, Large Curing Tank](#)

This Large Curing Tank is supplied complete with a submersible pump, immersion heater/thermostat unit and separate control panel. The tank includes a lower rack as standard and is designed to maintain the temperature at $20 \pm 2^{\circ}\text{C}$, providing that the ambient temperature does not fall below 15°C or rise above 20°C .

Standards

EN 12390-2, ASTM C31, AASHTO T23

Further Information

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

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

Specification

Internal Dimensions	1040 x 1040 x 605 mm (l x w x h)
Capacity	650 litres
Rated Power	2000 watt
Weight	60 kg

Accessories



Maximum and Minimum Thermometer

Code: [82-5310](#)

Alternatives



Jolting Table 220 - 240 V AC 60 Hz

Code: [39-1150/06](#)



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 22 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. (5,148 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	(Net 30 lbs). 13.6 kg; Shpg. 40 lbs. (18.1 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](#)

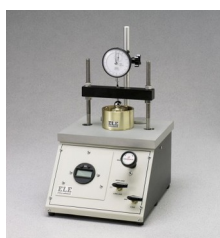
Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



Pneumatic Consolidation Apparatus

Code: [25-0560](#)



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 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](#)



Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)

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

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877

Accessories



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

Code: [25-0479](#)

Alternatives



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

Code: [25-0479](#)



DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz

Code: [27-1300/01](#)

Product Group: [Data Logging with the DSU](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Data Logging with the DSU](#)

· Download the full brochure here
[[/Page/catalogue-download/NTRmZS9UaGUgTkVXIERTVSBVU0EucGRm](#)]

- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation and Unconsolidated Undrained tests
- LAN connection - software can be running anywhere on your server
- Never lose data from power fails - 2 gigabytes of non-volatile memory
- Extended warranty

The Data System Unit (DSU) is a versatile instrument designed to accommodate the general logging requirements of geotechnical and materials testing engineers. Its intelligent interface allows the user to work with a range of different sensors.

Further Information

The DSU has two distinct modes of operation. The first is referred to as DS mode (DataSystem) for operation with ELE International's established DS7 geotechnical testing software.

DS MODE

- Up to four one dimensional consolidation tests
- Up to two CBR tests
- One direct/residual shear test
- One triaxial quick un-drained test

DU MODE

- Up to two Marshall tests
- Up to two CBR tests
- Up to two Unconfined compression tests
- Automatic frame control

OVERVIEW

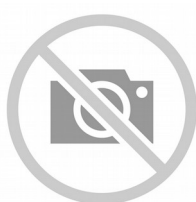
- Touch Screen data entry for standalone operation, Marshall/CBR/Quick un-drained

- Automatic single and dual frame control (with multiplex 50 frame)
- Log memory of 2 gigabytes
- Non-volatile memory
- Ethernet TCPIP link and serial comms support
- Market leading signal stability
- Certificate and manual calibration features

Become a member of the ELE International web site, add this new product to a wishlist to receive a quote! Click here [Login]

This product is now available in the USA and Canada!

Accessories



Cable, Safety/ID

Code: [27-1300/11](#)



Dual Frame Comms Cable

Code: [27-1300/10](#)



PC Cable

Code: [27-1300/12](#)

Alternatives



DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)



Marshall Test 50

Code: [45-6810/01](#)



Marshall Test 50

Code: [45-6810/06](#)