



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

This wishlist was generated on 30/05/2018, and contains the following Products:

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23-3300

**Riffle Box 50mm Slot Width Complete with Three Containers.**

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24-0434

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

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24-0453

**ASTM Metal Grooving Tool.**

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24-0461

**Casagrande Grooving Tool Aashto**

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24-2830

**Gas Jar 75mm Dia X 300mm with Glass Cover and Rubber Bung.**

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24-2890

**Density Bottle 25ML.**

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24-2900

**50ML Density Bottle with Perforated Stopper.**

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24-2950

**100ML Density Bottle with Perforated Stopper.**

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24-4919

**Sand Equivalent Apparatus ASTM Aashto with Carrying Case.**

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24-9060

**Proctor Mould**

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24-9063

**ASTM Compaction Rammer 2.5Kg.**

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24-9066

**ASTM Compaction Mould 152mm.**

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24-9070

**ASTM/Modified Proctor Compaction Rammer 4.5Kg.**

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24-9182

**Penetration Piston**

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24-9184

**Penetration/Swell Dial Gauge ASTM.**

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24-9275

**Dial Gauge 25mm Travel X 0.01mm Divisions.**

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24-9186

**Penetration Dial Gauge BS**

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24-9188

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

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24-9208

**C-Spanner for BS Cbr Mould. Two Required.**

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24-9220

**Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.**

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24-9228

**ASTM Cbr Mould Complete with Collar & Perforated Base**

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24-9238

**ASTM Spacing Disc.**

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24-9244

**5Lb (2.27Kg) Split Surcharge Weight.**

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24-9260

**Swell Plate**

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24-9262

**Swell Stand**

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24-9150/01

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

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78-0860

**50kN Clamped Boss Load Ring**

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29-4300

**6 Inch (152mm) Sand Cone.**

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29-4320

**5 Litre Plastic Container for Sand Cone**

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29-4340

**Density Plate for EL29-4300.**

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34-0110

**Slump Cone**

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34-0130

**Tamping Rod 16mm Dia X 600mm long hemispherical at both ends.**

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34-0140

**300 mm Stainless Steel Rule.**

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34-0180

**Slump Cone Funnel**

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42-0410

**Flakiness Gauge.**

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42-0820

**Length Gauge**

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42-1000/01

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

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42-1005

**Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> Capacity with 1.7mm Wire Mesh.**

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42-1700

**Sand Absorption Cone.**

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42-1720

**Tamping Rod.**

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42-4300

**150mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.**

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42-5300/10

**Set of 12 Abrasive Charges (ASTM).**

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45-3803

**Filter Discs Pack of 100**

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45-6310

**Compaction Mould**

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45-6410

**Compaction Pedestal BS 598**

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45-6460

**Compaction Hammer**

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45-6462

**Paper Discs**

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45-6463

**Steel Block**

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45-6810/01

**Marshall Test 50**

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78-0760

**Clamped Boss Load Ring - 28.0 kN**

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## Riffle Box 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 33 mm. EN recommended maximum particle size of 25 mm. Includes 8 slots each with a 50 mm slot width and an overall approximate capacity of 14 litres.

## Standards

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

## Specification

Recommended max particle size BS	33
Recommended max particle size EN	25
Slot width mm	50
No. of slots	8
Approx. capacity kg	14
Weight kg	22.5

## 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 38mm Slot Width Complete with Three Containers.

Code: [23-3200](#)



## Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



## Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



## 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](#)



## ASTM Metal Grooving Tool.

Code: [24-0453](#)

Product Group: [Casagrande Method](#)

## Standards

ASTM D4318



## 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](#)



## Gas Jar 75mm Dia X 300mm with Glass Cover and Rubber Bung.

Code: [24-2830](#)

Product Group: [Gas Jar Method](#)

1 litre capacity complete with rubber bung and glass cover.

## Standards

BS 1377, EN 1997-2

## Accessories



## Mechanical End-Over-End Shaker Ce

Code: [24-2854/01](#)



## Density Bottle 25ml.

Code: [24-2890](#)

Product Group: [Particle Density: Pyknometer Methods](#)

Supplied complete with capillary vent stopper.  
Gay-Lussac type.

## Standards

EN 1097-7, ASTM D854, AASHTO T100, ISO 3507

## Accessories



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)



## 50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)

## Alternatives



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)



## 50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)



## 50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)

Product Group: [Particle Density: Pyknometer Methods](#)

Supplied complete with capillary vent stopper.  
Conforms to BS 733, and ISO 3507. Gay-Lussac type.

## Standards

ASTM C128, AASHTO T84

## Accessories



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)



## Density Bottle 25ml.

Code: [24-2890](#)

## Alternatives



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)



## Density Bottle 25ml.

Code: [24-2890](#)



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)

Product Group: [Particle Density: Pyknometer Methods](#)

Supplied complete with capillary vent stopper.  
Gay-Lussac type.

## Standards

ASTM C128, AASHTO T84

## Accessories



## 50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)



## Density Bottle 25ml.

Code: [24-2890](#)

## Alternatives



## 50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)



## Density Bottle 25ml.

Code: [24-2890](#)



## Sand Equivalent Apparatus ASTM Aashto with Carrying Case.

Code: [24-4919](#)

Product Group: [Sand Equivalent Value](#), [Sand Equivalent Value](#)

Set Includes:

- 4 Plastic measuring cylinders
- 1 Carrying case
- 1 Weighted foot assembly
- 1 Irrigator tube
- 1 Rubber tubing complete with pinch clip
- 1 Funnel.

## Standards

ASTM D2419, AASHTO T176

## Accessories



## 5 Litre Syphon Assembly with Connection for 5mm Id Tubing.

Code: [24-4925](#)



## Calcium Chloride 2.5Kg.

Code: [24-4930](#)



## Formaldehyde 40% Aqueous Solution 2.5 Litre.

Code: [24-4932](#)



## Glycerol Analar 2.5 Litre

Code: [24-4934](#)



## 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 <sup>3</sup>
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.4 kg



## 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

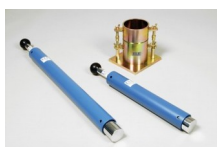
Hammer	2" diam. (50.8 mm); 5-1/2 lbs. (2.49 kg).
Drop	12 " (305 mm).
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight	4.1 kg (9 lbs)

## Accessories



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

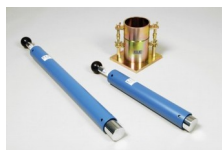
Code: [24-9010](#)

## Alternatives



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

Code: [24-9010](#)



## ASTM 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 <sup>3</sup>
Construction	All steel, threaded studs with wing nuts, plated.
Weight	8.2 kg



## 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 mm<sup>2</sup> (3 in<sup>2</sup>) 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



## Dial Gauge 25mm Travel X 0.01mm Divisions.

Code: [24-9275](#)

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

25 mm travel x 0.01 mm.



## Penetration Dial Gauge BS

Code: [24-9186](#)

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

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.

## Standards

BS 1377, BS 1924



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

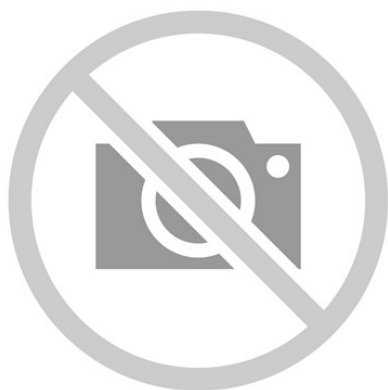
Code: [24-9188](#)

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



## C-Scanner for BS Cbr Mould. Two Required.

Code: [24-9208](#)

Product Group: [BS EN CBR mould acccessories](#)

To fit BS/EN CBR moulds and collars. Two required.

## Standards

BS 1377-4, BS 1924-2, EN 13286-4



## Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: [24-9220](#)

Product Group: [BS EN CBR mould accessories](#)

Box of 100.

## Standards

EN 13286-4, BS 1377-4, BS 1924-2

## Accessories



### BS Solid Base or Top Plate

Code: [24-9204](#)

## Alternatives



### BS Solid Base or Top Plate

Code: [24-9204](#)



## 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](#)

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### 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](#)



## 5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)

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

## Specification

Construction  
Finish

Machined steel.  
Plated.

## Accessories



## 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)

## Alternatives



## 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



## 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

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## Alternatives



## Electronic Digital Indicator, 1.0"/25.4 mm range

Code: 88-4220



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

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

Product Group: [CBR Load Frames](#)

- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

Designed for performing laboratory CBR tests to BS 1377, EN13286-47 and ASTM D1883, this bench mounting machine comprises a twin column frame incorporating a motorised drive system. Rapid adjustment of the platen is provided, which enables daylight to be taken up quickly and also close control of application of a seating load.

## Standards

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

## Specification

Dimensions (l x w x h)	550 x 400 x 1220 mm
Max vertical clearance	800 mm
Horizontal clearance	255 mm
Platen diameter	133 mm
Platen travel	105 mm
Weight kg	80

## Accessories



### 50kN Clamped Boss Load Ring

Code: [78-0860](#)



### 50kN S-type Load Cell

Code: [27-1559](#)



## ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)

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## BS Cbr Mould Body.

Code: [24-9198](#)

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## BS Extension Collar

Code: [24-9200](#)

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## BS Solid Base or Top Plate

Code: [24-9204](#)

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## Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)

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## 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](#)



## 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 50 kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/02](#)



## 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](#)



## MultiPlex 50 Load Frame

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



## 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](#)



## 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

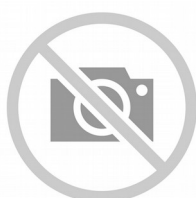
ASTM D1556, AASHTO T191

## Accessories



## 5 Litre Plastic Container for Sand Cone

Code: [29-4320](#)



## Density Plate for EL29-4300.

Code: [29-4340](#)



## Standard Sand - 600/300 $\mu$ m

Code: [82-7401](#)



## 5 Litre Plastic Container for Sand Cone

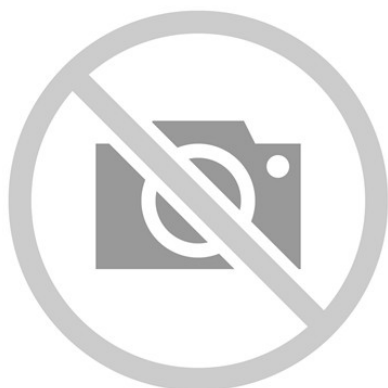
Code: [29-4320](#)

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

5 litre capacity for fitting to 29-4300

## Standards

ASTM D1556, AASHTO T191



## 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

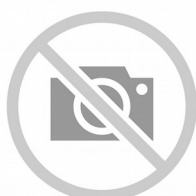
## Accessories



### Standard Sand - 600/300 $\mu\text{m}$

Code: [82-7401](#)

## Alternatives



### Standard Sand - 600/300 $\mu\text{m}$

Code: [82-7401](#)



## Slump Cone

Code: [34-0110](#)

Product Group: [Slump Test, Slump Cones](#)

Complies with EN 12350-2, ASTM C143 and AASHTO T119

## Standards

ASTM C143/C143M, ASTM C192, AASHTO T119

## Specification

Construction	Seamless, heavy-gauge spun steel; 0.45" (1.1 mm) min. Thickness.
Finish	Plated for rust and corrosion resistance.
Dimensions	100 mm top diam. X 200 mm bottom diam. (without foot pieces) x 300 mm h.
Weights	Net 5.5 lbs (2.5kg)

## Accessories



### 300 mm Stainless Steel Rule.

Code: [34-0140](#)



### Aluminium Scoop Large

Code: [81-0220](#)



## Base Plate for Slump Test.

Code: 34-0160

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## Cement Pan

Code: 34-0152

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## Graduated Tamping Rod

Code: 34-0132

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## Sample Tray - 1200 x 1160 x 50 mm

Code: 81-4230

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## Shovel - With flat blade

Code: 81-0240

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## Slump Cone Base

Code: 34-0150

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## Slump Cone Funnel

Code: [34-0180](#)



## Tamping Rod 16mm Dia X 600mm long hemispherical at both ends.

Code: [34-0130](#)

## Spares/Consumables



## Stopwatch

Code: [81-0521](#)

## Alternatives



## Metal Slump Cone - English

Code: [34-0108](#)



## **Tamping Rod 16mm Dia X 600mm long hemispherical at both ends.**

Code: [34-0130](#)

Product Group: [Precision Air Entrainment Meter, Slump Test, Accessories for Concrete Moulds](#)

Steel, 600 mm long x 16 mm dia, hemispherical at both ends.

Please note this item is not graduated.

## **Further Information**

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



## 300 mm Stainless Steel Rule.

Code: [34-0140](#)

Product Group: [Slump Test](#)

## Standards

EN 12350-2

## Further Information

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



## Slump Cone Funnel

Code: [34-0180](#)

Product Group: [Concrete Mixture Pre-Qualification](#),  
[Portable Slump Test Set](#), [Slump Test](#), [Slump Test Set](#),  
[Slump Cones](#)

## Standards

ASTM C143/C143M, ASTM C192, AASHTO T23, AASHTO T119, ASTM T126

## Accessories



## Slump Cone Base

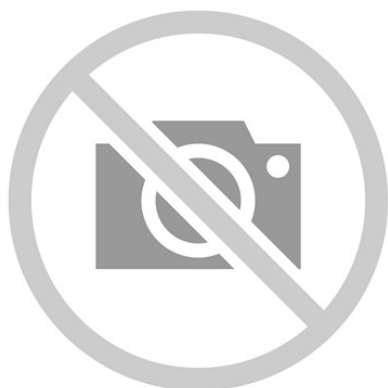
Code: [34-0150](#)

## Alternatives



## Slump Cone Base

Code: [34-0150](#)



## Flakiness Gauge.

Code: [42-0410](#)

Product Group: [Flakiness Sieves and Gauges](#)

Constructed of heavy gauge sheet steel to the dimensions specified in BS 812.

## Standards

BS 812

## Further Information

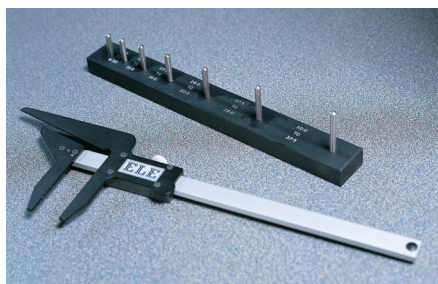
**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Alternatives



## Length Gauge

Code: [42-0820](#)



## Length Gauge

Code: [42-0820](#)

Product Group: [Elongation Index](#)

Manufactured to the dimensions specified in BS 182.

## Standards

BS 812-105

## Further Information

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

## Accessories



### 300mm Dia BS Sieve 10.0mm Perforated Plate.

Code: [79-2555](#)



### 300mm Dia BS Sieve 14.0mm Perforated Plate.

Code: [79-2575](#)



## 300mm Dia BS Sieve 20.0mm Perforated Plate.

Code: [79-2595](#)

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## 300mm Dia BS Sieve 28.0mm Perforated Plate.

Code: [79-2615](#)

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## 300mm Dia BS Sieve 37.5mm Perforated Plate.

Code: [79-2640](#)

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## 300mm Dia BS Sieve 45.0mm Perforated Plate

Code: [79-2650](#)

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## 300mm Dia BS Sieve 5.60mm Perforated Plate.

Code: [79-2520](#)

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## 300mm Dia BS Sieve 50.0mm Perforated Plate.

Code: [79-2655](#)

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## 300mm Dia BS Sieve 6.30mm Perforated Plate.

Code: [79-2525](#)

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## 300mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-2670](#)

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## 300mm Dia Lid.

Code: [79-2010](#)

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## 300mm Dia Receiver.

Code: [79-2020](#)

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## ELE Sieve Shaker

Code: [80-0200/01](#)

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## ELE Sieve Shaker

Code: [80-0200/06](#)

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## Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)

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## Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

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## Shovel - With flat blade

Code: [81-0240](#)

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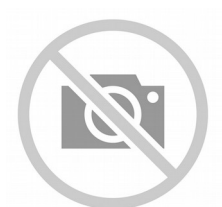
## Alternatives



## Air Jet Sieving Machine

Code: [80-0300/09](#)

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## Flakiness Gauge.

Code: [42-0410](#)

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## Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

Code: [42-0600](#)





## 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](#)

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## Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)

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## Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

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## Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> Capacity with 1.7mm Wire Mesh.

Code: [42-1005](#)



## Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> 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\*\***



## 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](#)

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## Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)

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## Sample Tray - 305 mm Diameter x 50 mm

Code: [81-4700](#)

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## Tamping Rod.

Code: [42-1720](#)

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## 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



## 150mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

Code: 42-4300

Product Group: [Aggregate Crushing Value \(ACV\) and Ten Percent Fines Value \(TFV\)](#)

Comprising of 150 mm nominal diameter steel cylinder, plunger and base plate supplied complete with metal measure and tamping rod.

## Standards

BS 812-112

## Further Information

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

## Accessories



## Tamping Rod 16mm Dia X 600mm long hemispherical at both ends.

Code: 34-0130

## Alternatives



## 75mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

Code: 42-4500



## 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



## Filter Discs Pack of 100

Code: [45-3803](#)

Product Group: [Asphalt Centrifuge Extractors](#)

248mm outer diameter with 44mm diameter hole.

## Standards

EN 12697-1, ASTM D2172, AASHTO T164

## Further Information

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



## Compaction Mould

Code: 45-6310

Product Group: Accessories for manual and automatic compaction, Asphalt Compaction Mould

Comprising of mould body, baseplate and combined filling/extraction collar.

## Standards

EN 12697-30, ASTM D6926, AASHTO T245

## Specification

Construction	Machined seamless steel forming mold; base and collar.
Finish	Plated for rust resistance.
Dimensions	4" (101.6 mm) i.d. x 3" (76.2 mm) internal h. with base.
Weight	Net 6 lbs. (2.7 kg).



## Compaction Pedestal BS 598

Code: [45-6410](#)

Product Group: [Manual Compaction](#)

Comprising a 300 mm sq x 25 mm thick steel plate complete with 4 tie rods and securing nuts. A mould clamp and hammer guide are fitted to the plate. The unit is supplied complete with a laminated hardwood block.

## Standards

EN 12697-30

## Further Information

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



## Compaction Hammer

Code: [45-6460](#)

Product Group: [Manual Compaction, Stability](#)  
[Compaction Hammer](#)

Satisfies BS 598. The hammer has a 4535 g sliding weight with a free fall of 457 mm.

## Standards

EN 12697-30, ASTM D6926, AASHTO T245

## Specification

Tamping Face	3-7/8" (98 mm) diam.
Hammer	10 lb. (4.54 kg).
Drop	18" (457 mm).
Construction	Machined steel; cast aluminum handle.
Weight	Net 16 lbs. (7.2 kg).



## Paper Discs

Code: [45-6462](#)

Product Group: [Filter Paper Discs, Accessories for manual and automatic compaction](#)

Non-absorbent, 99 mm diameter, pack of 100.

## Standards

EN 12697-30

## Specification

Weight

Net 2.9 oz. (82 g).



## Steel Block

Code: [45-6463](#)

Product Group: [Accessories for manual and automatic compaction](#)

100 mm diameter x 50 mm height. For heating the compaction hammer foot.

## Standards

EN 12697-30

## Further Information

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

## Accessories



### Water Bath

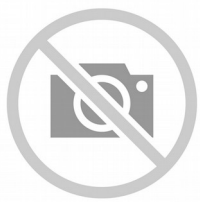
Code: [45-6490/01](#)

## Spares/Consumables



### Baseplate

Code: [45-6310/11](#)



## Compaction Mould Body

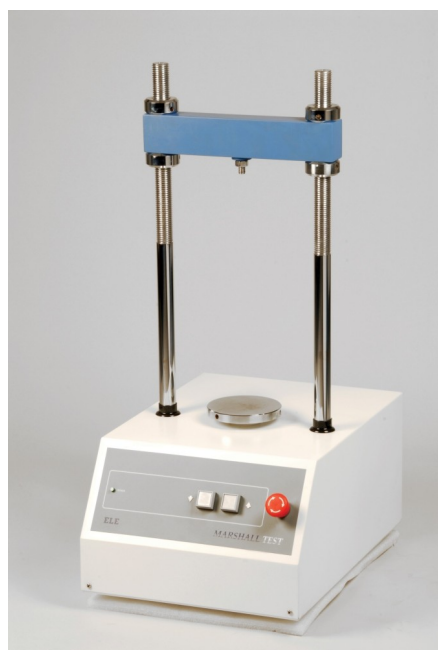
Code: [45-6310/10](#)

## Alternatives



## Water Bath

Code: [45-6490/01](#)



## Marshall Test 50

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

Product Group: [Marshall Load Frames](#)

- Geared screwjack and motor drive
- Precise speed
- Internal limit switch for both directions of travel
- Easy to use controls

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on a bench top, requiring only a power point. It has been designed for simple operation, is easy to clean and requires minimum maintenance.

## Standards

EN 12697-34

## Further Information

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

Load frame, 50 kN capacity. Supplied without Breaking Head. For 220 - 240 V AC, 50 Hz, 1 ph.

## Accessories



### 250 Asphalt Probe

Code: [47-0202/10](#)



### 30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



## 50kN Clamped Boss Load Ring

Code: [78-0860](#)



## 50kN S-type Load Cell

Code: [27-1559](#)



## Breaking Head (Marshall)

Code: [45-6850](#)



## Flow Meter BS/EN

Code: [45-6880](#)

## Alternatives



## Digital Asphalt Thermometer

Code: [47-0202](#)



## DSU Electronic Readout and Control System 110 V AC 60 Hz

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



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

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

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## **Proctor/Core Cutter Extruder Frame and Hydraulic Jack. Extrudes 100mm/4 Inch Diameter Specimens**

Code: [23-4200](#)



## 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](#)

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## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)

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## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)

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## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)

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## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

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

Code: [78-0764](#)