



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

This wishlist was generated on 08/09/2016, and contains the following Products:

24-9150/01

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

78-0860

50kN Load Measuring Ring

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Penetration Piston

24-9184

Penetration/Swell Dial Gauge ASTM.

24-9228

ASTM Cbr Mould Complete with Collar & Perforated Base

24-9236

ASTM Cutting Collar.

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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.

24-9245

5 Lb. Annular Surcharge Weight ASTM.

24-9250

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

24-9260

Swell Plate

24-9262

Swell Stand

24-9188

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



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



50kN Load Measuring Ring

Code: [78-0860](#)

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

Calibrated in compression.

Standards

EN 12697-34

Specification

Capacity: kN, kgf, lbf	50.0, 5000, 11,200
Typical Design sensitivity: N/div, kgf/div, lbf/div	45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Value of CBR	Above 40%
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	17.4 lbs.(7.9 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)



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



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



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).



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).



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).



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)

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



5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)

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

Specification

Construction

Machined steel.

Finish

Plated.



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)

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

Specification

Construction

Machined steel.

Finish

Plated.



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. (22 7 g).



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).

Spares/Consumables



Dial Indicator - 1.0" Range

Code: [88-4100](#)



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