



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

This wishlist was generated on 22/06/2017, and contains the following Products:

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24-9150/01

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

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24-9182

**Penetration Piston**

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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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24-9214

**2Kg Annular Surcharge Weight**

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78-0760

**Clamped Boss Load Ring - 28.0 kN**

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24-9198

**BS Cbr Mould Body.**

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24-9200

**BS Extension Collar**

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24-9204

**BS Solid Base or Top Plate**

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81-0521

**Stopwatch**

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27-1559

**50kN S-type Load Cell**

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27-1705

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

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## 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 & Perforated Base

Code: [24-9228](#)

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## BS Cbr Mould Body.

Code: [24-9198](#)

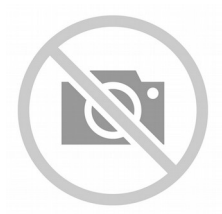
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## BS Extension Collar

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: [24-9150/06](#)



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

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



## MultiPlex 50 Load Frame

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





## 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 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



## 2Kg Annular Surcharge Weight

Code: [24-9214](#)

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

## 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](#)



## 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](#)



## BS Cbr Mould Body.

Code: [24-9198](#)

Product Group: [BS EN CBR mould, Accessories for BS compaction and CBR](#)

## Standards

ASTM D1883, AASHTO T193

## Specification

Mould	152 x 127 mm (inside diameter x height)
Collar	51 mm height, fits both ends of mould
Base plate	Solid, fits both ends of mould
Construction	All steel, plated
Weight kg	7.3





## BS Extension Collar

Code: [24-9200](#)

Product Group: [BS EN CBR mould accessories](#),  
[Accessories for BS compaction and CBR](#)

## Standards

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



## BS Solid Base or Top Plate

Code: [24-9204](#)

Product Group: [BS EN CBR mould accessories](#),  
[Accessories for BS compaction and CBR](#)

## Standards

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

## Accessories



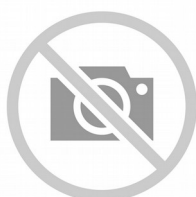
### 2Kg Annular Surcharge Weight

Code: [24-9214](#)



### Base Plate Tool for BS Mould

Code: [24-9210](#)



### BS Perforated Base Plate.

Code: [24-9202](#)



## **Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.**

Code: [24-9206](#)



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

Code: [24-9220](#)

### **Alternatives**



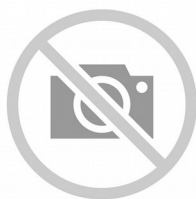
## **2Kg Annular Surcharge Weight**

Code: [24-9214](#)



## **Base Plate Tool for BS Mould**

Code: [24-9210](#)



## **BS Perforated Base Plate.**

Code: [24-9202](#)



## **Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.**

Code: [24-9206](#)



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

Code: [24-9220](#)



## Stopwatch

Code: [81-0521](#)

Product Group: [Watches and Clocks](#)

## Further Information

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

## Specification

Dimensions (mm)

64 x 53 x 19



## 50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Load Measurement](#), [Electronic Instrumentation](#), [Force measurement](#), [Electronic Instrumentation](#)

Maximum working capacity of 50 kN and excitation 10 V ac/dc with an output of 2.7 mV/V nominal.  
Aluminium alloy and stainless steel construction with IP65 environmental protection.

## Standards

EN 12697-34

## Further Information

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

## Accessories



## Breaking Head (Marshall)

Code: [45-6850](#)



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

Code: [27-1551](#)

## Alternatives



## Breaking Head (Marshall)

Code: [45-6850](#)



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

Code: [27-1551](#)





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

Code: [27-1705](#)

Product Group: [Penetration Measurement](#),  
[Penetration Measurement](#)

- Ideally suited for use with GDU for accurate displacement measurements
- Models available for use in consolidation, shear, CBR and triaxial test applications
- Supplied complete with mounting hardware for specified products

Displacement Transducers are used in consolidation, shear, CBR and triaxial test applications for accurate displacement measurements. They are supplied complete with a 5-pin DIN type connector for direct connection to the GDU.

## Specification

Construction	Fully encapsulated electronics, sealed in a stainless steel case
Excitation	14 V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45