



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

This wishlist was generated on 11/05/2017, and contains the following Products:

46-4605

BS/EN Ring and Ball Apparatus

46-4825/01

Magnetic Stirrer

82-5272

Thermometer

82-5274

Thermometer

45-3855/01

Reflux Extractor (4000 gram)

45-3857

Filter Paper

46-5295/01

Semi-Automatic Penetrometer

46-5340/C

Penetration Needle

46-5500/01

Constant Temperature Bath 21 - 56°C

46-5800

Transfer Dish

46-5860

Penetration Tin

46-5861

Penetration Tin

24-9090/01

Automatic Soil Compactor BS 220-240V 50Hz 1Ph.

24-9000

BS Standard Compaction Mould 1000Cm Capacity.

Contents

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24-9198

BS Cbr Mould Body.

24-9200

BS Extension Collar

24-9204

BS Solid Base or Top Plate

29-3720

Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

47-5175

Compact Core Drill

47-5565

Core Barrel 100 mm

47-5605

Core Barrel 150 mm



BS/EN Ring and Ball Apparatus

Code: [46-4605](#)

Product Group: [Ring and Ball Apparatus](#)

With 2 shouldered pattern rings, 2 ball-centring guides and 2 balls. The apparatus has a support frame and is retained in a heat resistant container.

Standards

EN 1427, BS 2000-58, UNI 4161, UNE 7111, DIN 52011, NFT66-008, AASHTO T53, ASTM D36, BS 2000

Further Information

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

Accessories



Magnetic Stirrer

Code: [46-4825/01](#)



Thermometer

Code: [82-5274](#)



Thermometer

Code: [82-5272](#)



Magnetic Stirrer

Code: [46-4825/01](#)

Product Group: [Ring and Ball Apparatus](#)

Utilises a rotating magnetic field to induce variable speed stirring action. A built-in regulating transformer provides fine temperature control of liquid up to a maximum temperature of +150°C. The unit is suitable for use with the Ring and Ball Apparatus.

Standards

EN 1427, BS 2000-58

Further Information

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



Thermometer

Code: [82-5272](#)

Product Group: [Ring and Ball Apparatus, Non Hazardous Glass Thermometers](#)

Mercury-free with a range of -10.0°C to + 210.0°C and graduated every 1°C. Immersion up to 76 mm

Standards

EN 1427, BS 2000-58

Further Information

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



Thermometer

Code: [82-5274](#)

Product Group: [Ring and Ball Apparatus, Non Hazardous Glass Thermometers](#)

Mercury-free with a range of -10.0°C to + 210.0°C and graduated every 1°C. Total immersion possible.

Standards

EN 1427, BS 2000-58

Further Information

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



Reflux Extractor (4000 gram)

Code: [45-3855/01](#)

Product Group: [Reflux Extraction](#)

- 4000 gram capacity
- Glass jar for visual observations
- Thermostatically controlled hot plate

The 4000 gram capacity of the Reflux Extractor provides higher accuracy for acceptance testing procedures. This extractor has two cone type screens holding 2000 grams each. The unit consists of two cone screens, water condenser, pyrex reflux jar, a thermostatically controlled hot plate and a supply of filter paper.

Standards

ASTM D2172, AASHTO T164

Further Information

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

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

Accessories



Filter Paper

Code: [45-3857](#)



Filter Paper

Code: [45-3857](#)

Product Group: [Reflux Extraction](#)

Filter papers for 4000 gram capacity reflux extractor.
Coarse-textured at grade 617 and 40 cm diameter.

Standards

ASTM D2172, AASHTO T164

Further Information

Pack of 50.



Semi-Automatic Penetrometer

Code: [46-5295/01](#)

Product Group: [Penetration Test](#)

As 46-5290 but incorporates Digital Automatic Controller which releases the needle assembly. The time set is displayed by a bright, easy to read display.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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

Accessories



Constant Temperature Bath 21 - 56°C

Code: [46-5500/01](#)



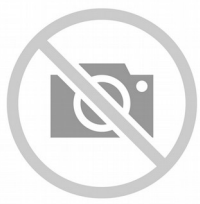
Penetration Needle

Code: [46-5360/10](#)



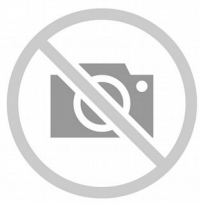
Penetration Needle

Code: [46-5340/C](#)



Penetration Tin

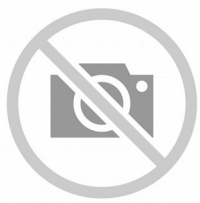
Code: [46-5861](#)



Transfer Dish

Code: [46-5800](#)

Spares/Consumables



ASTM (Non-Certified) Penetration Needle

Code: [46-5290/10](#)



Penetration Needle

Code: [46-5340/C](#)

Product Group: [Penetration Test](#)

Hardened steel, supplied with an UKAS verification certificate. For testing to BS 2000-49 and ASTM D5. (Pack contains 1 needle only).

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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



Constant Temperature Bath 21 - 56°C

Code: [46-5500/01](#)

Product Group: [Penetration Test](#)

A bench mounting bath specially designed for the conditioning of bitumen samples prior to penetration tests. Incorporating a highly accurate thermostat, the bath maintains a temperature between 21 and 56°C \pm 0.1°C (at ambient). An integral cover and deep tray for penetration testing are supplied as standard.

Further Information

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



Transfer Dish

Code: [46-5800](#)

Product Group: [Bitumen Penetration Test](#), [Asphalt Penetrometer](#), [Penetration Test](#)

For use with ELE Penetrometer 46-5295.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49



Penetration Tin

Code: [46-5860](#)

Product Group: [Penetration Test](#)

For penetrations between 200 and 350,
approximately 70 mm diameter x 45 mm deep.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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



Penetration Tin

Code: [46-5861](#)

Product Group: [Penetration Test](#)

For penetrations below 200, approximately 55 mm diameter x 35 mm deep.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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



Automatic Soil Compactor BS 220-240V 50Hz 1Ph.

Code: [24-9090/01](#)

Product Group: [Automatic Compactors](#)

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. An selectable rammer with 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 BS1377. Voltage 220-240V 50hz 1ph.

Standards

BS 1377, EN 13286-2, EN 13286-47

Specification

Dimensions (l x w x h)	430 x 240 x 1400 mm
Rammer BS/EN	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	150

Accessories



BS Cbr Mould Body.

Code: [24-9198](#)



BS Extension Collar

Code: [24-9200](#)



BS Solid Base or Top Plate

Code: [24-9204](#)



BS Standard Compaction Mould 1000Cm Capacity.

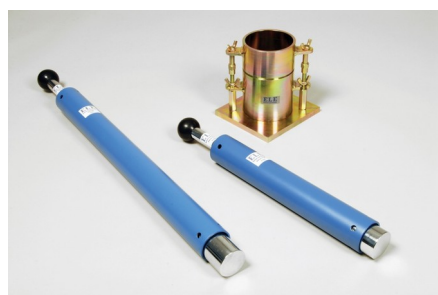
Code: [24-9000](#)

Alternatives



Automatic Soil Compactor BS 220-240V 60Hz 1Ph.

Code: [24-9090/06](#)



BS Standard Compaction Mould 1000Cm Capacity.

Code: 24-9000

Product Group: BS/EN compaction test 2.5kg,
Accessories for BS compaction and CBR

Plated steel standard compaction mould to BS 1377, comprising of a collar mould body and base plate with quick release wing nuts for easy dismantling.

Standards

BS 1377-4, BS 1924-2

Specification

Mould volume	1 litre
Dimensions	105 mm dia x 115.4 mm high
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.5 kg



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



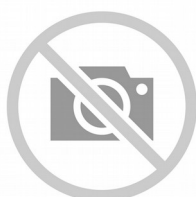
2Kg Annular Surcharge Weight

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](#)



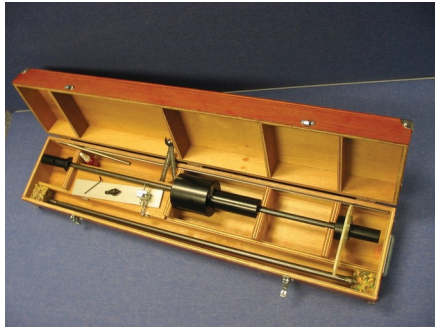
Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.

Code: [24-9206](#)



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

Code: [24-9220](#)



Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

Code: [29-3720](#)

Product Group: [In-situ Testing](#)

The TRL (Transport Research Laboratory) Dynamic Cone Penetrometer (DCP) is used for rapid in-situ measurement of the structural properties of existing road pavement constructed with unbound materials. The unit incorporates an 8 kg weight with a drop of 575 mm, and a 20 mm diameter cone fitted to the end of the shaft, allowing measurements to be made down to a depth of approximately 850 mm.

Readings are usually taken after a set number of blows, changing the number according to the strength of the layer being penetrated. For good granular bases, readings every five to ten blows are satisfactory, but for weaker sub-base layers and subgrades, readings every one to two blows may be appropriate.

The DCP requires three operators, one to hold the instrument in a vertical position, one to raise the hammer and let it fall and one to record the results. A typical test takes only a few minutes, providing a very efficient method of obtaining information which would otherwise require the excavation of test pits. Where pavement layers have different strengths, boundaries can be identified and layer thickness determined.

Further Information

Supplied complete with all necessary tools, assembly and operating instructions.

Spares/Consumables



Spare Cone for Dynamic Cone Penetrometer.

Code: [29-3720/10](#)



Compact Core Drill

Code: 47-5175

Product Group: Compact Core Drill Machine

This compact and portable core drilling machine is designed to cut cores up to 150 mm diameter from concrete, asphalt and similar hard construction material.

The machine comprises a vertical support column which carries the drill head/motor assembly.

An integral water swivel is built into the drill head providing a 12 mm connection to an external water supply via 12 mm flexible hose (not supplied). The motor assembly comprises a 4 hp, 2-stroke petrol engine. Speeds of 800 rpm or 1200 rpm may be selected. A ball screw mechanism enables close control over drilling pressure and rapid return when drilling is completed.

The complete assembly is supplied on a rigid metal base frame with levelling facility and is suitable for vertically down drilling applications only.

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

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

Special Note: Requires a continuous clean water supply via a 12 mm flexible hose (not supplied).



Core Barrel 100 mm

Code: [47-5565](#)

Product Group: [Core Barrels](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

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



Core Barrel 150 mm

Code: [47-5605](#)

Product Group: [Core Barrels](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104

Further Information

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