



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

This wishlist was generated on 24/03/2017, and contains the following Products:

46-5290/10

ASTM (Non-Certified) Penetration Needle

81-3060

Sample Container - Tinned Steel 10 litres

23-3150

Riffle Box 25mm Slot Width Complete with Three Containers.

23-3200

Riffle Box 38mm Slot Width Complete with Three Containers.

82-1880

Measuring Cylinder - Plastic 500 ml

78-1215/01

50 Litre Drying Oven

78-0135/01

425 Litre Drying Oven

82-5274

Thermometer

23-4250

Cbr/Core Cutter Extruder Frame and Hydraulic Jack Extrudes 150mm/6 Inch Diameter Specimens.

81-0094

Support Assembly

81-4020

Sample Tray - 306 x 306 x 38 mm

81-4030

Sample Tray - 406 x 406 x 50 mm

81-4080

Sample Tray - 610 x 610 x 63 mm

42-4000

Aggregate Impact Value Apparatus Complete with 16mm Dia X 600mm Long Rod

525-180/01

Laboratory Conductivity Meter with Conductivity Cell Swing Arm Electrode Holder and Manual.

47-0455/01

Vibrating Hammer

46-5290

Standard Penetrometer

46-5340/C

Penetration Needle

46-5500/01

Constant Temperature Bath 21 - 56°C

46-5800

Transfer Dish

46-5860

Penetration Tin

23-3100

Riffle Box 19mm Slot Width Complete with Three Containers.

81-0100

Spatula 100 mm

79-0010

200 mm Diameter Lid

79-0020

200 mm Diameter Receiver

79-2010

300mm Dia Lid.

79-2020

300mm Dia Receiver.

29-4100

150mm Sand Pouring Cylinder.

29-4120

150mm Calibrating Container 150mm Id X deep with 250mm dia rim.

29-4140

Metal Tray 300mm Sq X 40mm deep with a 150mm dia hole.

81-2979

Moisture Content Tin

78-2950/01

Hotplate

500-144

Levelling staff, 4m

29-3720

Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

81-0310

Trowel - Gardeners type

81-0335

Trowel - Gauging

29-5040

Club hammer

24-9070

ASTM/Modified Proctor Compaction Rammer 4.5Kg.

24-9063

ASTM Compaction Rammer 2.5Kg.

24-9010

Straight Edge 300mm.



ASTM (Non-Certified) Penetration Needle

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

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

Accessories



ASTM (NIST Certified) Penetration Needle

Code: [46-5297](#)



Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)

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

Further Information

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



Riffle Box 25mm Slot Width Complete with Three Containers.

Code: [23-3150](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 16.5 mm. EN recommended maximum particle size of 12.5 mm. Includes 10 slots each with a 25 mm slot width and an overall approximate capacity of 4 litres.

Standards

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

Specification

Recommended max particle size BS	16.5
Recommended max particle size EN	12.5
Slot width mm	25
No. of slots	10
Approx. capacity kg	4
Weight kg	11.5

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 30mm Slot Width Complete with Three Containers.

Code: [23-3170](#)



Riffle Box 38mm Slot Width Complete with Three Containers.

Code: [23-3200](#)



Riffle Box 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



Riffle Box 38mm Slot Width Complete with Three Containers.

Code: 23-3200

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 25 mm. EN recommended maximum particle size of 19 mm. Includes 8 slots each with a 38 mm slot width and an overall approximate capacity of 11 litres.

Standards

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

Specification

Recommended max particle size BS	25
Recommended max particle size EN	19
Slot width mm	38
No. of slots	8
Approx. capacity kg	11
Weight kg	17.5

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 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



Measuring Cylinder - Plastic 500 ml

Code: [82-1880](#)

Product Group: [Measuring Cylinders, BS](#)

Plastic with spout, graduated to BS 5404.

Further Information

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



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](#)



425 Litre Drying Oven

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

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104, BS 1377

Specification

Capacity	425 litres
External Dimensions (l x w x h)	790 x 1350 x 670 mm
Internal Dimensions (l x w x h)	640 x 920 x 760 mm
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	4
Shelf positions	5
Weight	120 kg

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](#)



50 Litre Drying Oven

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



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****



Cbr/Core Cutter Extruder Frame and Hydraulic Jack Extrudes 150mm/6 Inch Diameter Specimens.

Code: [23-4250](#)

Product Group: [Soil Extruders](#)

Comprises a frame and hydraulic jack with adaptor plate supplied. Extrudes samples from BS CBR Mould and ASTM CBR Mould.

Standards

BS 1377-1

Accessories



Adaptor Plate for 23-4250 to Extrude 100mm/4 Inch Diameter and Marshall Specimens.

Code: [23-4300](#)

Alternatives



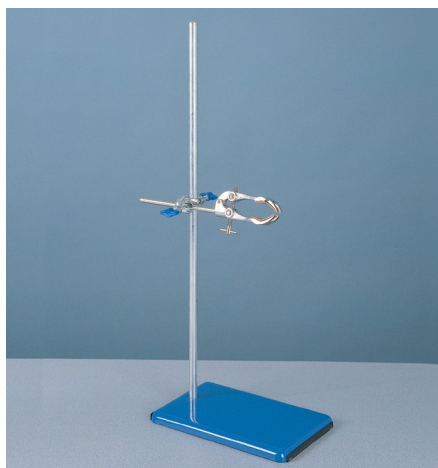
38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

Code: [23-4090](#)



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

Code: 23-4200



Support Assembly

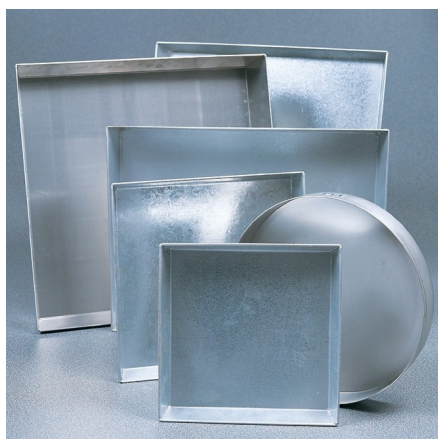
Code: [81-0094](#)

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

- Retort stand and clamp for general purpose

Further Information

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



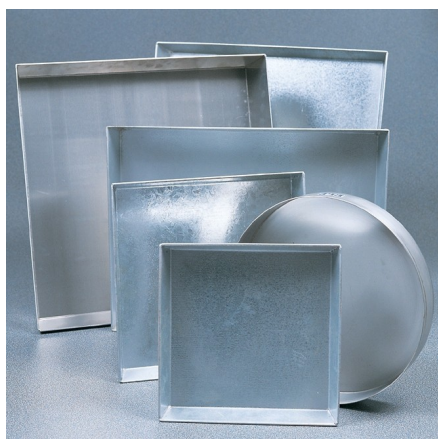
Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

Product Group: [Sample Trays](#)

Further Information

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



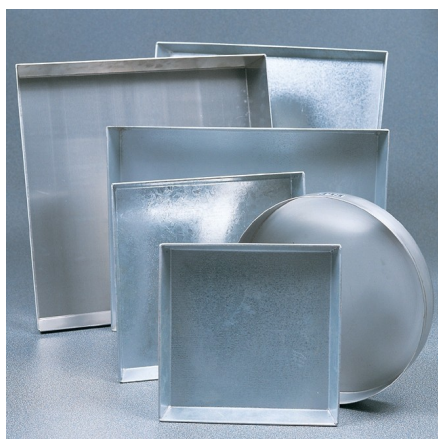
Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

Product Group: [Sample Trays](#)

Further Information

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



Sample Tray - 610 x 610 x 63 mm

Code: [81-4080](#)

Product Group: [Sample Trays](#)

Further Information

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



Aggregate Impact Value Apparatus Complete with 16mm Dia X 600mm Long Rod

Code: [42-4000](#)

Product Group: [Aggregate Impact Value \(AIV\)](#)

Heavy duty construction, heavily plated assembly ensures corrosion resistance.

Standards

BS 812-112

Further Information

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



Laboratory Conductivity Meter with Conductivity Cell Swing Arm Electrode Holder and Manual.

Code: [525-180/01](#)

Product Group: [General laboratory instrumentation](#)

This laboratory conductivity meter is a versatile unit which utilises the best of modern technology to simplify operation without sacrificing accuracy or reliability. With push button operation and a customised liquid crystal display, determination of conductivity and TDS can readily be achieved with the minimum of operator training.

The meter includes a 32 reading memory facility. Remote monitoring and data collection is facilitated by the provision of both analogue and digital outputs and in the event of power removal all user defined parameters are retained.

Further Information

Supplied complete with probe holder and conductivity level (K=1) and full operating instructions.

Spares/Consumables



Conductivity Cell K=1.

Code: [525-180/10](#)



Vibrating Hammer

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

Product Group: [Percentage Refusal Density \(PRD\)](#)

Accessory - suitable for compacting asphalt samples.

Standards

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

Further Information

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

Accessories



250 Asphalt Probe

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



300 mm Shank

Code: [47-0480](#)



Cradle

Code: [34-8105](#)



Engineer's Steel Rule

Code: [81-0805](#)



Filter Paper - Medium

Code: [82-7901](#)



Paraffin Wax

Code: [82-7031](#)



Spatula 200 mm

Code: [81-0140](#)



Vernier Caliper (LCD) Range 0 to 200mm X 0.01mm

Code: [81-0590](#)

Alternatives



250 Asphalt Probe

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



300 mm Shank

Code: [47-0480](#)



Cradle

Code: [34-8105](#)



Engineer's Steel Rule

Code: [81-0805](#)



Filter Paper - Medium

Code: [82-7901](#)



Paraffin Wax

Code: [82-7031](#)



Spatula 200 mm

Code: [81-0140](#)



Vernier Caliper (LCD) Range 0 to 200mm X 0.01mm

Code: [81-0590](#)



Standard Penetrometer

Code: 46-5290

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

Penetration readings are quickly taken using this simple to operate apparatus. The 150 mm diameter dial is graduated in 400 divisions of 0.1 mm. Supplied without needles and penetration tins.

Standards

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

Further Information

Model shown with sample container; not included, order separately.

Specification

Dial Indicator	6" (150 mm) diam.; 400 mm x 0.1 mm.
Plunger Weight	47.5 g.
Needle	ASTM Style (non-certified); one included.
Plunger Release Weight	Manual mechanism. Net 18 lbs. (8.2 kg).

Accessories



ASTM (NIST Certified) Penetration Needle

Code: 46-5297



Constant Temperature Bath 21 - 56°C

Code: 46-5500/01



Penetration Needle

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



Penetration Tin

Code: [46-5860](#)



Penetration Tin

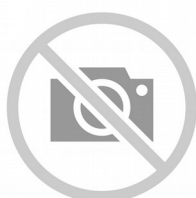
Code: [46-5861](#)



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****



Riffle Box 19mm Slot Width Complete with Three Containers.

Code: [23-3100](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 12.5 mm. EN recommended maximum particle size of 9.5 mm. Includes 10 slots each with a 19 mm slot width and an overall approximate capacity of 4 litres.

Standards

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

Specification

Recommended max particle size BS	12.5
Recommended max particle size EN	9.5
Slot width mm	19
No. of slots	10
Approx. capacity kg	4
Weight kg	9

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 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 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

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



200 mm Diameter Lid

Code: 79-0010

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

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



200 mm Diameter Receiver

Code: 79-0020

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

NOT AVAILABLE FOR SALE IN THE USA



300mm Dia Lid.

Code: 79-2010

Product Group: Sieve Lids and Receivers ISO and BS, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

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



300mm Dia Receiver.

Code: 79-2020

Product Group: Sieve Lids and Receivers ISO and BS, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

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



150mm Sand Pouring Cylinder.

Code: [29-4100](#)

Product Group: [Sand Replacement](#)

Standards

BS 1377, BS 1924



150mm Calibrating Container 150mm Id X deep with 250mm dia rim.

Code: [29-4120](#)

Product Group: [Sand Replacement](#)

Standards

BS 1377, BS 1924



Metal Tray 300mm Sq X 40mm deep with a 150mm dia hole.

Code: [29-4140](#)

Product Group: [Sand Replacement](#)

Standards

BS 1377, BS 1924



Moisture Content Tin

Code: [81-2979](#)

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

Further Information

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



Hotplate

Code: [78-2950/01](#)

Product Group: [Hotplate](#)

Further Information

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

Specification

Construction	Cast-iron top and base ventilated sheet-steel body
Nominal diameter	200 mm
Maximum temperature	500°C
Rated power	2000 W
Weight	5 kg



Levelling staff, 4m

Code: [500-144](#)

Product Group: [Surveying Equipment](#)

Aluminium 4 section telescopic.

Accessories



Levelling staff, 5m

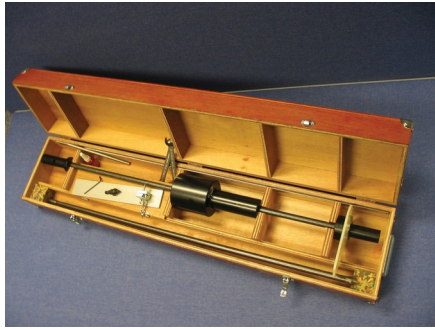
Code: [500-145](#)

Alternatives



Levelling staff, 5m

Code: [500-145](#)



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](#)



Trowel - Gardeners type

Code: [81-0310](#)

Product Group: [Trowels and Floats](#)

Further Information

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



Trowel - Gauging

Code: [81-0335](#)

Product Group: [Trowels and Floats](#)

Further Information

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

Accessories



Extensibility of Mould Apparatus BS

Code: [38-3200](#)



Le Chatelier Water Bath

Code: [38-3420/01](#)

Alternatives



Extensibility of Mould Apparatus BS

Code: [38-3200](#)



Le Chatelier Water Bath

Code: 38-3420/01



Club hammer

Code: [29-5040](#)

Product Group: [Permeability](#)

Steel head and strong wooden shaft



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](#)



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.

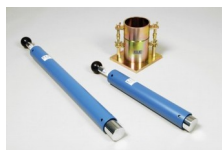
Code: [24-9010](#)

Alternatives



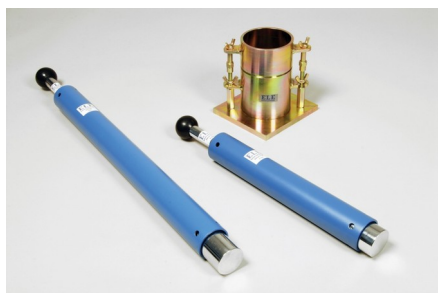
ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



Straight Edge 300mm.

Code: [24-9010](#)



Straight Edge 300mm.

Code: [24-9010](#)

Product Group: [BS/EN compaction test 4.5kg, Proctor compaction, Straightedge](#)

300 mm

Standards

BS 1377-4, BS 1924-2, ASTM D698, ASTM D1557, AASHTO T99, EN 13286-2, EN 13286-4, ASTM D1883, AASHTO T193, ASTM D558, ASTM D559, ASTM D560, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Specification

Construction	Flat ground tool steel; beveled edge.
Dimensions	L x W x T (300mm x 40mm x 6mm).
Weight	550g

Accessories



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Alternatives



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)