



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

This wishlist was generated on 12/09/2018, and contains the following Products:

77-0115

Digital Point Load Test Apparatus.

77-0115/10

Set of Cones for Digital Point Load Tester

79-5070

8in Dia ASTM Sieve 2.0mm Stainless Steel Mesh.

29-4320

5 Litre Plastic Container for Sand Cone

23-3170

Riffle Box 30mm Slot Width Complete with Three Containers.

79-5260

8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

24-9063

ASTM Compaction Rammer 2.5Kg.

24-9070

ASTM/Modified Proctor Compaction Rammer 4.5Kg.

24-9060

Proctor Mould

23-3500

Rubber Headed Pestle.

23-1577

38mm Diameter Sample Tube 230mm Long Complete with End Caps.

25-3650

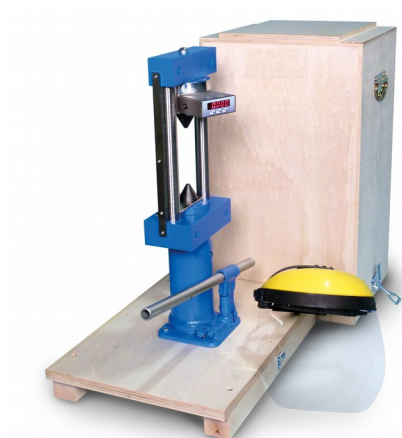
Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

24-9182

Penetration Piston

24-9188

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



Digital Point Load Test Apparatus.

Code: 77-0115

Product Group: [Digital Point Load Tester](#), [Point-Load Strength Test](#)

Originally developed at Imperial College, London, the apparatus comprises a two-column fixed crosshead frame and a hand operated hydraulic jack.

Pressure applied by the jack extends the piston carrying the lower conical point. The upper point is fixed to the crosshead with a scale mounted on the frame to provide specimen diameter information for use in point load strength index calculations. Pressure is indicated directly on the digital readout unit. Loads up to 55 kN can be applied to specimens as large as 101.6 mm in diameter.

The apparatus is supplied complete with heavy-duty face mask.

Standards

EN DD ENV 1997-2, ASTM D5731

Specification

Capacity	55 kN
Maximum sample size	101.6 mm
Load range	0 to 55 kN x 0.001 kN
Weight	25 kg
Capacity	13 ,000 lbf. (55 kN).
Specimen Size	4" (101.6 mm) maximum.
Load Range	0-13 ,000 lbf. (55 kN) x 0.2 lbf. (0.001 kN).
Weight	Net 60 lbs. (27.2 kg).

Accessories



European Plug Adapter

Code: 77-0115/12

Spares/Consumables



Set of Cones for Digital Point Load Tester

Code: [77-0115/10](#)

Alternatives



Rock Classification Hammer

Code: [77-0470](#)



Set of Cones for Digital Point Load Tester

Code: [77-0115/10](#)

Product Group: [Digital Point Load Tester](#)

Further Information

Set of Two (Upper and Lower)



8in Dia ASTM Sieve 2.0mm Stainless Steel Mesh.

Code: 79-5070

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 10
Sieve Opening Standard	2.00 mm
Sieve Opening Alternative (in.)	0.0787



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



Riffle Box 30mm Slot Width Complete with Three Containers.

Code: [23-3170](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 20 mm. EN recommended maximum particle size of 15 mm. Includes 10 slots each with a 30 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	20
Recommended max particle size EN	15
Slot width mm	30
No. of slots	10
Approx. capacity kg	4
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 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](#)



8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

Code: 79-5260

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	No. 200
Sieve Opening Standard	75 um
Sieve Opening Alternative (in.)	0.0029



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/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](#)



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 ³
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.4 kg



Rubber Headed Pestle.

Code: [23-3500](#)

Product Group: [Sample Reduction](#)

Specially made for gently grinding soils without breaking the individual particles. Suitable for BS 1377, 1924; ASTM D421; AASHTO T87.

Standards

BS 1377, BS 1924, ASTM D421, AASHTO T87

Alternatives



Mortar and Pestle Porcelain.

Code: [23-3505](#)



38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)

Product Group: [Extension Rods, Handles and Tools](#)

Supplied without Adaptor, but with two end caps



Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

Code: [25-3650](#)

Product Group: [Unconfined Compression Tester, Hand-Operated](#)

Unconfined Compression Platens

Standards

ASTM D2166, AASHTO T208, BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193



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.



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