



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

This wishlist was generated on 05/10/2016, and contains the following Products:

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Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

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Clamped Boss Load Ring - 2.0 kN

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Set of Weights 50 kg Slotted.

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29-4320

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29-4340

Density Plate for EL29-4300.

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Standard Sand - 600/300 µm

79-1680

200mm Dia BS Sieve 75.0mm Perforated Plate.

79-1670

200mm Dia BS Sieve 63.0mm Perforated Plate.

79-1630

200mm Dia BS Sieve 31.5mm Perforated Plate.

79-1580

200mm Dia BS Sieve 16.0mm Perforated Plate.

79-1540

200mm Dia BS Sieve 8.00mm Perforated Plate.

79-1500

200mm Dia BS Sieve 4.00mm Perforated Plate.

79-0270

200mm Dia BS Sieve 2.00mm Stainless Steel Mesh.

79-0230

200mm Dia BS Sieve 1.00mm Stainless Steel Mesh.

79-0190

200mm Dia BS Sieve 500Mic Stainless Steel Mesh.

Contents

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+44 (0) 01525 249 200



79-0150

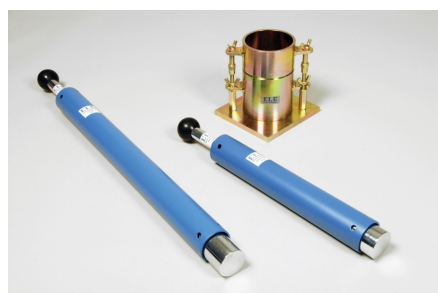
200mm Dia BS Sieve 250Mic Stainless Steel Mesh.

79-0110

200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

79-0070

200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.



BS Compaction Rammer 4.5Kg Wt.

Code: [24-9004](#)

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

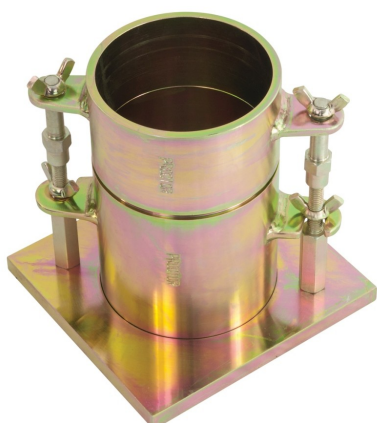
50mm diameter with 450mm drop, manufactured from corrosion protected steel.

Standards

BS 1377-4, BS 1924-2

Specification

Rammer	50 mm dia, 4.5 kg
Drop	450 mm
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight kg	7.5



Proctor Mould

Code: 24-9060

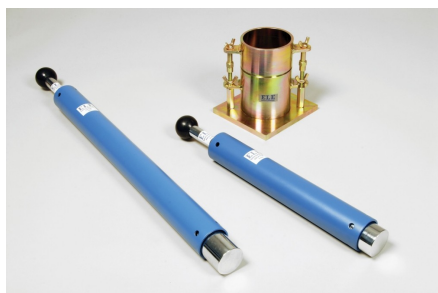
Product Group: Accessories for ASTM and Proctor compaction, Proctor compaction

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



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	12 " l. x 1-1/4" w. x 1/8" thick (305 x 32 x 3 mm).
Weight	Net 9 oz. (255 g).



Constant Head Permeability Cell 75mm Diameter Specimen.

Code: [25-0580](#)

Product Group: [Constant Head Apparatus](#)

75 mm Diameter

Standards

BS 1377-5

Specification

Nominal Cell inside diameter	75 mm
Cell wall	Transparent plastic
Take-off points	3
End plates	Anodised aluminium
Weight kg	2.6



Manometer Tubes & Stand.

Code: [25-0591](#)

Product Group: [Constant Head Apparatus](#)

Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel. Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel.

Standards

BS 1377-5



Constant Level Tank.

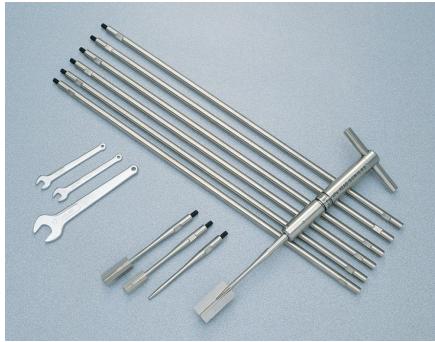
Code: [25-0593](#)

Product Group: [Constant Head Apparatus](#)

Manufactured from transparent plastic with attachment for wall mounting. The inlet, outlet and overflow pipes are fitted to the base of the tank and can be adjusted for height within the tank. Supplied complete with connecting tubing.

Standards

BS 1377-5



H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.

Code: [26-3335](#)

Product Group: [Inspection Vane](#)

This instrument is an essential tool for civil engineers involved in site investigation work. The unit is supplied in kit form with a carrying case incorporating the measuring head, extension rods, vanes, etc. The measuring head comprises a T-handle that is spring-loaded against the extension rod adaptor. Weight 3 kg.

Further Information

Range 0 to 260 kPa, in carrying case with 6 x 0.5 metre extension rods, 3 vanes, dummy vane and tools. Supplied complete with Calibration Certificate.

Spares/Consumables



H605 Extension Rod 0.5M and connection piece

Code: [26-3335/11](#)



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: 26-2114/01

Product Group: Direct/Residual Shear Apparatus,
Direct/Residual Shear Apparatus

- Microprocessor control
- Large on-board LCD screen display
- Direct entry via touch sensitive keyboard
- Rapid approach and return to start datum
- Fully variable speed, 0.00001 to 9.99999 mm/minute
- Accepts specimens up to 100 mm square

The ELE Direct Shear Apparatus accepts specimens 60 mm, 100 mm square or 2.5 inches in diameter. The use of a microprocessor controlled drive system and keyboard entry gives the apparatus a wide range of features that include pause and speed reset during test, RS 232C interface, operator programming of speed and control functions, self test diagnostics and many other features. A return to start datum provides a positive means of reversing the shearbox when either preparing for a new test or continuing with residual testing procedures.

Safety forward/reverse travel limit switches are fitted as standard and monitored through the electronics system control.

The electronics are housed in a modern moulded shroud, which includes a large LCD display and keyboard entry. The apparatus is enclosed in a robustly constructed case, has been designed for floor mounting and is supplied complete with carriage, loading hanger and 10:1 lever loading device.

Standards

ASTM D3080, AASHTO T236, BS 1377, EN 1997-2

Further Information

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

Specification

Sample Size

Accepts either 2.42", 2.5" diam.; 60 mm square samples using accessory shear box assemblies, not included.

Speed Range

Variable in either English or Metric units

Shear Force	between 0.000001"
Vertical Load	(0.00001 mm) to 0.399999"
	(9.99999 mm) per minute.
	1,000 lbf. (4.5 kN) maximum.
	2,200 lbf. (10.0 kN) using 10:1 lever ratio.
Dimensions	44.7" l. x 12 .6" w. x 49.6" h.
	(1,135 x 320 x 1,260 mm).
Weight	Net 181 lbs. (82 kg).

Spares/Consumables



Dial Indicator - 1.0" Range

Code: [88-4100](#)



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



Vertical Dial Indicator, English

Code: [25-0445](#)



Clamped Boss Load Ring - 2.0 kN

Code: 78-0060

Product Group: Clamped Boss Load Rings, Digital
Tritest 50 Load Frame, Direct/Residual Shear
Apparatus, Proving Rings, Force measurement,
Measurement of Load (Shear Stress)

Standards

BS 1377, ASTM D3080

Specification

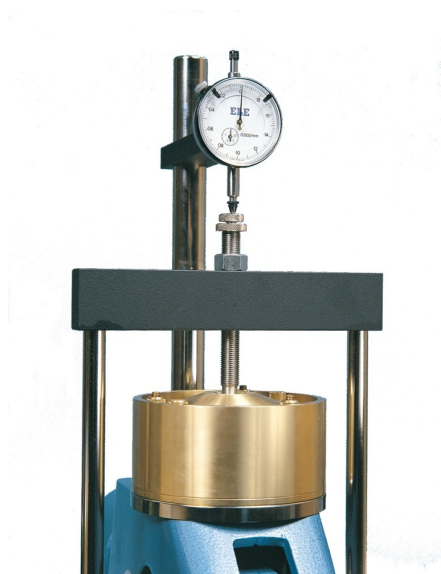
Capacity: kN, kgf, lbf	2.0, 200, 450
Typical Design sensitivity: N/div, kgf/div, lbf/div	1.3, 0.13, 0.30
Overall height mm	248
Approx weight kg	3.2
Capacity - lbf	450
Capacity - kN	2
Capacity - kgf	200
Typical Design Sensitivity - lbf/div	0.3
Typical Design Sensitivity - kN/div	1.3
Typical Design Sensitivity - Kgf/div	0.13
Overall Height	9.76" (248 mm)
Approx Weight	7 lbs. (3.2 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: [25-0440](#)

Product Group: [Direct/Residual Shear Apparatus](#),
[Measurement of Horizontal and Vertical Movement](#),
[Vertical settlement measurement](#)

Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



Vertical Dial Indicator, English

Code: [25-0445](#)



Set of Weights 50 kg Slotted.

Code: [26-2132](#)

Product Group: [Application of Normal Stress](#)

Normal stress is applied to the specimen through the lever loading device and the appropriate slotted weights



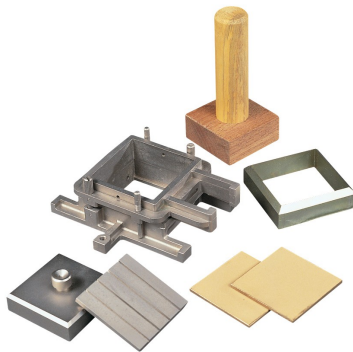
Dial Gauge

Code: [83-5456](#)

Product Group: [Measurement of Horizontal and Vertical Movement, Dial Gauges](#)

Specification

Diameter mm	57
Travel mm	10
Grad. Mm	0.01
Scale	RH
Anvil	Ball
Back type	A



Specimen Cutter 60mm Sq.

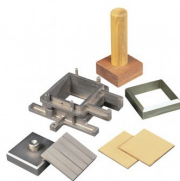
Code: [26-2185](#)

Product Group: [Shear Box Assemblies](#), [Shear Box Assemblies](#)

Standards

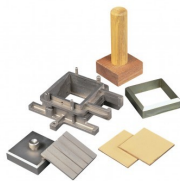
ASTM D3080, AASHTO T236

Spares/Consumables



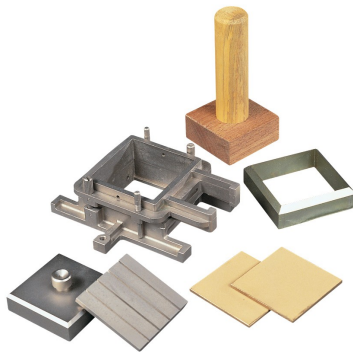
Specimen Cutter 100mmsq.

Code: [26-2201](#)



Specimen Cutter 2.5 Inch Diameter.

Code: [26-2217](#)



Specimen Extrusion Tool 60 mm sq.

Code: [26-2189](#)

Product Group: [Shear Box Assemblies](#), [Shear Box Assemblies](#)

Standards

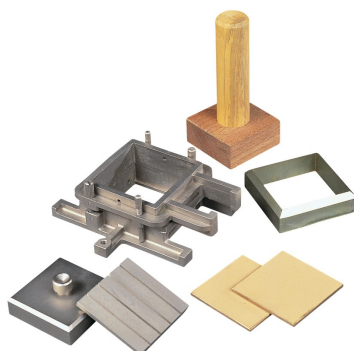
ASTM D3080, AASHTO T236

Spares/Consumables



Specimen Extrusion Tool 2.5 Inch Diameter.

Code: [26-2221](#)



Shear Box Assembly 60mm Sq.

Code: [26-2181](#)

Product Group: [Shear Box Assemblies](#), [Shear Box Assemblies](#)

- Manufactured from corrosion resistant materials
- Sample size 60 x 60mm x 25mm high meeting BS 1377
- Incorporates PTFE faced box separation screws to reduce friction
- Supplied complete with upper and lower porous plates and loading pad
- Suitable for quick undrained or drained/residual tests

Standards

BS 1377, EN 1997-2, ASTM D3080, AASHTO T236

Further Information

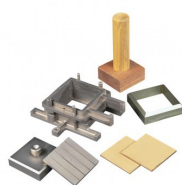
All shearbox assemblies are designed to fit the carriage of 26-2114 series Digital Direct/Residual Shear Apparatus. They are supplied complete with three porous plates, one retaining plate and a loading pad. The three sizes supplied comply with the relevant requirements of BS 1377 and ASTM D3080. All assemblies can be used for quick shear tests or drained/residual shear tests.

Optional accessories are available including specimen cutters and extrusion tools.

Specification

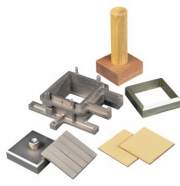
Specimen area	60 x 60 mm
Specimen thickness	25 mm
Weight kg	2
Relevant standard	BS 1377

Spares/Consumables



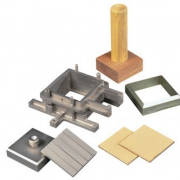
Porous Plate 60mm Sq.

Code: [26-2181/10](#)



Specimen Cutter 60mm Sq.

Code: 26-2185



Specimen Extrusion Tool 60 mm sq.

Code: 26-2189



6 Inch (152mm) Sand Cone.

Code: [29-4300](#)

Product Group: [Sand Cone 6"](#)

Comprising two cones with a shutter mechanism.
Supplied without sand container.

Standards

ASTM D1556, AASHTO T191



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



Density Plate for EL29-4300.

Code: [29-4340](#)

Product Group: [Sand Cone 6"](#)

For 6 inch sand cone. The plate has a 6.5 inch diameter recessed hole to locate the sand cone.

Standards

ASTM D1556, AASHTO T191



Standard Sand - 600/300 μm

Code: [82-7401](#)

Product Group: [Chemicals, Test and Reference Materials, Sand Cone 6"](#)

Fraction C. No hazard. 20 kg.

Further Information

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



200mm Dia BS Sieve 75.0mm Perforated Plate.

Code: 79-1680

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 63.0mm Perforated Plate.

Code: 79-1670

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 31.5mm Perforated Plate.

Code: 79-1630

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 16.0mm Perforated Plate.

Code: 79-1580

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 8.00mm Perforated Plate.

Code: 79-1540

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 4.00mm Perforated Plate.

Code: 79-1500

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, EN933-2, ISO 565

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 2.00mm Stainless Steel Mesh.

Code: [79-0270](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, EN933-2, ISO 565

Further Information

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



200mm Dia BS Sieve 1.00mm Stainless Steel Mesh.

Code: [79-0230](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 500Mic Stainless Steel Mesh.

Code: 79-0190

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, EN933-2, ISO 565

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 250Mic Stainless Steel Mesh.

Code: [79-0150](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

Code: 79-0110

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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