



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

This wishlist was generated on 19/08/2017, and contains the following Products:

24-9095/02

Automatic Soil Compactor ASTM 110-120V 60Hz 1Ph

2600E

6" (152 mm) Sand Cone Apparatus

88-1104/02

Ohaus Electronic Balance - 35,000 g Capacity

88-0166/01

Forced Convected Oven - 27 cu. ft. capacity - 240v

34-0192

Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

34-4570

150mm Cube Mould 4-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

79-7025

Wet Washing Sieve - 8" diam. x 8-1/2" h. x 8" depth to mesh (203 x 216 x 203 mm).

79-6060

12in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

79-6020

12in Dia ASTM Sieve 150Mic Stainless Steel Mesh.

34-0152

Cement Pan

81-4080

Sample Tray - 610 x 610 x 63 mm

81-4030

Sample Tray - 406 x 406 x 50 mm

23-4250

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

23-4200

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

35-1500

Advanced SilverSchmidt Concrete Test Hammer

24-4867/01

Hydrometer Jar Bath 220vAC

24-4650

Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

34-6575/01

Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

82-5270

Non Hazardous Glass Thermometers -1 - +51°C

82-0140

Beaker - 250 ml

24-4145

Sodium Hexametaphosphate 500G.

24-4125/01

High Speed Stirrer Complete with Paddle Cup & Baffle. 220-240V 50/60Hz 1Ph.

78-5527/01

Electronic Balance - 32 000 g x 1.0 g

78-5655/01

Electronic Balance - 75 Kg x 5.0g

34-3592/02

Laboratory Concrete Mixer

82-8020/01

Distilled Water Still

42-0600

Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

42-0820

Length Gauge

42-3050

Sodium Hydroxide Solution

82-7171

Sodium Sulphate

45-6750/24

100mm filter papers (pack of 100)

24-9250

Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

24-9220

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

81-0508

Heat-Resistent Gloves, With Gauntlet

24-9150/01

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

26-2114/01

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

25-0402

Consolidation Frame One Dimensional Consolidation Incremental Loading Device.



Automatic Soil Compactor ASTM 110-120V 60Hz 1Ph

Code: [24-9095/02](#)

Product Group: [Automatic Compactors](#), [Automatic Soil Compactor](#)

Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

Specification

Hammer	Circular faced, 2.0" (50.8 mm) dia. foot; selectable to either 5.5 lb.(2.5 kg) or 10 lb. (4.5 kg) weight.
Drop	Adjustable to either 12 " (305 mm) or 18" (457 mm)
Controls	Digital counter system, selector switch for either standard proctor test or modified proctor/CBR testing.
Dimensions	10" w. x 17" d. x 55 " h. (250 x 430 x 1,400 mm).
Weight	Net 41.9 lbs. (190 kg).

Accessories



ASTM Compaction Mould 152mm.

Code: [24-9066](#)



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)



Proctor Mould

Code: [24-9060](#)

Spares/Consumables



Lead Cylinders

Code: [24-9095/13](#)



Modified Compaction Mould

Code: [24-9098](#)



Standard Compaction Mould

Code: [24-9097](#)

Alternatives



Automatic Soils Compactor ASTM 220-240V 50Hz 1Ph.

Code: [24-9095/01](#)



Automatic Soils Compactor ASTM 220-240V 60Hz 1Ph.

Code: [24-9095/06](#)



6" (152 mm) Sand Cone Apparatus

Code: [2600E](#)

Product Group: [6" \(152 mm\) Sand Cone Density Method](#)

Set Includes:

EI29-4302. Sand Density Cone x 1
EI29-4292/10. Replacement Sand Jug x 2
EI29-4342. Field Density Plate x 1
EI29-4355. Bags, Density Sand x 2
EI88-7700. Spoon x 1
EI88-7960. Steel Chisel x 1
EI88-7940. Rubber Mallet x 1
EI88-7300. Scoop x 1
EI88-7042. Field Cans x 12
EI88-1600 Field Scale x 1

Standards

ASTM D1556, AASHTO T191

Further Information

Drying oven required for density testing; not included, order separately.



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)

Product Group: [Ohaus Series Electronic Balances](#)

Further Information

100-240V, 50/60 Hz.

Specification

Maximum Capacity	35000 g
Readability	0.5 g
Internal Calibration	NO
Pan Size (in/cm)	11.0 x 14.9 in / 28.0 x 37.7 cm
Dimensions w x h x d (in/cm)	14.9 x 18.4 x 5.0 in / 37 x 46.7 x 12.8 cm
Shipping Wt. (lb/kg)	24 lb / 10.6 kg

Alternatives



High Capacity Electronic Balance

Code: [88-1094/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1034/02](#)



Forced Convected Oven - 27 cu. ft. capacity - 240v

Code: [88-0166/01](#)

Product Group: [Forced Convected Ovens](#)

240vAC, 50/60 Hz, 1Ø, 16.4 amps.

Alternatives



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 115V

Code: [88-0140/02](#)



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 230V

Code: [88-0140/01](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 115vAC

Code: [88-0130/02](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 230vAC

Code: [88-0130/01](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 115vAC

Code: [88-0220/02](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 230vAC

Code: [88-0220/01](#)



Double Wall Laboratory Oven - 0.7 cu. Ft. Capacity - 115vAC

Code: [88-0200/02](#)



Double Wall Laboratory Oven - 2.0 cu. Ft. Capacity - 115vAC

Code: [88-0210/02](#)



Forced Convected Oven - 18 cu. ft. capacity - 240V

Code: [88-0161/01](#)



Forced Convection Oven - 6.9 cu. ft. capacity - 120V

Code: [88-0156/02](#)



Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

Code: [34-0192](#)

Product Group: [Slump Test](#)

BS and ASTM comprising of slump cone, base plate, steel rule, tamping rod and funnel.

Further Information

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

Accessories



Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



Shovel - With flat blade

Code: [81-0240](#)

Spares/Consumables



Stopwatch

Code: [81-0521](#)



150mm Cube Mould 4-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

Code: [34-4570](#)

Product Group: [Cube Moulds](#), [Cube Moulds](#)

4-part with clamp attached base plate.

Standards

BS 1881-108, EN 12390-1, EN 12390-2

Specification

Construction	Bolted sides and clamped base plate
Finish	Painted
Weight	42 lb (19.1 kg)

Accessories



Aluminium Scoop Large

Code: [81-0220](#)



Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



Float - Plasterer's type

Code: [81-0340](#)



Mould Oil (25 Litre Drum)

Code: [82-7341](#)



Wire Brush

Code: [81-0705](#)

Spares/Consumables



Soft Headed Mallet.

Code: [29-5020](#)

Alternatives



Vibrating Table 600 X 400mm Table Top. 220-240V 50Hz 1Ph. Supplied with clamping assembly

Code: [34-6250/01](#)



Wet Washing Sieve - 8" diam. x 8-1/2" h. x 8" depth to mesh (203 x 216 x 203 mm).

Code: 79-7025

Product Group: Wet Washing Sieves

Standards

ASTM E11

Specification

Frame	Brass
Mesh	Stainless steel.
Weight	Net 6 lbs. (2.7 kg)

Alternatives



Wet Washing Sieve - 3" diam. x 3-1/2" h. x 3" depth to mesh (76 x 89 x 76 mm).

Code: 79-7010



Wet Washing Sieve - 8" diam. x 4-1/2" h. x 4" depth to mesh (203 x 114 x 102 mm).

Code: 79-7015



Wet Washing Sieve - 8" diam. x 4-1/2" h. x 4" depth to mesh (203 x 114 x 102 mm). With No. 35 back-u

Code: 79-7020



Wet Washing Sieve - 8" diam. x 8-1/2" h. x 8" depth to mesh (203 x 216 x 203 mm). With No. 35 back-u

Code: 79-7030



12in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

Code: 79-6060

Product Group: U.S. Standard Testing Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 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 4 lbs. (1.8 kg).
Sieve Size or Number	No. 200
Sieve Opening Standard	75 um
Sieve Opening Alternative (in.)	0.0029



12in Dia ASTM Sieve 150Mic Stainless Steel Mesh.

Code: 79-6020

Product Group: U.S. Standard Testing Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 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 4 lbs. (1.8 kg).
Sieve Size or Number	No. 100
Sieve Opening Standard	150 μ m
Sieve Opening Alternative (in.)	0.0059



Cement Pan

Code: [34-0152](#)

Product Group: [Slump Cones, Mixing Pans and Bowls](#)

Standards

ASTM C143/C143M, ASTM C192, AASHTO T23, AASHTO T119, ASTM T126

Accessories



Slump Cone Base

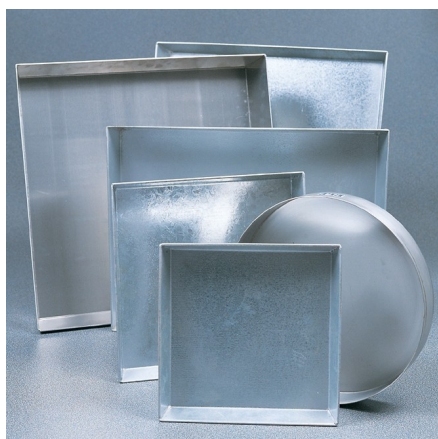
Code: [34-0150](#)

Alternatives



Slump Cone Base

Code: [34-0150](#)



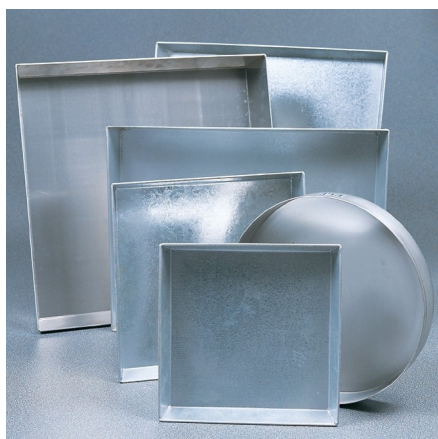
Sample Tray - 610 x 610 x 63 mm

Code: [81-4080](#)

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****



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



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

Code: 23-4200

Product Group: [Soil Extruders, Accessories for manual and automatic compaction](#)

Adaptor plates will be supplied; extrudes samples from BS Compaction Mould, Proctor Mould 100 mm, Core Cutter and Marshall Mould. Maximum extrusion force 20kn.

Standards

BS 1377-1

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Accessories

Steel Block

Code: 45-6463



Alternatives



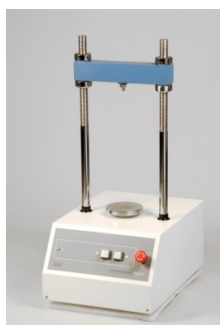
38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

Code: [23-4090](#)



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

Code: [23-4250](#)



Marshall Test 50

Code: [45-6810/01](#)



Marshall Test 50

Code: [45-6810/06](#)



Advanced SilverSchmidt Concrete Test Hammer

Code: 35-1500

Product Group: Surface Hardness

The SilverSchmidt ST/PC is the first integrated concrete test hammer featuring true rebound value and unmatched repeatability.

Two factors contribute to the improved performance of this concrete test hammer over its predecessors:

- Velocity based detection of the rebound quotient
- The lightweight hybrid design of the impact plunger is made from aerospace alloy, matched to the elastic properties of the concrete and equipped with a hardness steel cap

Independent validation testing by BAM (Federal Institute for Materials Research and Testing, Germany) has shown the SilverSchmidt ST/PC to have less dispersion than the classical concrete test hammer over the entire range.

The unique design and high quality construction of the concrete test hammer SilverSchmidt ST/PC makes rebound hammer testing quicker and more accurate than ever before.

NOT AVAILABLE FOR SALE IN THE USA

Further Information

- The SilverSchmidt ST/PC concrete test hammer combines a high measurement accuracy with an unmatched repeatability.
- The rebound value requires no angular correction
- The concrete test hammer offers customer conversion curves for a wide range of compressive concrete strengths, including low f_c (<10 N/mm², 1'450 psi) and high strength concrete (up to 100 N/mm², 14'500 psi)
- A large number of measurement points can be easily collected by the concrete test hammer and automatically evaluated according to statistical data
- The concrete test hammer offers automatic conversion to the required measurement unit (MPa,



N/mm², kg/cm², psi)

Specification

Technical Data	Silver Schmidt
Impact Energy	2.207 Nm
Hammer Mass	135 g
Spring Constant	0.79 N/mm
Spring Extension	75 mm (2.95")
Dimensions	55 x 55 x 255 mm (2.16" x 2.16" x 9.84")
Concrete Compressive Strengths	10-100 N/mm ² (1450-14500 psi)
Weight	570 g (1.4 lb)



Hydrometer Jar Bath 220vAC

Code: [24-4867/01](#)

Product Group: [Hydrometer Jar Bath](#)

Standards

ASTM D422, AASHTO T88

Further Information

220vAC, 50/60 Hz, 1Ø.

Specification

Capacity	8 hydrometer jars.
Construction	Stainless steel tank; enamel finish exterior.
Jar Support	Stainless steel grid.
Temperature Range	Ambient to 60Â°C (140Â°F).
Sensitivity	Â±0.2Â°C at 20Â°C (68Â°F).
Circulating System	Drive pump with motor.
Heating System	Immersion type; 700 watt heater in stainless steel mixing chamber.
Plumbing Ports	Overflow; Drain; Inflow and outflow for cooling system.
Inside Dimensions	37â w x 8â d x 16â h (939 x 203 x 406 mm)
Outside Dimensions	48 â w x 11 â d x 19â h (1,219 x 279 x 483 mm)
Weight	Net 90 lbs. (41 kg).

Alternatives



Hydrometer Jar Bath 110vAC

Code: [24-4867/02](#)



Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

Code: [24-4650](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

Graduated 0.995 to 1.038 g/ml.

Standards

ASTM D422, ASTM E100, AASHTO T88

Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).

Alternatives



Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

Code: [24-4620](#)



Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

Code: [24-4640](#)



Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

Code: [34-6575/01](#)

Product Group: [Expansion \(swell\) Test Equipment, Large Curing Tank](#)

This Large Curing Tank is supplied complete with a submersible pump, immersion heater/thermostat unit and separate control panel. The tank includes a lower rack as standard and is designed to maintain the temperature at $20 \pm 2^{\circ}\text{C}$, providing that the ambient temperature does not fall below 15°C or rise above 20°C .

Standards

EN 12390-2, ASTM C31, AASHTO T23

Further Information

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

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

Specification

Internal Dimensions	1040 x 1040 x 605 mm (l x w x h)
Capacity	650 litres
Rated Power	2000 watt
Weight	60 kg

Accessories



Maximum and Minimum Thermometer

Code: [82-5310](#)

Alternatives



Jolting Table 220 - 240 V AC 60 Hz

Code: [39-1150/06](#)



Non Hazardous Glass Thermometers -1 - +51°C

Code: [82-5270](#)

Product Group: [Non Hazardous Glass Thermometers](#)

0.1°C divisions + total immersion

Further Information

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



Beaker - 250 ml

Code: [82-0140](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

Further Information

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



Sodium Hexametaphosphate 500G.

Code: [24-4145](#)

Product Group: [Sodium Hexametaphosphate,](#)
[Mechanical Analysis Stirrer](#)

Standards

ASTM D422, AASHTO T88, ASTM E100

Spares/Consumables



Solid Rubber Stopper

Code: [4699-0881](#)



High Speed Stirrer Complete with Paddle Cup & Baffle. 220-240V 50/60Hz 1Ph.

Code: [24-4125/01](#)

Product Group: [Mechanical Analysis Stirrer](#)

Compact bench top stirrer used for dispersing soil samples in water. Supplied complete with mixing paddle and dispersion cup with baffle. Beaker position maintained by column retainer.

Standards

BS 1377, ASTM D422, AASHTO T88

Accessories



Sodium Hexametaphosphate 500G.

Code: [24-4145](#)

Spares/Consumables



Mixing Paddle for 24-4125 Series High Speed Stirrer

Code: [24-4125/10](#)



Soil Dispersion Cup & Baffle.

Code: [24-4125/11](#)



Electronic Balance - 32 000 g x 1.0 g

Code: [78-5527/01](#)

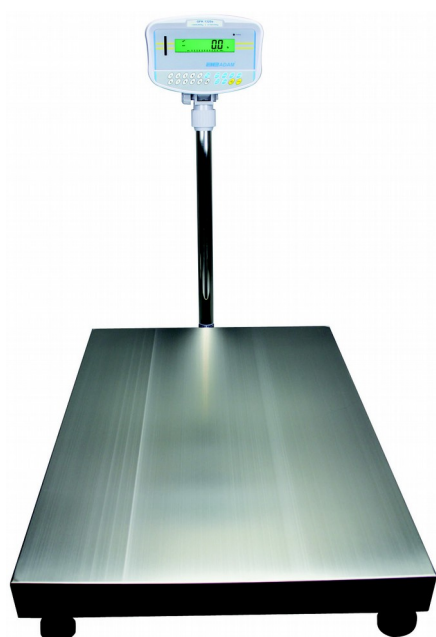
Product Group: [Electronic Balances](#)

Further Information

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

Specification

Capacity resolution	32000 g x 1.0 g
Pan size	225 x 275 mm
Mains and battery	Yes
Dimensions (w x d x h)	315 x 355 x 110 mm
Weight	6 kg
Weighing units	g, kg, lb, lb:oz, oz
Repeatability	1 g
Power supply	230AC, 50/60Hz, 10 watts



Electronic Balance - 75 Kg x 5.0g

Code: [78-5655/01](#)

Product Group: [Electronic Balances](#)

Further Information

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

Specification

Capacity resolution	75 kg x 5g
Pan size	400 x 500 mm
Mains and battery	Yes
Dimensions (w x d x h)	400 x 590 x 972 mm
Weight	28 kg
Weighing units	g, kg, lb, lb:oz, oz, N



Laboratory Concrete Mixer

Code: [34-3592/02](#)

Product Group: [Laboratory Concrete Mixer](#)

Electric motor and hand tow kit included.

Further Information

110vAC, 60 Hz, 1Ø.

Specification

Mixing Capacity	3 cu. Ft. (85 litres)
Drum Capacity	5-1/2 cu. Ft. (156 litres)
Motor	1/3 h.p
Dimensions	41" l x 26" w x 55" h (1041 x 660 x 1,397)
Weight	Shpg. 300 lbs (145 kg)



Distilled Water Still

Code: [82-8020/01](#)

Product Group: [Distilled Water Still](#)

Further Information

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

Specification

Dimensions (l x w x h)	590 x 530 x 940 mm
Boiling chamber	Glass
Condenser	Borosilicate glass
Output	3.5 litres/hr when permanently connected to water supply
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power	2.75 kW
Weight	12 kg



Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

Code: [42-0600](#)

Product Group: [Flakiness Sieves and Gauges](#)

Comprising of 1 each, 4.9 mm, 7.2 mm, 10.2 mm,
14.4 mm, 19.7 mm, 26.3 mm and 33.9 mm.

Standards

BS 813

Further Information

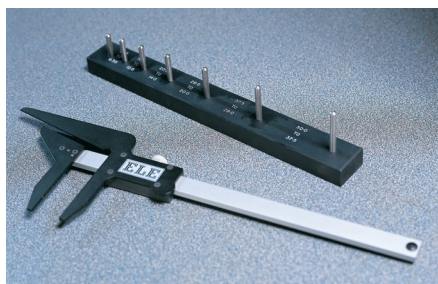
****NOT AVAILABLE FOR SALE IN THE USA****

Alternatives



Length Gauge

Code: [42-0820](#)



Length Gauge

Code: [42-0820](#)

Product Group: [Elongation Index](#)

Manufactured to the dimensions specified in BS 182.

Standards

BS 812-105

Further Information

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

Accessories



300mm Dia BS Sieve 10.0mm Perforated Plate.

Code: [79-2555](#)



300mm Dia BS Sieve 14.0mm Perforated Plate.

Code: [79-2575](#)



300mm Dia BS Sieve 20.0mm Perforated Plate.

Code: [79-2595](#)



300mm Dia BS Sieve 28.0mm Perforated Plate.

Code: [79-2615](#)



300mm Dia BS Sieve 37.5mm Perforated Plate.

Code: [79-2640](#)



300mm Dia BS Sieve 45.0mm Perforated Plate

Code: [79-2650](#)



300mm Dia BS Sieve 5.60mm Perforated Plate.

Code: [79-2520](#)



300mm Dia BS Sieve 50.0mm Perforated Plate.

Code: [79-2655](#)



300mm Dia BS Sieve 6.30mm Perforated Plate.

Code: [79-2525](#)



300mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-2670](#)



300mm Dia Lid.

Code: [79-2010](#)



300mm Dia Receiver.

Code: [79-2020](#)



Air Jet Sieving Machine

Code: [80-0300/09](#)



ELE Sieve Shaker

Code: [80-0200/01](#)



ELE Sieve Shaker

Code: [80-0200/06](#)



Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



Sample Tray - 406 x 406 x 50 mm

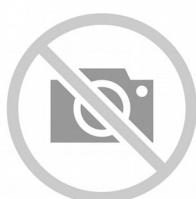
Code: [81-4030](#)



Shovel - With flat blade

Code: [81-0240](#)

Alternatives



Flakiness Gauge.

Code: [42-0410](#)



Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

Code: [42-0600](#)



Sodium Hydroxide Solution

Code: 42-3050

Product Group: Organic Impurities Test, Sodium Hydroxide Solution

3% sodium hydroxide solution

Standards

ASTM C40, AASHTO T21

Specification

Solution

3% sodium hydroxide; 97% water; one pint plastic bottle.

Weight

Net 1-1/2 lbs. (0.6 kg).

Accessories



Colour Standard to ASTM C40

Code: 42-3040



Sodium Sulphate

Code: [82-7171](#)

Product Group: [Chemicals, Test and Reference Materials](#)

Anhydrous. No hazard. 3 kg

Further Information

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



100mm filter papers (pack of 100)

Code: [45-6750/24](#)

Product Group: [Moulds for Gyratory Compactors](#)

100 x 100 mm



Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

Product Group: [Filter Paper, ASTM/AASHTO CBR
mould accessories](#)

Box of 100.

Standards

ASTM D1883, AASHTO T193

Specification

Grade	Coarse.
Size	15 cm diam. (5.9â€³).
Weight	Net 8 oz. (22 7 g).

Accessories



Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

Alternatives



Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)



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

Code: [24-9220](#)

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

Box of 100.

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](#)



Heat-Resistant Gloves, With Gauntlet

Code: [81-0508](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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



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](#)



BS Cbr Mould Body.

Code: [24-9198](#)



BS Extension Collar

Code: [24-9200](#)



BS Solid Base or Top Plate

Code: [24-9204](#)



Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)



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: [24-9150/01](#)



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

Code: [24-9150/06](#)



MultiPlex 50 Load Frame

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



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

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Shear Force
Vertical Load

Dimensions

Weight

between 0.000001"
(0.00001 mm) to 0.399999"
(9.99999
mm) per minute.
1,100 lbf. (5.0 kN) maximum.
2,200 lbf. (10.0 kN) using 10:1
lever ratio.
44.7" l. x 12 .6" w. x 49.6" h.
(1,135 x 320 x 1,260 mm).
Net 181 lbs. (82 kg).

Accessories



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



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: 25-0440



Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)



Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



Horizontal Displacement Transducer Assembly 15mm Travel 5 Pin Din Plug Mounting Pillar

Code: [27-1697](#)



Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)



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

Code: [27-1551](#)



Set of Weights 50 kg Slotted.

Code: [26-2132](#)



Shear Box Assembly 100mm Sq.

Code: [26-2197](#)



Shear Box Assembly 2.5 Inch Diameter

Code: [26-2213](#)



Shear Box Assembly 60mm Sq.

Code: [26-2181](#)



Vertical Displacement Transducer Assembly 15mm Travel with 5 Pin Din Plug Bracket for Shear Box

Code: [27-1689](#)



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)

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

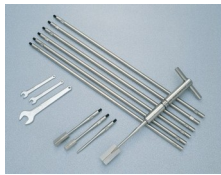
Code: [25-0445](#)

Alternatives



Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: [26-2114/02](#)



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

Code: [26-3335](#)



Hand Vane Tester

Code: [26-3346](#)



Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

Code: [26-2270](#)



Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: [26-2261](#)



Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

Code: 25-0402

Product Group: Consolidation Apparatus, Table Top Consolidation Apparatus

- High capacity - 8800 kPa on 50 mm diameter specimens using 11:1 beam ratio
- Triple beam ratio, 9:1, 10:1, 11:1
- Compact unit ensures maximum space saving

The ELE Oedometer is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a yoke assembly and one of three alternative beam ratios. The beam is fitted with a counterbalance weight and beam support jack. The cell platform will accept the complete range of ELE consolidation cells and is fitted with a central spigot to ensure accurate centring of the cell under the loading yoke. Dimensions without hanger 711 x 203 x 508 mm (l x w x h). Weight 22 kg.

Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5

Further Information

Supplied without dial gauge and weights.

Specification

Load Capacity	48 tons/sq. ft. (5,148 kPa) on 2.5" (63 mm) diam. samples.
Loading Beam	Cast aluminum; counterbalanced; 9:1, 10:1 and 11:1 ratios.
Frame	Cast aluminum; integral beam support jack; plated steel and platform.
Dimensions	203 x 711 x 508 mm, (8" w. x 28" d. x 20" h) . excluding weight hanger.
Weight	(Net 30 lbs). 13.6 kg; Shpg. 40 lbs. (18.1 kg).

Accessories



16 Ton Weight Set

Code: [25-0544](#)



2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



2.5" Floating Ring Consolidometer

Code: [25-0530](#)



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



Floor Mounting Stand.

Code: [25-0429](#)



Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)



Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)



Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)



Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)



Set of Weights 100Kg Total Weight.

Code: [25-0408](#)



Weight Set A

Code: [25-0535](#)



Weight Set B

Code: [25-0537](#)

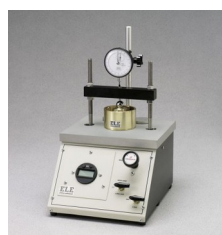
Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



Pneumatic Consolidation Apparatus

Code: [25-0560](#)