



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

This wishlist was generated on 09/06/2019, and contains the following Products:

23-3000

Riffle Box 7mm Slot Width Complete with Three Containers.

23-3070

Riffle Box 15mm Slot Width Complete with Three Containers.

23-3170

Riffle Box 30mm Slot Width Complete with Three Containers.

23-3300

Riffle Box 50mm Slot Width Complete with Three Containers.

23-4200

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

23-4250

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

23-6191/01

Bench-Mounting Mixer 5 Litre Capacity Complete with Bowl Beater and Whisk. 220-240V 50Hz 1Ph.

24-1800

Shrinkage Mould to BS 1377

24-2900

50MI Density Bottle with Perforated Stopper.

24-4865/01

Constant Temperature Bath 5 to 99.9 Deg.C X 0.1 Deg.C with Led Display and False Base Support.

24-8080/01

Automatic Soil Compactor BS CE Compliant

24-9000

BS Standard Compaction Mould 1000Cm Capacity.

24-9010

Straight Edge 300mm.

24-9150/01

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

24-9186

Penetration Dial Gauge BS

24-9214

2Kg Annular Surcharge Weight

24-9216

2Kg Split Surcharge Weight.

25-0613

Soaking Tank.

34-0140

300 mm Stainless Steel Rule.

34-6122/01

Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.

45-5580/01

Isomantle Electric Heater

45-6462

Paper Discs

45-6600/01

AutoComp 100-A

45-6810/01

Marshall Test 50

45-6850

Breaking Head (Marshall)

45-6880

Flow Meter BS/EN

46-3310/01

Cleveland Flash Cup Apparatus

46-4100/01

Loss on Heat/Thin-Film Oven 220-240V 50/60 Hz

46-5295/01

Semi-Automatic Penetrometer

46-5360/10

Penetration Needle

46-5800

Transfer Dish

46-5861

Penetration Tin

5002/06

Marshall Test System Set

78-0860

50kN Clamped Boss Load Ring

78-1250/01

225 Litre Drying Oven

78-5527/01

Electronic Balance - 32 000 g x 1.0 g

79-2130

300mm Dia BS Sieve 180Mic Stainless Steel Mesh.

79-7200

Sieve Brush Brass and Nylon

79-7210

Sieve Brush Nylon

80-0200/01

ELE Sieve Shaker

81-0100

Spatula 100 mm

81-0140

Spatula 200 mm

81-0200

Aluminium Scoop Small

81-0220

Aluminium Scoop Large

81-0240

Shovel - With flat blade

81-0508

Heat-Resistent Gloves, With Gauntlet

81-0518

Timer Clock

81-0588

Vernier Caliper Range 0 to 200mm X 0.02mm.

81-0710

Trimming Knife

81-2979

Moisture Content Tin

81-3545

Transport/Storage Container

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

82-2000

Evaporating Dish - 150 x 45 mm

82-2500

Wash Bottle

82-4005

Glass Stirring Rod

82-5243

Portable Thermometer 50 to 250°C

82-5274

Thermometer

82-5442

Digital Thermometer

82-7720/01

Vacuum Pump

82-8500/01

Water Bath - 12 litres

88-0500/02

Hot Plate

88-4456

Dial Thermometer, 50° to 500°F x 5.0° and 5° to 260°C x 5.0°.

88-7400

Trowel



Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 4.5 mm. EN recommended maximum particle size of 3.5 mm. Includes 12 slots each with a 7 mm slot width and an overall approximate capacity of 0.3 litres.

Standards

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

Specification

Recommended max particle size BS	4.5
Recommended max particle size EN	3.5
Slot width mm	7
No. of slots	12
Approx. capacity kg	0.3
Weight kg	1.5



Riffle Box 15mm Slot Width Complete with Three Containers.

Code: [23-3070](#)

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

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 10 mm. EN recommended maximum particle size of 7.5 mm. Includes 12 slots each with a 15 mm slot width and an overall approximate capacity of 2 litres.

Standards

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

Specification

Recommended max particle size BS	10
Recommended max particle size EN	7.5
Slot width mm	15
No. of slots	12
Approx. capacity kg	2
Weight kg	8



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



Riffle Box 50mm Slot Width Complete with Three Containers.

Code: 23-3300

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 33 mm. EN recommended maximum particle size of 25 mm. Includes 8 slots each with a 50 mm slot width and an overall approximate capacity of 14 litres.

Standards

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

Specification

Recommended max particle size BS	33
Recommended max particle size EN	25
Slot width mm	50
No. of slots	8
Approx. capacity kg	14
Weight kg	22.5



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****



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



Bench-Mounting Mixer 5 Litre Capacity Complete with Bowl Beater and Whisk. 220-240V 50Hz 1Ph.

Code: [23-6191/01](#)

Product Group: [Sample Mixers](#), [Mixing](#), [Sample Mixers](#)

The mixer has two electrically switched mixing speeds which obviates the need to switch off during speed selection. The mixing head comprises a beater which contra-rotates about a central shaft using planetary gearing. A lever-acting lifting device facilitates the insertion and removal of the bowl. This mixer is suitable for the mixing of soil samples, mortar, bituminous mixtures and associated materials where comparatively small samples are being prepared. Supplied with stainless steel bowl, beater and whisk.

Standards

BS 598-107, BS 1377-1, BS 1924-1, EN 12697-35

Further Information

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

Specification

Dimensions	545 x 380 x 550 mm
Beater Speeds (rpm) low, intermediate, high	136, 281, 580
Central shaft speeds (rpm) low, high	60, 124, 255
Rated power	500 W
Weight	24 kg



Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

Standards

BS 1377



50ml Density Bottle with Perforated Stopper.

Code: [24-2900](#)

Product Group: [Particle Density: Pyknometer Methods](#)

Supplied complete with capillary vent stopper.
Conforms to BS 733, and ISO 3507. Gay-Lussac type.

Standards

ASTM C128, AASHTO T84



Constant Temperature Bath 5 to 99.9 Deg.C X 0.1 Deg.C with Led Display and False Base Support.

Code: [24-4865/01](#)

Product Group: [Constant Temperature Bath](#)

- Specially designed for Sedimentation of Testing of Soils
- Stainless steel construction with toughened glass front for viewing samples
- Must hold six sedimentation cylinders
- Complies to: BS 1377-2 EN DD ENV1997-2 ASTM D422 AASHTO T88

Further Information

Specially designed for the sedimentation testing of soils and other fine grained material, the bath is supplied with a false bottom to assist in circulation of the bath liquid. Will accommodate six Sedimentation Cylinders.

Specification

Dimensions (l x w x h)	535 x 210 x 610 mm external
Capacity	Holds up to 6 sedimentation cylinders
Construction	Stainless steel with toughened glass front
Temperature Control	Heater/thermostat/circulation with digital controller unit 5 to 99.9 Deg.C X 0.1 Deg.C
Power	1500 watts
Weight kg	12



Automatic Soil Compactor BS CE Compliant

Code: 24-8080/01

Product Group: BS CE Automatic Compactors, Automatic Soil Compactor

- With NEW CE Compliant guarding as an extra safety measure for users
- Five models meeting requirements of BS/EN and ASTM available
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards
- Automatic re-setting of counter after completion of blow pattern

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

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. The selectable rammer has 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 BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180.

Specification

Standards

BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558,

Product Sheet

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	ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180
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)	165



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



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



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



Penetration Dial Gauge BS

Code: [24-9186](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.

Standards

BS 1377, BS 1924



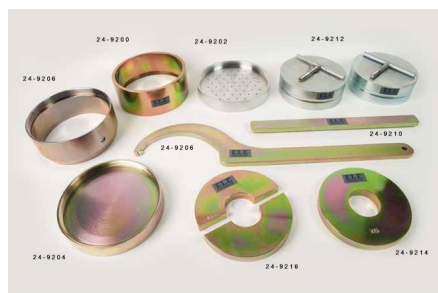
2Kg Annular Surcharge Weight

Code: [24-9214](#)

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

Standards

EN 13286-4, BS 1377-4, BS 1924-2



2Kg Split Surcharge Weight.

Code: [24-9216](#)

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

Standards

EN 13286-4, BS 1377-4, BS 1924-2

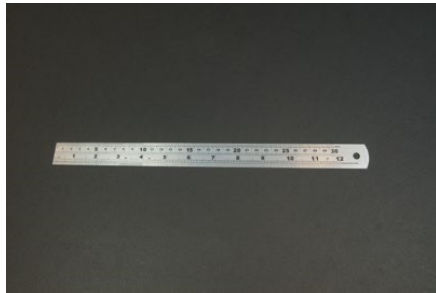


Soaking Tank.

Code: [25-0613](#)

Product Group: [Compaction Permeameter](#)

With fixed overflow. Used for containing permeability cell during test.



300 mm Stainless Steel Rule.

Code: [34-0140](#)

Product Group: [Slump Test](#)

Standards

EN 12350-2

Further Information

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



Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.

Code: [34-6122/01](#)

Product Group: [Melting Pot](#)

This unit is suitable for melting wax and capping compound and comprises a metal container in a welllagged steel jacket. A thermostatic control and stand-by heat switch are fitted. Supplied complete with lift-off cover.

Standards

BS 1377-1

Further Information

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

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

Specification

Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg
Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg



Isomantle Electric Heater

Code: [45-5580/01](#)

Product Group: [Sample Mixers](#), [Mixing](#), [Sample Mixers](#)

For use with 23-6191 Bench Mounting Mixer.

Standards

EN 12697-35

Further Information

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



Paper Discs

Code: [45-6462](#)

Product Group: [Accessories for manual and automatic compaction, Filter Paper Discs](#)

Non-absorbent, 99 mm diameter, pack of 100.

Standards

EN 12697-30

Specification

Weight

Net 2.9 oz. (82 g).



AutoComp 100-A

Code: 45-6600/01

Product Group: Automatic Compaction

Fully automatic, simple to operate
Built-in safety features
Uniform compaction
Automatic blow counter

Complies to BS 598-107

This ruggedly constructed automatic compactor provides a consistent and even degree of compaction. The unit incorporates a compaction pedestal comprising a laminated hardwood block secured to a concrete base by a 300 mm square x 25 mm thick steel plate. The mechanism lifts the 4535 g hammer and automatically releases it at the specified height of 457 mm. The conveniently positioned control fascia panel comprises of a mains light, start and stop buttons and a direct-reading counter used to set the required number of blows.

During operation the AutoComp 100-A automatically counts down to zero. Dual rammer pick-ups have been incorporated, reducing stress on the machine's internal mechanism. Particular attention has been paid to operator safety by the inclusion of various in-built safety features.

Standards

EN 12697-10, EN 12697-30, BS 598

Further Information

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

Specification

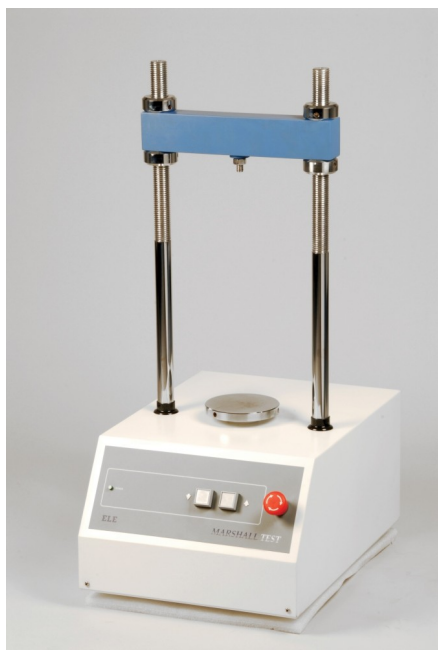
Dimensions (l x w x h)	535 x 535 x 1880 mm
Compaction foot diameter	98.52 mm

Product Sheet

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Sliding weight	4535 g
Height of drop	457 mm
Weight	278 kg



Marshall Test 50

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

Product Group: [Marshall Load Frames](#)

- Geared screwjack and motor drive
- Precise speed
- Internal limit switch for both directions of travel
- Easy to use controls

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on a bench top, requiring only a power point. It has been designed for simple operation, is easy to clean and requires minimum maintenance.

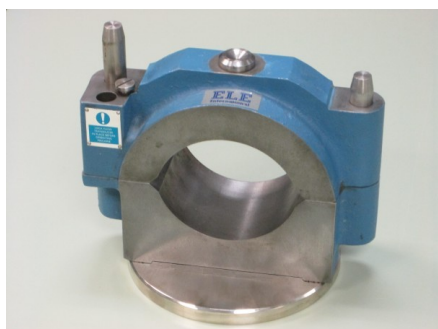
Standards

EN 12697-34

Further Information

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

Load frame, 50 kN capacity. Supplied without Breaking Head. For 220 - 240 V AC, 50 Hz, 1 ph.



Breaking Head (Marshall)

Code: [45-6850](#)

Product Group: [Accessories for the Marshall test](#)

Complete with gauge disc. Supplied without flow meter.

Standards

EN 12697-34



Flow Meter BS/EN

Code: [45-6880](#)

Product Group: [Accessories for the Marshall test](#)

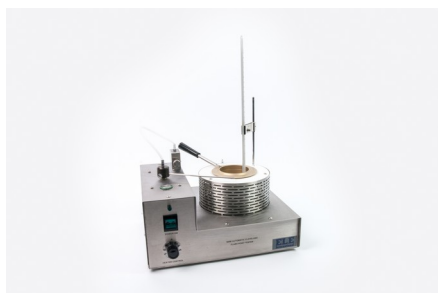
Dial gauge graduated 0.01 mm with 25 mm travel.
Supplied with stem brake unit and flow meter pedestal.

Standards

EN 12697-34

Further Information

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



Cleveland Flash Cup Apparatus

Code: [46-3310/01](#)

Product Group: [Cleveland Flash Cup Apparatus](#)

The ELE Semi-Automatic Cleveland Open Cup flashpoint Tester is equipped with an electrically heated cup (with a variable control to set temperature rise rate), a button operated and electrically driven sweep arm and a test flame for use on natural gas. Bench mounted, the unit is incorporated in an easy to clean stainless steel case.

Standards

BS 2000-36, EN ISO 2592, ASTM D92, IP 36

Further Information

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

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

Specification

Temperature Range	Ambient to 400°C
Power	500 W maximum
Ramp rate	Variable, manually controlled
Voltage	220/240 V, 50/60 Hz
Size (HxWxD)	33 x 31 x 29 cm
Weight	6.5 kg



Loss on Heat/Thin-Film Oven 220-240V 50/60 Hz

Code: 46-4100/01

Product Group: Asphalt and Bitumen Ovens

The Thin-Film Oven is used for determining the loss in mass of oil and asphaltic / bituminous compounds when heated with the loss on heating test method or the effect of heat and air on semisolid asphaltic / bituminous materials with the Thin-Film Oven (TFOT) method.

Further Information

Features:

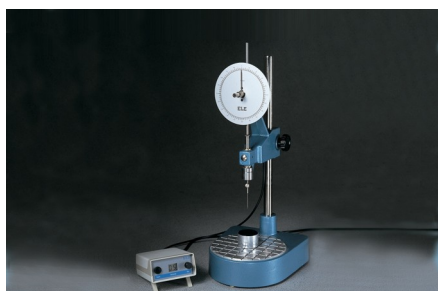
- Complies to the requirements of BS 2000, ASTM D6, D1754 & AASHTO T47, T179
- The exterior is constructed from sheet steel finished in an easy clean powder-coated paint
- Interior chamber is made from stainless steel
- The unit is well insulated and has a double glass door for viewing the test chamber
- The system is controlled by a microprocessor digital controller and overheat thermostat
- Calibrated scale and tamper-proof lock
- Temperature is controlled and pre-set at 163°C +/- 1°C
- Two rotating platforms of 13.5 inches dia are supplied to perform both the tests

Side mounted controls comprise:

- Microprocessor digital control
- Independent overheat thermostat
- Mains switch
- On/Off switch for the turntable motor
- Indicator lamps

Specification

Max Temp (°C)	163
Dimensions: Internal (HxWxD)	380 x 520 x 460 mm
Dimensions: External (HxWxD)	570 x 870 x 630 mm
Insulation	Double wall
Internal material	304 stainless steel
Turntable speed (rpm)	5.5
Max power (W)	1500



Semi-Automatic Penetrometer

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

Product Group: [Penetration Test](#)

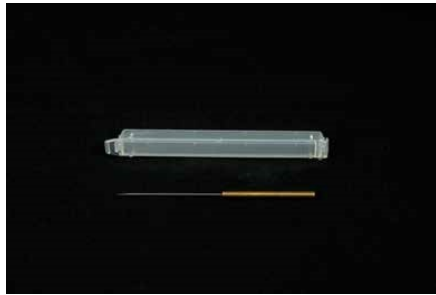
As 46-5290 but incorporates Digital Automatic Controller which releases the needle assembly. The time set is displayed by a bright, easy to read display.

Standards

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

Further Information

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



Penetration Needle

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

Product Group: [Penetration Test](#)

Hardened steel.

Standards

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

Further Information

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



Transfer Dish

Code: 46-5800

Product Group: [Asphalt Penetrometer](#), [Bitumen Penetration Test](#), [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: [46-5861](#)

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****



Marshall Test System Set

Code: 5002/06

Product Group: Basic 4" Marshall Stability Test Set
with Manual Compaction

SET INCLUDES:

- 1 - Marshall Stability Tester (45-6829/06).
- 1 - Asphalt Flow Indicator (45-6892).
- 1 - 4" Marshall Breaking Head (45-6855).
- 1 - Asphalt Sample Ejector (45-6480).
- 1 - Bottom Rack (45-6475/12).
- 1 - Water Bath- Roaster Oven 115V (45-6475/10).
- 1 - 10cm (3.93") Dia Filter Paper pk/100 (45-6462).
- 1 - Asphalt Compaction Hammer (45-6460).
- 1 - Pedestal For Asphalt (45-6416).
- 1 - Mold Holder For Asphalt (45-6414).
- 2 - 4" Compaction Mold (45-6310).
- 1 - Piston For 45-7016's (3205-0050).
- 1 - Proving Ring (PR-60).

Further Information

220V, 60Hz



50kN Clamped Boss Load Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, Accessories for the Marshall test, Accessories for the Marshall Test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Calibrated in compression.

Standards

EN 12697-34

Specification

Capacity - kN	50
Capacity - kgf	5000
Capacity - lbf	11,200
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Typical Design Sensitivity - lbf/div	10.18
Overall Height	9.76" (248 mm)
Approx Weight	6.35 kg



225 Litre Drying Oven

Code: 78-1250/01

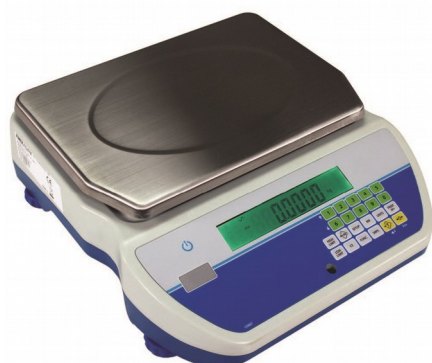
Product Group: Percentage Refusal Density (PRD),
Oven Drying Method, Oven Drying Method, Oven
Drying Method

Standards

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

Specification

Capacity	225 litres
External Dimensions (l x w x h)	540 x 1040 x 940
Internal Dimensions (l x w x h)	440 x 920 x 600
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg



Electronic Balance - 32 000 g x 1.0 g

Code: 78-5527/01

Product Group: [Electronic Balances](#)

- Backlit display changes colour for quick notification of checkweighing limits
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface is available to provide speedy connection to computers and printers
- Optional USB interface simplifies data communication
- Sealed keypad protects against dirt and spills
- Solid ABS housing is durable for industrial use
- Adjustable levelling feet help optimise setup
- Drip channels help divert spills away from the scales internal components
- Checkweighing with audible alarm
- External calibration allows for verification and adjustment with weights
- Internal counting resolution 1:600,000 for precise results
- Parts counting optimisation automatically refines piece weight as parts are added
- Parts counting with freely selectable sample sizes
- Preset tare function speeds the process of repetitive weighing
- Product look up (PLU) memory locations store a range of items for recall
- Programmable auto power-off to save energy
- Rechargeable battery included for operation almost anywhere

Applications: weighing, parts counting, checkweighing, check counting, accumulation of weight, percentage weighing and net total weighing.

Further Information

Not available for sale in the USA

Specification

Capacity resolution	32000 g x 1.0 g
Pan size	210 x 300 mm
Mains and battery	Yes
Dimensions (w x d x h)	326 x 355 x 115 mm
Net weight	3.29 kg

Product Sheet

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



Weighing units

g, kg, lb, lb:oz, oz

Repeatability

1.0 g

Power supply

12VDC 50/60 Hz 800mA
adapter/ Internal rechargeable
battery



300mm Dia BS Sieve 180Mic Stainless Steel Mesh.

Code: 79-2130

Product Group: 300mm Diameter BS Sieves, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves

Standards

BS410-1, ISO 3310-1, EN933-2, ISO 565

Further Information

NOT AVAILABLE FOR SALE IN THE USA



Sieve Brush Brass and Nylon

Code: [79-7200](#)

Product Group: [Sieve Brushes](#)

Double-ended, brass and nylon bristle

Standards

ASTM E11

Further Information

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



Sieve Brush Nylon

Code: [79-7210](#)

Product Group: [Sieve Brushes](#)

Nylon, double-ended

Standards

ASTM E11

Further Information

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



ELE Sieve Shaker

Code: 80-0200/01

Product Group: ELE Sieve Shaker

The ELE sieve shaker is powered by an electromagnetic drive that has no rotating parts to wear making it maintenance free and extremely quiet in operation.

The unit features a triple Vertical-Lateral-Rotary vibrating action that moves the sample over the sieve producing faster more efficient sieving, while the rapid vertical movements also help keep the apertures from blinding.

The shaker is ideal for laboratory or on site use. It is robust, compact and sufficiently lightweight to be portable. The separate digital microprocessor controlled console unit incorporates a keypad for setting the sieving program and is isolated from any effects of vibration from the shaker.

As standard the shaker includes, timer 0-999 minutes, adjustable vibration intensity and adjustable intermittent or continuous operation.

Further Information

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

The unit accepts up to ten 200 mm or 8 inch, full height, diameter sieves and lid and receiver, or up to six 300 mm or 12 inch diameter sieves and lid and receiver. Complete as specified. Dimensions (l x w x h) 380 x 440 x 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.



Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

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



Spatula 200 mm

Code: [81-0140](#)

Product Group: [Determination of Plastic Limit, Spatulas](#)

Further Information

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



Aluminium Scoop Small

Code: [81-0200](#)

Product Group: [Scoops and Shovels](#)

82 x 127 x 50 mm, cast aluminium with handle

Further Information

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



Aluminium Scoop Large

Code: [81-0220](#)

Product Group: [Slump Test, Scoops and Shovels](#)

Further Information

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



Shovel - With flat blade

Code: [81-0240](#)

Product Group: [Scoops and Shovels](#)

Further Information

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



Heat-Resistant Gloves, With Gauntlet

Code: [81-0508](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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



Timer Clock

Code: [81-0518](#)

Product Group: [Rice Test Vibrator, Watches and Clocks](#)

Accessory

Standards

EN 12697-5

Further Information

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



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

Product Group: [Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware](#)

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Gives four types of readings: inside, outside, depth and step. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error and knurled locking nut. Manufactured from hardened stainless steel for rigidity. Satin finish.

Conforms to DIN 862.

Standards

EN 933-4, BS 1377



Trimming Knife

Code: [81-0710](#)

Product Group: [Soil Lathes](#), [Miscellaneous Laboratory Hardware](#), [Soil Trimmers \(Lathes\)](#)

Further Information

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



Moisture Content Tin

Code: [81-2979](#)

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

Further Information

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



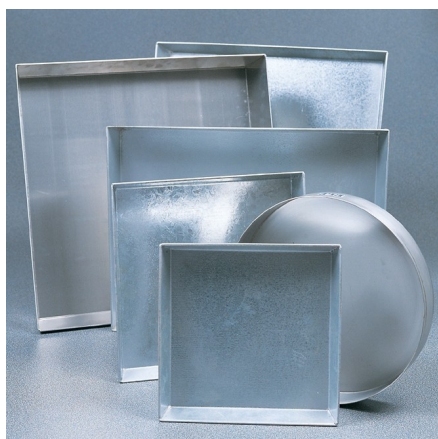
Transport/Storage Container

Code: [81-3545](#)

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

Further Information

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



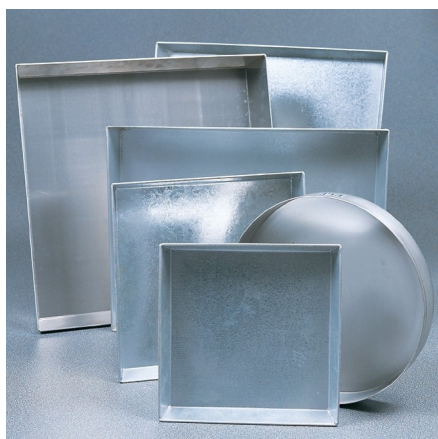
Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

Product Group: [Sample Trays](#)

Further Information

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



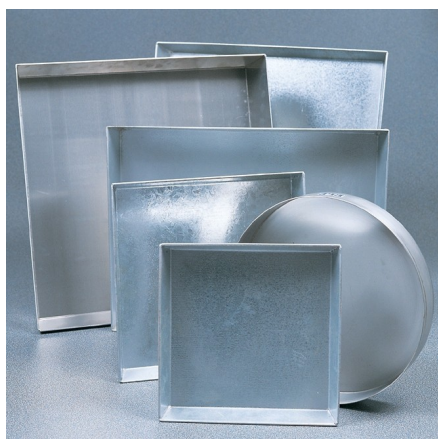
Sample Tray - 406 x 406 x 50 mm

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****



Evaporating Dish - 150 x 45 mm

Code: [82-2000](#)

Product Group: [Evaporating Dishes, Volumetric Shrinkage](#)

Shallow form with spout, porcelain 150 x 45 mm nominal diameter x height.

Further Information

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



Wash Bottle

Code: [82-2500](#)

Product Group: [Bottles and Crucibles](#)

Polythene, 500 ml capacity.

Further Information

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



Glass Stirring Rod

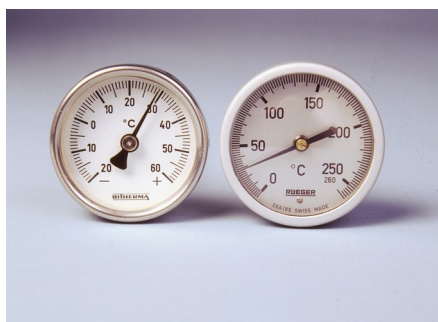
Code: [82-4005](#)

Product Group: [Syringe and Stirring Rod](#)

7 mm diameter x 200 mm long. Pack of 10.

Further Information

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



Portable Thermometer 50 to 250°C

Code: [82-5243](#)

Product Group: [Portable Dial-type Thermometers](#)

64 mm diameter dial with a 650 mm long stem.

Further Information

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



Thermometer

Code: 82-5274

Product Group: Non Hazardous Glass Thermometers,
Ring and Ball Apparatus

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



Digital Thermometer

Code: [82-5442](#)

Product Group: [Hand-held Digital Thermometers](#)

Range -75 - 1200°C

Further Information

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

Specification

Range	-75 to +1200°C or -30 to +199.9°C or -75 to +1999°F
Resolution and accuracy	1°C (-75 to +1200°C), 0.2% ± 0.1°C, 0.1°C (-30 to +199.9°C) 0.2% ± 1.0°C, 1°F (-75 to +1999°F), 0.2% ± 2.0°F
Cold junction (automatic)	0 to 45°C
Weight	500 g



Vacuum Pump

Code: [82-7720/01](#)

Product Group: [Vacuum Pumps](#)

Further Information

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

Specification

Type	Single stage
Pump	Oil filled rotary
Ultimate vacuum	Better than 0.1 mbar
Displacement	42 litres per minute (2.4 m ³ /hour)
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Weight	12.7 kg



Water Bath - 12 litres

Code: [82-8500/01](#)

Product Group: [Water Baths](#)

Further Information

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

Specification

Capacity	12 litres
Working area	210 x 300 mm
Tray	Yes
Max Water Depth	130 mm
Controller	Digital
Temperature range and stability °C	0 to 99.9 ± 0.1
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power kW	1.5
Weight	8.1 kg



Hot Plate

Code: [88-0500/02](#)

Product Group: [Bitumen Extraction Test, Hot Plates](#)

39 square inch top hotplate

Further Information

120vAC, 50/60 Hz, 1Ø, 750 Watts.

Specification

Max. temperature	540°C
Voltage	100-120 V
Top plate material	Ceramic
Surface area	184 x 184 mm
Hertz	50/60 Hz
Dimensions (l x w x h)	330 x 280 x 97 mm
Includes	1 power cord
Weight	4.4 kg
Type	Hotplates



Dial Thermometer, 50° to 500°F x 5.0° and 5° to 260°C x 5.0°.

Code: [88-4456](#)

Product Group: [Dial Thermometers](#)

50° to 500°F x 5.0° and 5° to 260°C x 5.0°.

Specification

Construction

Dual-scale; 1/8" (3 mm) diam. Stainless steel stem with bimetallic element; adjustable zero; plastic face.

Accuracy

±1% when over 2" (51 mm) of stem immersed.

Dimensions

1-3/4" (44 mm) dial diam. x 8" (203 mm) long stem.

Weight

Net 3 oz. (85 g).



Trowel

Code: [88-7400](#)

Product Group: [Trowel](#)

2-1/2" w. x 4-1/2" l. (63.5 x 114 mm) blade.

Specification

Handles

Wood.

Blades

Steel plated; triangular.