



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

This wishlist was generated on 06/11/2017, and contains the following Products:

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200mm Dia BS Sieve 600Mic Stainless Steel Mesh.

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200mm Dia BS Sieve 1.18mm Stainless Steel Mesh.

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200mm Dia BS Sieve 2.36mm Stainless Steel Mesh.

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200mm Dia BS Sieve 4.75mm Perforated Plate.

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79-5000

8in Dia ASTM Sieve 6.30mm Stainless Steel Mesh.

34-8100/09

Buoyancy Balance 16Kg X 0.1G

47-5175

Compact Core Drill



Compaction Hammer

Code: [45-6460](#)

Product Group: [Manual Compaction, Stability Compaction Hammer](#)

Satisfies BS 598. The hammer has a 4535 g sliding weight with a free fall of 457 mm.

Standards

EN 12697-30, ASTM D6926, AASHTO T245

Specification

Tamping Face	3-7/8" (98 mm) diam.
Hammer	10 lb. (4.54 kg).
Drop	18" (457 mm).
Construction	Machined steel; cast aluminum handle.
Weight	Net 16 lbs. (7.2 kg).



Compaction Mould

Code: 45-6310
Product Group: Asphalt Compaction Mould,
Accessories for manual and automatic compaction
Comprising of mould body, baseplate and combined
filling/extraction collar.

Standards

EN 12697-30, ASTM D6926, AASHTO T245

Specification

Construction	Machined seamless steel forming mold; base and collar.
Finish	Plated for rust resistance.
Dimensions	4" (101.6 mm) i.d. x 3" (76.2 mm) internal h. with base.
Weight	Net 6 lbs. (2.7 kg).

Alternatives

Product Sheet

www.ele.com
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AutoComp 100-A

Code: 45-6600/01



Paper Discs

Code: [45-6462](#)

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

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

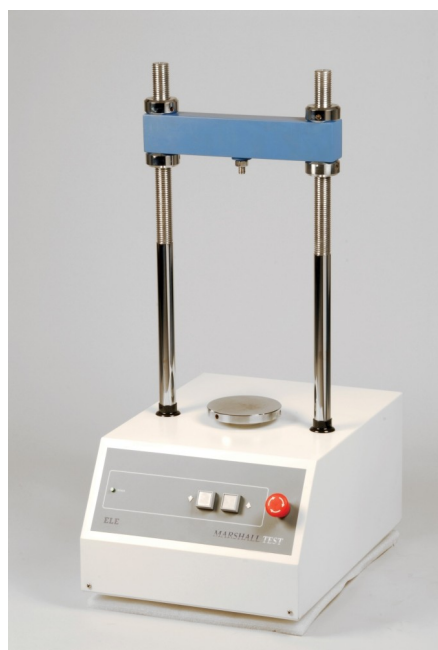
Standards

EN 12697-30

Specification

Weight

Net 2.9 oz. (82 g).



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.

Accessories



250 Asphalt Probe

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



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



50kN Clamped Boss Load Ring

Code: [78-0860](#)



50kN S-type Load Cell

Code: [27-1559](#)



Breaking Head (Marshall)

Code: [45-6850](#)



Flow Meter BS/EN

Code: [45-6880](#)

Alternatives



Digital Asphalt Thermometer

Code: [47-0202](#)



DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)



DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz

Code: [27-1300/01](#)



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

Code: [23-4200](#)



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, kgf, lbf	50.0, 5000, 11,200
Typical Design sensitivity: N/div, kgf/div, lbf/div	45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Value of CBR	Above 40%
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	17.4 lbs.(7.9 kg)

Accessories



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](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



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](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



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

Accessories



250 Asphalt Probe

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



30 L Heating Bath with Led Display Cover

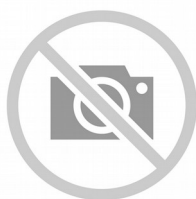
Code: [45-6550/01](#)



50kN S-type Load Cell

Code: [27-1559](#)

Alternatives



250 Asphalt Probe

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



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



50kN S-type Load Cell

Code: [27-1559](#)



Asphalt Flow Indicator with Brake - English

Code: [45-6892](#)

Product Group: [Marshall Stability Breaking Head](#),
[Asphalt Flow Indicator with Brake](#), [Accessories for the Marshall Test](#)

Standards

ASTM D6927, AASHTO T245

Specification

Holder	Cast aluminum.
Dial Indicator	Special type with brake.
Range	1.00" x 0.01" divisions.
Weight	Net 12 oz. (340 g).

Accessories



4" Marshall Breaking Head

Code: [45-6855](#)



Asphalt Flow Indicator with Brake - Metric

Code: [45-6894](#)

Alternatives



4" Marshall Breaking Head

Code: [45-6855](#)



Asphalt Flow Indicator with Brake - Metric

Code: [45-6894](#)



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)

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

Standards

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

Further Information

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

Accessories



Breaking Head (Marshall)

Code: [45-6850](#)

Alternatives



Breaking Head (Marshall)

Code: [45-6850](#)



Centrifuge Extractor 3,000 g

Code: [45-3825/02](#)

Product Group: [Asphalt Centrifuge Extractors](#)

Standards

ASTM D2172, AASHTO T164

Further Information

120vAC, 60 Hz, 1Ø.

Specification

Control	Variable speed, 0-3,600 rpm; brake for fast stopping.
Motor	1/6 h.p.
Cover	Aluminum; removable, with integral cup for adding solvent.
Housing	Aluminum; removable, sealed.
Bowl	Aluminum; removable.
Filter Discs	10 included.
Dimensions	18" w. x 18" d. x 19" h. (457 x 457 x 483 mm).
Weight	Net 140 lbs. (63.5 kg).

Accessories



Biodegradable Solvent

Code: [45-3845](#)

Alternatives



Centrifuge Extractor 1,500 g

Code: [45-3820/02](#)



Filter Discs for 3,000 g

Code: [45-3842](#)

Product Group: [Asphalt Centrifuge Extractors](#)

12-1/4" (311 mm) diam. Pack of 100.



Vacuum Pyknometer Apparatus

Code: 45-9305/01

Product Group: Vacuum Pyknometer

- Large capacity design minimises segregation effects
- Lightweight polycarbonate construction
- Transparent top for visual observations

The Vacuum Pyknometer is a large capacity unit used in the Rice Test for determining the maximum specific gravity of bituminous paving mixtures.

The Pyknometer has a total volume of approximately 10 litres and will conveniently accept samples of 6000 grams to minimise segregation effects. The unit is constructed of lightweight polycarbonate, with the upper half being transparent for visual observation of the effects of the vacuum.

The Vacuum Pyknometer Apparatus consists of a 6000 g pyknometer, vacuum pump with control valves/gauges, water trap and connection tubing.

Standards

EN 12697-5

Further Information

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

Supplied complete with 6000 g pyknometer, vacuum pump with control valves/gauges, water trap and connection tubing. For 220 - 240 V AC, 50 Hz, 1ph.

Specification

Dimensions	273 x 406 mm (outside diameter x height)
Capacity	Approx. 10 litres, 6000 g sample weight
Connections	Water inlet valve; quick disconnect for vacuum gauge and hose
Weight	3.6 kg

Alternatives

Product Sheet

www.ele.com
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Vacuum Pyknometer, 6000 g

Code: 45-9300

Steel Block

Code: [45-6463](#)

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

100 mm diameter x 50 mm height. For heating the compaction hammer foot.



Standards

EN 12697-30

Further Information

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

Accessories



Water Bath

Code: [45-6490/01](#)

Spares/Consumables



Baseplate

Code: [45-6310/11](#)



Compaction Mould Body

Code: [45-6310/10](#)

Alternatives



Water Bath

Code: [45-6490/01](#)



Spatula - 6" Length

Code: [88-7510](#)

Product Group: [Spatulas](#)

6" l. x 1" w. (152 x 25 mm) blade.

Specification

Handle	Wood.
Blade	Stainless steel.
Weight	Net 2 oz. (56 g).

Alternatives



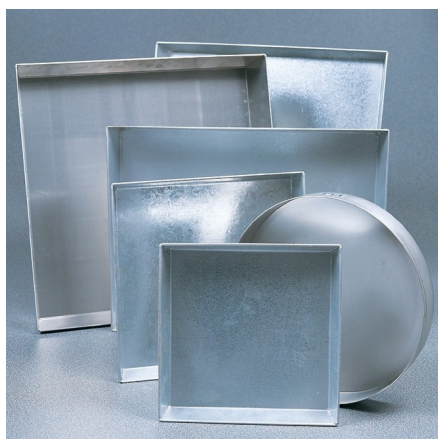
Spatula - 10" Length

Code: [88-7520](#)



Spatula - 4" Length

Code: [88-7500](#)



Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

Product Group: [Sample Trays](#)

Further Information

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



Digital Pocket Thermometer

Code: [82-5420](#)

Product Group: [Digital Pocket Thermometer](#)

The stainless steel probe carries a highly accurate platinum sensor and when not in use folds back into the side of the instrument. With a clear 8 mm high LCD display this instrument is powered by a standard 12 V MN21 battery or equivalent.

Further Information

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

Specification

Dimensions (l x w x h)	150 x 45 x 19 mm
Range	-49.9 to 199.9°C
Resolution	0.1°C
Accuracy	±0.4°C
Weight	105 g



200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.

Code: [79-0080](#)

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****



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



200mm Dia BS Sieve 150 Mic Stainless Steel Mesh.

Code: [79-0120](#)

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 300Mic Stainless Steel Mesh.

Code: 79-0160

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 425Mic Stainless Steel Mesh.

Code: 79-0180

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 600Mic Stainless Steel Mesh.

Code: 79-0200

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

Standards

BS 410-1, ISO 3310, EN933-2

Further Information

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



200mm Dia BS Sieve 1.18mm Stainless Steel Mesh.

Code: [79-0240](#)

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 2.36mm Stainless Steel Mesh.

Code: [79-0280](#)

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 4.75mm Perforated Plate.

Code: 79-1510

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 9.50mm Perforated Plate.

Code: [79-1550](#)

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 12.5mm Perforated Plate.

Code: 79-1565

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 19.0mm Perforated Plate.

Code: 79-1590

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****



8in Dia ASTM Sieve 6.30mm Stainless Steel Mesh.

Code: 79-5000

Product Group: 8" Diameter ASTM Sieves, U.S.
Standard Testing Sieves, 8" Diameter ASTM Sieves,
8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2" (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	1/4"
Sieve Opening Standard	6.3 mm
Sieve Opening Alternative (in.)	0.25



Buoyancy Balance 16Kg X 0.1G

Code: [34-8100/09](#)

Product Group: [Hardened Concrete - Buoyancy Balance, Percentage Refusal Density \(PRD\)](#)

Includes:

- Lifting frame for Buoyancy balances
- Expansion tank 4 gallon capacity
- Electronic Balance 16kg x 0.1g with auto density calculation

Standards

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

Further Information

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

Accessories



Cradle

Code: [34-8105](#)

Spares/Consumables



Expansion Tank 4 Gallon Capacity

Code: [9004X0058](#)



Compact Core Drill

Code: 47-5175

Product Group: Compact Core Drill Machine

This compact and portable core drilling machine is designed to cut cores up to 150 mm diameter from concrete, asphalt and similar hard construction material.

The machine comprises a vertical support column which carries the drill head/motor assembly.

An integral water swivel is built into the drill head providing a 12 mm connection to an external water supply via 12 mm flexible hose (not supplied). The motor assembly comprises a 4 hp, 2-stroke petrol engine. Speeds of 800 rpm or 1200 rpm may be selected. A ball screw mechanism enables close control over drilling pressure and rapid return when drilling is completed.

The complete assembly is supplied on a rigid metal base frame with levelling facility and is suitable for vertically down drilling applications only.

Standards

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

Further Information

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

Special Note: Requires a continuous clean water supply via a 12 mm flexible hose (not supplied).