



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

This wishlist was generated on 01/11/2017, and contains the following Products:

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25-3700/01

**MultiPlex 50 Load Frame**

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45-6460

**Compaction Hammer**

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45-6310

**Compaction Mould**

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45-6462

**Paper Discs**

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45-6550/01

**30 L Heating Bath with Led Display Cover**

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23-4200

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

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45-3825/02

**Centrifuge Extractor 3,000 g**

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45-6829/06

**Marshall Stability Tester**

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45-3842

**Filter Discs for 3,000 g**

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80-0200/06

**ELE Sieve Shaker**

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79-0080

**200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.**

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79-5000

**8in Dia ASTM Sieve 6.30mm Stainless Steel Mesh.**

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88-7520

**Spatula - 10" Length**

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81-0180

**Chattaway Spatula 125 mm**

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81-4030

**Sample Tray - 406 x 406 x 50 mm**

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82-5311

**Surface Thermometer**

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82-5420

**Digital Pocket Thermometer**

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## MultiPlex 50 Load Frame

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

Product Group: [Data Logging with the DSU](#), [CBR Load Frames](#), [Marshall Load Frames](#), [Triaxial Load Frames](#), [Data Logging with the DSU](#)

Compact bench mounting load frame designed for performing laboratory CBR, unconfined compression, Quick Undrained Triaxial and Marshall Stability Tests. Has a variable speed of 0.5 to 50.8mm per minute and features rapid approach of platen.

## Standards

EN 12697-34, BS 598, BS 1377, BS 1924, ASTM D1883, EN 12697-23, EN 12697-24, EN 13286-47, AASHTO T193, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297, ASTM D6927

## Further Information

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

## Specification

Dimensions (l x w x h)	550 x 400 x 1470 mm
Max vertical clearance	800 mm
Horizontal clearance	265 mm
Platen diameter	133 mm
Platen travel	100 mm
Platen speed range	0.5 to 50.8 mm/min
Rapid approach speed	40 mm/min
Weight kg	100, (shipping 113 kg)

## Accessories



## 50kN Clamped Boss Load Ring

Code: [78-0860](#)



## 50kN S-type Load Cell

Code: [27-1559](#)



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

Code: [24-9188](#)



## 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](#)

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## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)

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## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)

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## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

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## Penetration Dial Gauge BS

Code: [24-9186](#)

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## Penetration Piston

Code: [24-9182](#)

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## Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

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### Alternatives



## 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](#)



## Digital Tritest 50 Load Frame

Code: [25-3518/01](#)



## 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](http://www.ele.com)  
+44 (0) 01525 249 200



## 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).



## 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](#)



## 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



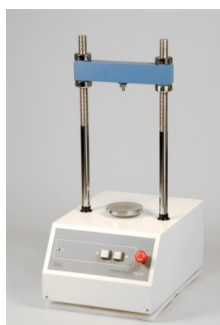
## 38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

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](#)



## Centrifuge Extractor 3,000 g

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

Product Group: [Asphalt Centrifuge Extractors](#)

## Standards

ASTM D2172, AASHTO T164

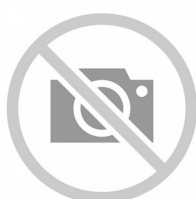
## Further Information

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](#)



## Marshall Stability Tester

Code: 45-6829/06

Product Group: Marshall Stability Tester

Compact size takes up little counter space in the lab. Push-button operation controls movement of load screw. Indicator lights show when unit is running and when test limit or maximum travel is reached.

The Marshall Stability Tester quickly and accurately measures the resistance to plastic flow of bituminous mixtures, in accordance with ASTM D-6927 and AASHTO T-245 testing standards.

With operator convenience in mind, the machine features push-button operation with indicator lights to show when the unit is in operation and when the platen has reached its limit or point of maximum travel.

## Further Information

220vAC, 60Hz, 1ø

## Specification

Frame Capacity	10,000 lbf. (44 .5 kN) maximum.
Proving Ring	up to 10,000 lbf. (sold separately)
Controls	Push-button up/down/stop with running and limit indicator lights.
Motor	3/4 h.p., reversible.
Speed	2" (50.8 mm) per minute.
Travel	2.5" (64 mm) maximum.
Clearances	10" (254 mm) between uprights, 7-1/2" (191 mm) between platen and load piston.
Overall Dimensions	14 " w. x 23 " d. x 40" h. (35 6 x 584 x 1,016 mm).
Housing	14 " w. x 23 " d. x 11 " h. (35 6 x 584 x 279 mm).
Weight	Net 189 lbs. (86 kg); Shpg. 236 lbs. (107 kg).

## Accessories



## 4" Lottman Breaking Head

Code: [45-6860](#)

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## 4" Marshall Breaking Head

Code: [45-6855](#)

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## Asphalt Flow Indicator with Brake - English

Code: [45-6892](#)

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## Asphalt Flow Indicator with Brake - Metric

Code: [45-6894](#)

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## Proving Ring 10,000 lbf Capacity

Code: [PR-100](#)

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## Alternatives



## Marshall Test System Set

Code: [5002/06](#)



## Filter Discs for 3,000 g

Code: [45-3842](#)

Product Group: [Asphalt Centrifuge Extractors](#)

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



## ELE Sieve Shaker

Code: 80-0200/06

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.

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, 60 Hz 1ph.



## 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\*\***





## 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



## Spatula - 10" Length

Code: [88-7520](#)

Product Group: [Spatulas](#)

10" l. x 1-1/4" w. (254 x 32 mm) blade.

## Specification

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

## Alternatives



## Spatula - 4" Length

Code: [88-7500](#)



## Spatula - 6" Length

Code: [88-7510](#)



## Chattaway Spatula 125 mm

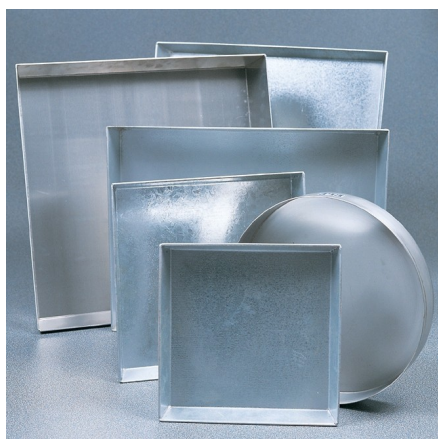
Code: [81-0180](#)

Product Group: [Spatulas](#)

- Manufactured from stainless steel.
- Bent and rounded end scrapes and lifts materials from bottles and flasks.
- Fits into tight flasks and bottles with necks  $\geq$  4mm diameter.

## 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\*\***



## Surface Thermometer

Code: [82-5311](#)

Product Group: [General-purpose Thermometers](#)

Flat surface type with approximately 64 mm diameter dial. Accuracy  $\pm 3^{\circ}\text{C}$ . Range 0 -  $+160^{\circ}\text{C}$ .

## 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