



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



## Marshall Test 50

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



## Centrifuge Extractor 3,000 g

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

Product Group: [Asphalt Centrifuge Extractors](#)

## Standards

ASTM D2172, AASHTO T164

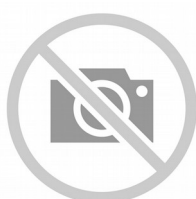
## Further Information

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.