



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

This wishlist was generated on 11/02/2020, and contains the following Products:

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24-4925

**5 Litre Syphon Assembly with Connection for 5mm Id Tubing.**

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**Calcium Chloride 2.5Kg.**

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**Formaldehyde 36% Aqueous Solution 2.5 Litre.**

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**Glycerol Analar 2.5 Litre**

27-1300/01

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**Automatic Marshall Compactor for 4" Diameter ASTM**

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**Hydrometer**

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**Portable Thermometer 100 ml**

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## 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\*\*



## Sand Equivalent Apparatus ASTM Aashto with Carrying Case.

Code: [24-4919](#)

Product Group: [Sand Equivalent Value, Sand Equivalent Value](#)

Set Includes:

- 4 Plastic measuring cylinders
- 1 Carrying case
- 1 Weighted foot assembly
- 1 Irrigator tube
- 1 Rubber tubing complete with pinch clip
- 1 Funnel.

## Standards

ASTM D2419, AASHTO T176



## 5 Litre Syphon Assembly with Connection for 5mm Id Tubing.

Code: [24-4925](#)

Product Group: [Sand Equivalent Value](#), [Sand Equivalent Value](#)

With 5 litre polythene bottle. Supplied without rubber tubing.

### Standards

ASTM D2419, AASHTO T176

### Further Information

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



## Calcium Chloride 2.5Kg.

Code: [24-4930](#)

Product Group: [Sand Equivalent Value](#), [Sand Equivalent Value](#)

### Standards

ASTM D2419, AASHTO T176

### Further Information

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



## Formaldehyde 36% Aqueous Solution 2.5 Litre.

Code: [24-4932](#)

Product Group: [Sand Equivalent Value](#), [Sand Equivalent Value](#)

36% solution

### Standards

ASTM D2419, AASHTO T176

### Further Information

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

### Specification

Assay	35-38%
Density (20/4)	1.083-1.093
Heavy metals (as Pb)	Max. 20 ppm
Ignition residue (SO <sub>4</sub> )	Max. 0.02%
Methanol	8-12 %





## Glycerol Analar 2.5 Litre

Code: [24-4934](#)

Product Group: [Sand Equivalent Value](#), [Sand Equivalent Value](#)

2.5 litres

## Standards

ASTM D2419, AASHTO T176

## Further Information

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



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

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

Product Group: [Data Logging with the DSU](#), [Electronic Instrumentation](#), [Automatic Data Acquisition - CBR](#), [Electronic Instrumentation](#), [Data Logging with the DSU](#)

· Download the full brochure here  
[[/Page/catalogue-download/NTRmZS9UaGUgTkVXIERTVSBVU0EucGRm](#)]

- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation and Unconsolidated Undrained tests
- LAN connection - software can be running anywhere on your server
- Never lose data from power fails - 2 gigabytes of non-volatile memory
- Extended warranty

The Data System Unit (DSU) is a versatile instrument designed to accommodate the general logging requirements of geotechnical and materials testing engineers. Its intelligent interface allows the user to work with a range of different sensors.

## Further Information

The DSU has two distinct modes of operation. The first is referred to as DS mode (DataSystem) for operation with ELE International's established DS7 geotechnical testing software.

### DS MODE

- Up to four one dimensional consolidation tests
- Up to two CBR tests
- One direct/residual shear test
- One triaxial quick un-drained test

### DU MODE

- Up to two Marshall tests
- Up to two CBR tests
- Up to two Unconfined compression tests
- Automatic frame control

### OVERVIEW

- Touch Screen data entry for standalone operation, Marshall/CBR/Quick un-drained
- Automatic single and dual frame control (with multiplex 50 frame)
- Log memory of 2 gigabytes
- Non-volatile memory
- Ethernet TCP/IP link and serial comms support
- Market leading signal stability
- Certificate and manual calibration features

Become a member of the ELE International web site, add this new product to a wishlist to receive a quote! Click here [\[Login\]](#)

This product is now available in the USA and Canada!



## 50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Load Measurement](#), [Electronic Instrumentation](#), [Force measurement](#), [Electronic Instrumentation](#)

Maximum working capacity of 50 kN and excitation 10 V AC/DC with an output of 2.7 mV/V nominal. Aluminium alloy and Stainless Steel construction with IP65 environmental protection. Fitted with 5-pin DIN plug.

## Standards

EN 12697-34

## Further Information

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



## Bulk Density Measure 30 Litre

Code: 34-2800

Product Group: Bulk Density Measures, Fresh Concrete - Bulk Density Measures

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812 or ASTM C-29. Other than the 3 litre size, all measures incorporate carrying handles as standard.

Complies to: ASTM C138, ASTM C29, BS 812, EN 1097-3, EN 12350-6

## Standards

BS 812, EN 1097-3, EN 12350-6, ASTM C138

## Further Information

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

For other bulk density measures see the aggregates section



## Bulk Density Measure 15 Litre

Code: [34-2820](#)

Product Group: [Bulk Density Measures, Fresh Concrete - Bulk Density Measures](#)

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812 or ASTM C-29. Other than the 3 litre size, all measures incorporate carrying handles as standard.

Complies to ASTM C138, ASTM C29, BS 812, EN 1097-3, EN 12350-6

## Further Information

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

For other bulk density measures see the aggregates section



## Bulk Density Measure 10 Litre

Code: 34-2830

Product Group: Bulk Density Measures, Fresh Concrete - Bulk Density Measures

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812, EN 1097-3, 12350-6 or ASTM C138. All measures incorporate carrying handles as standard. The measures are coated against corrosion.

## Standards

EN 12350-6, ASTM C138, EN 1097-3

## Further Information

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

For other bulk density measures see the aggregates section



## ASR Detect

Code: [35-2170](#)

Product Group: [ASR Detect Alkali Silica Reaction \(ASR\) Kit](#)

## Specification

### Components

One 60 ml bottle of yellow reagent, one 60 ml bottle of pink reagent, one 250 ml bottle of distilled water, two dispensing pipettes, protective gloves, goggles, apron and carrying case.

### Weight

Net 5 lbs. (2.3 kg).





## Sand Absorption Cone

Code: 42-1700

Product Group: Particle Density (specific gravity) and Water Absorption for Fine Aggregates, Sand Absorption Cone and Tamper

Made of brass to the dimensions given in BS 812, ASTM C128 and AASHTO T84.

## Standards

BS 812, ASTM C128, AASHTO T84



## Tamping Rod

Code: 42-1720

Product Group: Particle Density (specific gravity) and Water Absorption for Fine Aggregates, Sand Absorption Cone and Tamper

For use with cone. Tamping face is 25mm diameter and complies with BS 812, ASTM C128 and AASHTO T84.

## Standards

BS 812, ASTM C128, AASHTO T84



## Bulk Density Measure 3 Litre

Code: [42-1995](#)

Product Group: [Bulk Density Measures](#)

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812 or ASTM C-29. Other than the 3 litre size, all measures incorporate carrying handles as standard.

Complies to: ASTM C138, ASTM C29, BS 812, EN 1097-3, EN 12350-6.

## Standards

BS 812, ASTM C29

## Further Information

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



## Bulk Density Measure 7 Litre

Code: [42-2000](#)

Product Group: [Bulk Density Measures](#)

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812, EN 1097-3, 12350-6 or ASTM C138. All measures incorporate carrying handles as standard. The measures are coated against corrosion.

## Standards

BS 812

## Further Information

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



## Glass Bottle - 300 ml

Code: 42-3000

Product Group: [Organic Impurities in Fine Aggregate](#),  
[Organic Impurities in Fine Aggregate](#)

12 ounce (300 ml approx) capacity, graduated at 2, 4 and 7 ounce positions. Sodium Hydroxide pellets are required but not supplied by ELE.  
Complete with screw cap.

Complies to ASTM C40

## Standards

ASTM C40



## Colour Standard to ASTM C40

Code: 42-3040

Product Group: Organic Impurities in Fine Aggregate,  
Organic Impurities Test, Color Standard Chart,  
Organic Impurities in Fine Aggregate

With five organic colour transparencies mounted in a holder.

Complies to ASTM C40, AASHTO T21

## Standards

ASTM C40, AASHTO T21

## Specification

Color Standards

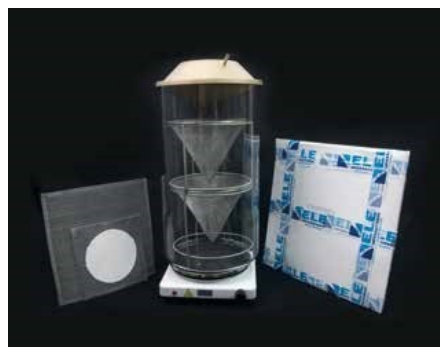
Dimensions

Weight

Five, on non-fading glass.

3" w. x 2-7/8" d. x 4" h. (76 x 73  
x 102 mm).

Net 4 oz. (113 g).



## Reflux Extractor (4000 gram)

Code: [45-3855/01](#)

Product Group: [Reflux Extraction](#)

- 4000 gram capacity
- Glass jar for visual observations
- Thermostatically controlled hot plate

The 4000 gram capacity of the Reflux Extractor provides higher accuracy for acceptance testing procedures. This extractor has two cone type screens holding 2000 grams each. The unit consists of two cone screens, water condenser, pyrex reflux jar, a thermostatically controlled hot plate and a supply of filter paper.

## Standards

ASTM D2172, AASHTO T164

## Further Information

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

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



## Filter Paper

Code: [45-3857](#)

Product Group: [Reflux Extraction](#)

Filter papers for 4000 gram capacity reflux extractor.  
Coarse-textured at grade 617 and 40 cm diameter.

## Standards

ASTM D2172, AASHTO T164

## Further Information

Pack of 50.





## Compaction Mould

Code: 45-6310

Product Group: Accessories for manual and automatic compaction, Asphalt Compaction Mould

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).



## Automatic Marshall Compactor for 4" Diameter ASTM

Code: 45-6800/01

Product Group: Automatic Compaction

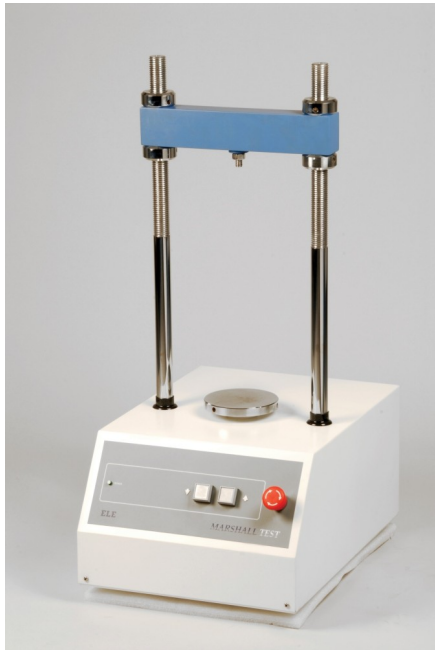
Automatic Marshall Compactor is designed to provide a stable and rigid mechanism to be used for preparation of bituminous specimens for Marshall Stability tests.

45-6800/01 Compactor for compaction of 4" dia. specimens features a heavy-duty design, which stands up well to the constant jarring caused by the compaction process. The compactors are equipped with a hand operated mould fixing mechanism which locks the mould in place during compaction and reduces vibration of the mould. The conveniently positioned control panel comprises of start/stop button, emergency stop button and a direct reading counter used to set the required number of blows. The operator can keep track of the number of blows on an LCD display. The apparatus stops automatically after the preset number of blows. The standard models can be supplied with a safety/noise reduction cabinet. The cabinet is lined internally with soundproofing material to reduce sound level conforming to CE directives.

Standards: ASTM D 1559, ASTM D 6926, AASHTO T245

## Specification

Drop numbers	55 +/- 5 blow/min
Sliding weight	4536 +/- 9 gr
Falling height	457 +/- 3 mm
Tamping face dia.	98.5 mm



## 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 minimal maintenance.

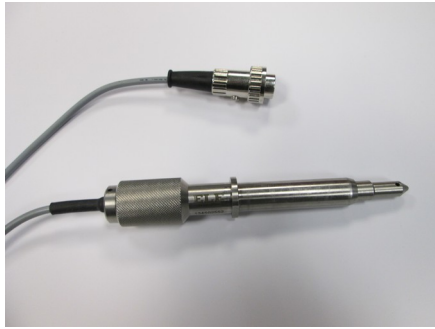
## Standards

EN 12697-34, EN 12697-23, BS 598-107, ASTM D6927, ASTM D6931

## 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.



## Flow Transducer 10 mm

Code: [45-6820/11](#)

Product Group: [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#)

Pre-calibrated, for use with breaking heads:

45-6850, for use with Marshall Load Frame  
45-6810/01 and 45-6810/06.

45-6855, for use with Marshall Stability Tester  
45-6829/02 and 45-6829/06.

## Standards

EN 12697-34



## Breaking Head (Marshall)

Code: [45-6850](#)

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

For use with Marshall Test Equipment. Complete with gauge disc. Supplied without flow meter.

Complies to BS 598

## Standards

EN 12697-34



## Hydrometer

Code: [82-3505](#)

Product Group: [Hydrometers, Aggregate Testing, Soundness of Aggregates](#)

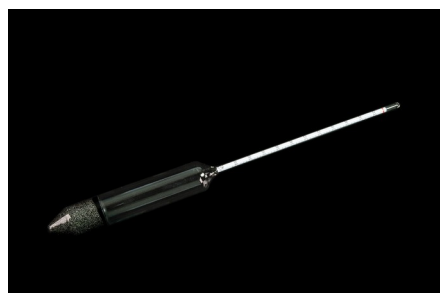
Type L50, ASTM C 88 graduated 1150 to 1200 relative density (used with sodium sulphate method).

## Standards

BS 812, EN 1367-2, ASTM C88, AASHTO T104, BS 7188

## Further Information

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



## Hydrometer

Code: [82-3510](#)

Product Group: [Hydrometers, Aggregate Testing, Soundness of Aggregates](#)

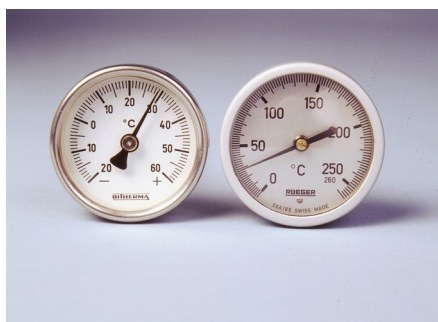
Type L50, ASTM C 88 graduated 1150 to 1200 relative density (used with magnesium sulphate method).

## Standards

BS 812, EN 1367-2, ASTM C88, AASHTO T104

## Further Information

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



## Portable Thermometer 100 ml

Code: [82-5247](#)

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

50 mm diameter dial with a 180 mm long stem.

## Further Information

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