



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

This wishlist was generated on 13/09/2017, and contains the following Products:

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82-8950/01

**Masonry Saw**

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23-1543

**Stillson Wrench Size 14.**

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23-1547

**Handle and T Piece for Use with EL23-1541.**

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23-1587

**Jarring Link for Driving Sample Tubes.**

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23-1617

**Spiral Auger 40mm Diameter. One Piece Model**

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23-1501

**100mm Dia Soil Auger Head**

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23-1504

**150mm Dia Soil Auger Head**

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23-1525

**50mm Dia Dutch Soil Auger Head.**

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23-1541

**Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads**

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23-1517

**150mm Dia Gravel Auger Head.**

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23-1577

**38mm Diameter Sample Tube 230mm Long Complete with End Caps.**

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26-3335

**H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.**

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29-3729

**Pocket Penetrometer.**

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23-4090

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

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23-4300

**Adaptor Plate for 23-4250 to Extrude 100mm/4 Inch Diameter and Marshall Specimens.**

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23-5800

**Hand Operated Soil Lathe for 38mm Dia Specimens Up to 100mm Long.**

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23-3500

**Rubber Headed Pestle.**

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29-4300

**6 Inch (152mm) Sand Cone.**

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23-3505

**Mortar and Pestle Porcelain.**

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29-4320

**5 Litre Plastic Container for Sand Cone**

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29-4340

**Density Plate for EL29-4300.**

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29-5300

**Core Cutter 100mm Id By 130mm Long.**

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29-5320

**Driving Dolly for EL 29-5300**

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29-5340

**Driving Rammer for EL 29-5320**

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39-1130

**Scraper**

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29-5040

**Club hammer**

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29-5000

**Density Spoon.**

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81-0594

## Chisel - Masonry Type

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24-4919

**Sand Equivalent Apparatus ASTM Aashto with Carrying Case.**

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24-4925

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

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24-4930

**Calcium Chloride 2.5Kg.**

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24-4932

**Formaldehyde 40% Aqueous Solution 2.5 Litre.**

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24-4934

**Glycerol Analar 2.5 Litre**

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24-4945/01

**Motorised Sand Equivalent Shaker ASTM. 220-240VK 50Hz 1Ph.**

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42-1000/01

**Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.**

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42-1005

**Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> Capacity with 1.7mm Wire Mesh.**

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82-7091

**Silica Gel**

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82-7720/01

**Vacuum Pump**

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82-2100

**Desiccator - Non-vacuum**

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82-2170

**Desiccator - Vacuum**

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24-9060

**Proctor Mould**

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24-9010

## Straight Edge 300mm.

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24-9063

## ASTM Compaction Rammer 2.5Kg.

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24-9070

## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

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24-9150/01

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

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24-9182

## Penetration Piston

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24-9184

## Penetration/Swell Dial Gauge ASTM.

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24-9188

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

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82-8950/12

## Diamond Blade

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## Masonry Saw

Code: 82-8950/01

Product Group: Masonry Saw

## Further Information

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

## Specification

Dimensions (l x w x h)	1195 x 705 x 1350 mm
Cutting depth with 300 mm diameter blade	110 mm
Electrical supply	220-240 V AC, 50 Hz, 1 ph, separate fused power supply and switching required
Rated power	2200 W
Weight	120 kg

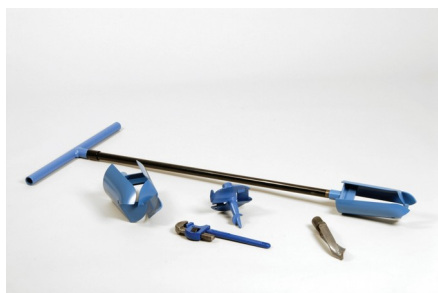


## Stillson Wrench Size 14.

Code: [23-1543](#)

Product Group: [Extension Rods, Handles and Tools](#)

Size 14, for use with 23-1541. Two required.

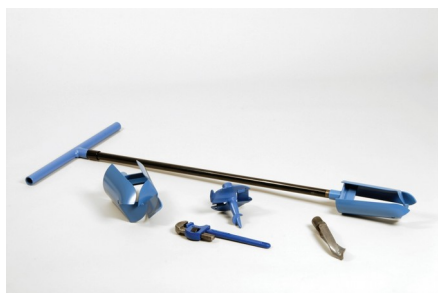


## Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)

Product Group: [Extension Rods, Handles and Tools](#)





## Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)

Product Group: [Extension Rods, Handles and Tools](#)

For driving sample tubes

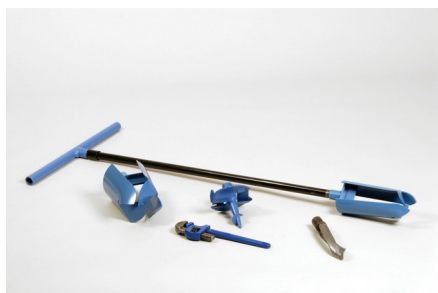


## Spiral Auger 40mm Diameter. One Piece Model

Code: [23-1617](#)

Product Group: [Soil and Gravel Auger Heads](#)

40 mm diameter x 200 mm long with rod and T-piece attached. Overall nominal length 1250 mm.



## 100mm Dia Soil Auger Head

Code: [23-1501](#)

Product Group: [Soil and Gravel Auger Heads](#)

Constructed of heavy-duty steel plates; partly interlocked at the cutting end and suitable for cohesive soils.

## Accessories



## 38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)



## Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)



## Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)



## Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)



## Spiral Auger 40mm Diameter. One Piece Model

Code: [23-1617](#)



## Stillson Wrench Size 14.

Code: [23-1543](#)

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### Alternatives



## 150mm Dia Gravel Auger Head.

Code: [23-1517](#)



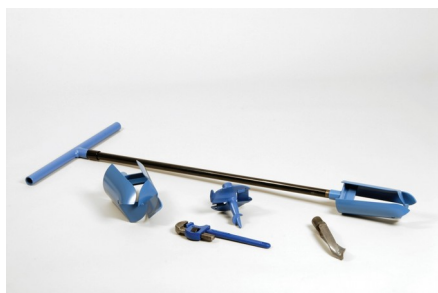
## 150mm Dia Soil Auger Head

Code: [23-1504](#)



## 50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)



## 150mm Dia Soil Auger Head

Code: [23-1504](#)

Product Group: [Soil and Gravel Auger Heads](#)

Constructed of heavy-duty steel plates; partly interlocked at the cutting end and suitable for cohesive soils.

## Accessories



## 38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)



## Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)



## Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)



## Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)



## Spiral Auger 40mm Diameter. One Piece Model

Code: [23-1617](#)



## Stillson Wrench Size 14.

Code: [23-1543](#)

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### Alternatives



## 100mm Dia Soil Auger Head

Code: [23-1501](#)



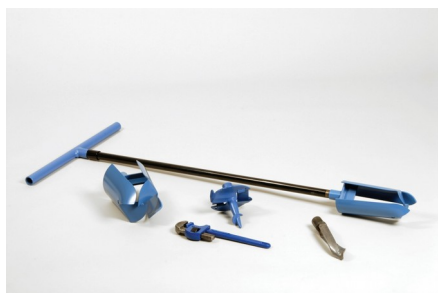
## 150mm Dia Gravel Auger Head.

Code: [23-1517](#)



## 50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)



## 50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)

Product Group: [Soil and Gravel Auger Heads](#)

Constructed of heavy-duty steel plates; partly interlocked at the cutting end and suitable for fine, silty sand.

## Accessories



## 38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)



## Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)



## Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)



## Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)



## Spiral Auger 40mm Diameter. One Piece Model

Code: [23-1617](#)



## Stillson Wrench Size 14.

Code: 23-1543

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### Alternatives



## 100mm Dia Soil Auger Head

Code: 23-1501



## 150mm Dia Gravel Auger Head.

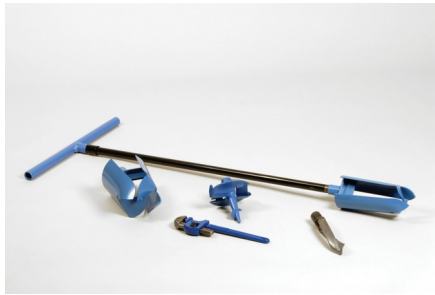
Code: 23-1517



## 150mm Dia Soil Auger Head

Code: 23-1504



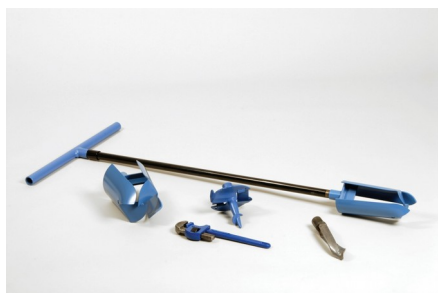


## Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)

Product Group: [Extension Rods, Handles and Tools](#)

With tube connector, constructed of steel tubing  
approximately 1 metre long.



## 150mm Dia Gravel Auger Head.

Code: [23-1517](#)

Product Group: [Soil and Gravel Auger Heads](#)

Comprises one piece steel casting with a spiral point and two plates designed to close when lifting samples from the borehole; suitable for gravel and sand.

## Accessories



## 38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)



## Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)



## Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)



## Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)



## Spiral Auger 40mm Diameter. One Piece Model

Code: [23-1617](#)



## Stillson Wrench Size 14.

Code: [23-1543](#)

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### Alternatives



## 100mm Dia Soil Auger Head

Code: [23-1501](#)



## 150mm Dia Soil Auger Head

Code: [23-1504](#)



## 50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)

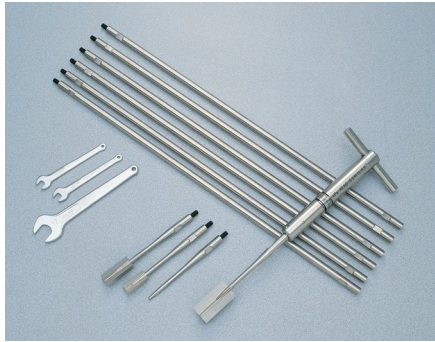


## 38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: [23-1577](#)

Product Group: [Extension Rods, Handles and Tools](#)

Supplied without Adaptor, but with two end caps



## **H60 Field Inspection Vane Tester 0-200Kpa In Carrying Case. includes calibration and certificates.**

Code: [26-3335](#)

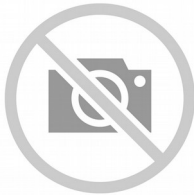
Product Group: [Inspection Vane](#)

This instrument is an essential tool for civil engineers involved in site investigation work. The unit is supplied in kit form with a carrying case incorporating the measuring head, extension rods, vanes, etc. The measuring head comprises a T-handle that is spring-loaded against the extension rod adaptor. Weight 3 kg.

### **Further Information**

Range 0 to 260 kPa, in carrying case with 6 x 0.5 metre extension rods, 3 vanes, dummy vane and tools. Supplied complete with Calibration Certificate.

### **Spares/Consumables**



## **H605 Extension Rod 0.5M and connection piece**

Code: [26-3335/11](#)

### **Alternatives**



## **Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.**

Code: [26-2114/02](#)



## Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: [26-2114/01](#)



## Pocket Penetrometer.

Code: [29-3729](#)

Product Group: [In-situ Testing](#), [Pocket Penetrometer](#), [Plate Bearing Apparatus](#)

- Direct-reading scale in tons/sq. ft. and kg/sq. cm.
- Ground and polished stainless steel loading piston.
- Calibrated spring and penetrometer body plated for rust resistance and long life.
- Convenient belt-loop style carrying case.
- Optional Adapter Foot for testing very soft materials.

The Pocket Penetrometer was originally developed for use by field personnel in checking visual classification of soils. Data was compiled on several thousand unconfined compressive strength tests of silty clays and clayey soils against the penetrometer readings to develop the scale.

## Further Information

**IMPORTANT:** the readings obtained from the pocket penetrometer do not replace laboratory test results due to the fact that a small area penetration test is inherently liable to give misleading results. The instrument should not be used for obtaining foundation design data.

## Specification

Range	0.25 to 4.5 tons/sq. ft. (kg/sq. cm).
Scale Divisions	0.25 tons/sq. ft. (kg/sq. cm).
Load Piston	1/4" (6 mm) diam.; stainless steel.
Carrying Case	Canvas; belt-loop style.
Dimensions	3/4" diam. x 6-3/8" l. (19 x 162 mm).
Weight	Net 7 oz. (198 g).

## Accessories



### Adaptor Foot

Code: [29-3729/10](#)

## Alternatives



## C.O.E Cone Penetrometer

Code: [29-3741](#)

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## Proctor & Mortar Penetrometer Set

Code: [29-3935](#)

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## Proving Ring Penetrometer

Code: [29-3739](#)





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

Code: [23-4090](#)

Product Group: [Soil Extruders](#)

This Sample Extruder comprises a vertically mounted lever action hydraulic jack, with the body extended to form a chamber which accommodates a 38 mm diameter sample tube. Supplied complete with trimming knife, 38 mm split former and wire saw.

Standards  
BS 1377-1

## Alternatives



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

Code: [23-4250](#)



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

Code: [23-4200](#)



## Adaptor Plate for 23-4250 to Extrude 100mm/4 Inch Diameter and Marshall Specimens.

Code: [23-4300](#)

Product Group: [Soil Extruders](#)

For use with 23-4250. Comprising an adaptor plate, retaining screws and a nominal 100 mm ram plunger. Enables extrusion from all ELE 100 mm moulds and core cutters listed in the table.

## Standards

BS 1377-1

## Further Information

Two extruders comprising a frame and hydraulic jack supplied with adaptor plates to enable a range of sample extrusion from all ELE moulds indicated in the table.



## Hand Operated Soil Lathe for 38mm Dia Specimens Up to 100mm Long.

Code: [23-5800](#)

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

For producing 38 mm diameter specimens. The lathe platen is adjustable in height and will accept specimens up to 100 mm in length.

## Standards

BS 1377-1

## Further Information

- Lightweight frame construction for both laboratory and field use.
- Sturdy plated steel uprights serve as guides for wire saw during final trimming procedure.
- Adjustable upper platen trimming for various sample heights.

Wire Saw and other trimming accessories not included; order separately.

## Accessories



### Trimming Knife

Code: [81-0710](#)

## Alternatives



## 1.4" and 2.8" Hand Specimen Trimmer

Code: 23-5802



## Rubber Headed Pestle.

Code: [23-3500](#)

Product Group: [Sample Reduction](#)

Specially made for gently grinding soils without breaking the individual particles. Suitable for BS 1377, 1924; ASTM D421; AASHTO T87.

## Standards

BS 1377, BS 1924, ASTM D421, AASHTO T87

## Alternatives



## Mortar and Pestle Porcelain.

Code: [23-3505](#)



## 6 Inch (152mm) Sand Cone.

Code: [29-4300](#)

Product Group: [Sand Cone 6"](#)

Comprising two cones with a shutter mechanism.  
Supplied without sand container.

## Standards

ASTM D1556, AASHTO T191

## Accessories



### 5 Litre Plastic Container for Sand Cone

Code: [29-4320](#)



### Density Plate for EL29-4300.

Code: [29-4340](#)



### Standard Sand - 600/300 $\mu\text{m}$

Code: [82-7401](#)



## Mortar and Pestle Porcelain.

Code: [23-3505](#)

Product Group: [Sample Reduction](#)

Thick walled porcelain mortar; 107mm internal diameter and porcelain pestle.

## Alternatives



## Heat of Hydration Apparatus

Code: [38-4600/06](#)



## Heat of Hydration Apparatus

Code: [38-4600/01](#)



## Rubber Headed Pestle.

Code: [23-3500](#)



## 5 Litre Plastic Container for Sand Cone

Code: [29-4320](#)

Product Group: [Sand Cone 6"](#)

5 litre capacity for fitting to 29-4300

## Standards

ASTM D1556, AASHTO T191





## Density Plate for EL29-4300.

Code: [29-4340](#)

Product Group: [Sand Cone 6"](#)

For 6 inch sand cone. The plate has a 6.5 inch diameter recessed hole to locate the sand cone.

## Standards

ASTM D1556, AASHTO T191

## Accessories



### Standard Sand - 600/300 $\mu\text{m}$

Code: [82-7401](#)

## Alternatives



### Standard Sand - 600/300 $\mu\text{m}$

Code: [82-7401](#)



## Core Cutter 100mm Id By 130mm Long.

Code: [29-5300](#)

Product Group: [Core Cutter Apparatus](#)

Standards  
BS 1377

## Accessories



### Driving Dolly for EL 29-5300

Code: [29-5320](#)



### Driving Rammer for EL 29-5320

Code: [29-5340](#)



## Driving Dolly for EL 29-5300

Code: [29-5320](#)

Product Group: [Core Cutter Apparatus](#)

## Standards

BS 1377



## Driving Rammer for EL 29-5320

Code: [29-5340](#)

Product Group: [Core Cutter Apparatus](#)

## Standards

BS 1377



## Scraper

Code: [39-1130](#)

Product Group: [Moulding of Prisms](#)

Double-ended, used for spreading and levelling mortar in mould.

## Standards

EN 196-1, EN 413-2, EN 459-2, EN 1744-1, EN 1015-10, EN 13454-2, ISO 679, BS 3892-1, BS 4551-1

## Further Information

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



## Club hammer

Code: [29-5040](#)

Product Group: [Permeability](#)

Steel head and strong wooden shaft



## Density Spoon.

Code: [29-5000](#)

Product Group: [Field density tools](#)

For removing soil from the hole



## Chisel - Masonry Type

Code: [81-0594](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

## 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

## Accessories



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

Code: [24-4925](#)



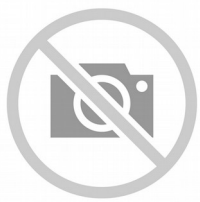
### Calcium Chloride 2.5Kg.

Code: [24-4930](#)



### Formaldehyde 40% Aqueous Solution 2.5 Litre.

Code: [24-4932](#)



## Glycerol Analar 2.5 Litre

Code: [24-4934](#)



## 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 40% Aqueous Solution 2.5 Litre.

Code: [24-4932](#)

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

40% solution

### Standards

ASTM D2419, AASHTO T176

### Further Information

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



## 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\*\***



## Motorised Sand Equivalent Shaker ASTM. 220-240VK 50Hz 1Ph.

Code: [24-4945/01](#)

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

Bench mounting mechanical sand equivalent shaker with a stroke of 203mm (8 inches) and a running frequency of 175 cycles per minute. The integral timer stops shaker upon test completion. For use on 220-240v 50Hz 1ph.

### Further Information

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

Recommended for use in laboratories performing a large number of tests, motorised shakers provide a consistent and repeatable oscillation, minimising variation in test results.



## Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.

Code: [42-1000/01](#)

Product Group: [Particle Density \(specific gravity\) and Water Absorption for Coarse Aggregates](#)

The buoyancy balance system developed by ELE consists of a rigid support frame, incorporating a water tank mounted on a platform. A mechanical lifting device is used to raise the water tank through the frame height immersing the specimen suspended below the balance. The balance supplied may also be used as a standard weighing device, thus providing a versatile and comprehensive weighing system in the laboratory. 6000 g x 0.1 g supplied with frame, water tank and suspension hook.

## Standards

EN 1097-6, EN 12697-6, BS 812, ASTM C127, AASHTO T85

## Further Information

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

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

## Accessories



### 200 mm Diameter Lid

Code: [79-0010](#)



### 200 mm Diameter Receiver

Code: [79-0020](#)





## 200mm Dia BS Sieve 31.5mm Perforated Plate.

Code: [79-1630](#)

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## 200mm Dia BS Sieve 4.00mm Stainless Steel Mesh.

Code: [79-0310](#)

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## 200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)

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## 200mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-1670](#)

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## Digital Pocket Thermometer

Code: [82-5420](#)



## Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)



## Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)



## Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> Capacity with 1.7mm Wire Mesh.

Code: [42-1005](#)



## Wire Basket Brass with Handle Nominal 6000Cm<sup>3</sup> Capacity with 1.7mm Wire Mesh.

Code: 42-1005

Product Group: Particle Density (specific gravity) and  
Water Absorption for Coarse Aggregates

For BS 812 Relative Density. 200 mm diameter x 190  
mm deep, 1.70 mm wire mesh.

### Standards

EN 1097-6, EN 12697-6, BS 812, ASTM C127, AASHTO T85

### Further Information

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



## Silica Gel

Code: [82-7091](#)

Product Group: [Chemicals, Test and Reference Materials](#)

Coarse. No hazard. 500 g.

## Further Information

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



## 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 <sup>3</sup> /hour)
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Weight	12.7 kg



## Desiccator - Non-vacuum

Code: [82-2100](#)

Product Group: [Desiccators](#)

200 mm internal diameter borosilicate glass. Supplied with perforated zinc disc.

## Further Information

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



## Desiccator - Vacuum

Code: [82-2170](#)

Product Group: [Desiccators](#)

280 mm internal diameter, soda glass. Supplied with perforated zinc disc and stopcock.

## Further Information

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



## Proctor Mould

Code: [24-9060](#)

Product Group: [Accessories for ASTM and Proctor compaction](#), [Proctor compaction](#)

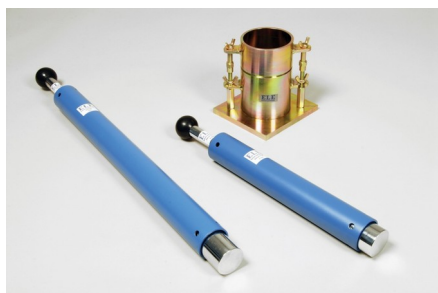
## Standards

ASTM D558, ASTM D559, ASTM D560, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

## Specification

Dimensions	101.6 mm dia x 116.4 mm high
Rammer Mould Volume	1/30 ft <sup>3</sup>
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.4 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

## Accessories



### ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

## Alternatives



### ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Product Group: [Proctor compaction](#), [Standard Compaction Hammer](#)

50.8mm diameter x 305mm deep.

## Standards

ASTM D1557, AASHTO T180, ASTM D558, ASTM D559, ASTM D560, ASTM D698, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136

## Specification

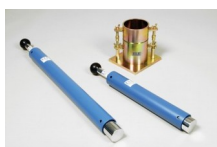
Hammer	2" diam. (50.8 mm); 5-1/2 lbs. (2.49 kg).
Drop	12 " (305 mm).
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight	4.1 kg (9 lbs)

## Accessories



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

Code: [24-9010](#)

## Alternatives



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

Code: [24-9010](#)



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)

Product Group: [ASTM/Modified Proctor compaction, Modified Compaction Hammer](#)

50.8mm diameter x 457.2 mm drop.

## Standards

ASTM D1557, AASHTO T180

## Specification

Hammer	2" diam. (50.8 mm); 10 lbs. (4.5 kg).
Drop	18" (457.2 mm).
Guide Sleeve	Machined steel tubing with integrally spun end cap; air pressure release holes.
Finish	Corrosion resistant
Weight	Net 6.3 kg (14 lbs)

## Accessories



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

## Alternatives



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)



## 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

## Accessories



### 50kN Clamped Boss Load Ring

Code: [78-0860](#)



### 50kN S-type Load Cell

Code: [27-1559](#)



## ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



## BS Cbr Mould Body.

Code: [24-9198](#)



## BS Extension Collar

Code: [24-9200](#)



## BS Solid Base or Top Plate

Code: [24-9204](#)



## 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](#)



## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



## Penetration Dial Gauge BS

Code: [24-9186](#)



## Penetration Piston

Code: [24-9182](#)



## Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

## Alternatives



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

Code: [24-9150/02](#)



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

Code: [24-9150/06](#)



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

Code: [24-9150/01](#)





## MultiPlex 50 Load Frame

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



## Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration Measurement](#)

1.935 mm<sup>2</sup> (3 in<sup>2</sup>) area foot of case hardened steel.  
Designed to fit all ELE load rings.



## Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Product Group: [Expansion \(swell\) Test Equipment](#),  
[In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#),  
[Penetration Measurement](#)

1 in travel x 0.0005 in divisions. Complete with rack extensions and chisel edge anvil.

## Standards

BS 1377, BS 1924



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

Code: 24-9188

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

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

### Standards

BS 1377, BS 1924



## Diamond Blade

Code: [82-8950/12](#)

Product Group: [Masonry Saw](#)

Accessory. Wet cutting. Blade diameter 350 mm, depth of cut 110 mm.

## Further Information

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