



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

This wishlist was generated on 27/01/2017, and contains the following Products:

485-031/01

Uv/Vis Spectrophotometer with 100 Plastic Cuvettes 10X10mm Cell Holder Instructions & Mains Lead

25-0650

Guelph Permeameter Supplied Complete with Extension Kit.

83-4170/01

Muffle Furnace

82-8020/01

Distilled Water Still

525-355/01

Digestion Unit 8 place, semi-auto c/w block,rack, heat shield, exhaust,

525-375/01

Automatic distillation unit 220-240V 50/60Hz 1ph

24-4640

Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

532-120/10

15-Bar Pressure Plate Cell.

532-107

5-Bar Pressure Plate Cell

532-106

3-Bar Pressure Plate Cell

532-104

1-Bar Pressure Plate Cell

532-108

Soil Sample Retaining Rings Pack of 12.

532-136

Combination Manifold.

532-111

Hose Manifold to 5 Bar Extractor.

532-112

Hose Manifold to 15 Bar Extractor.

532-182

Connection Set for 532-180 Series.

80-0200/01

ELE Sieve Shaker

29-3729

Pocket Penetrometer.

23-1501

100mm Dia Soil Auger Head

23-1504

150mm Dia Soil Auger Head

23-1517

150mm Dia Gravel Auger Head.

23-1525

50mm Dia Dutch Soil Auger Head.

23-1547

Handle and T Piece for Use with EL23-1541.

23-1541

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

23-1587

Jarring Link for Driving Sample Tubes.

23-1577

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

23-4200

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

23-1543

Stillson Wrench Size 14.

24-0811

Rod Comparator

81-0120

Spatula 150 mm

24-0434

**Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter.
Supplied Less Grooving Tool.**

24-0461

Casagrande Grooving Tool Aashto

24-0425

Grooving Tool and Gauge B.S.

24-0430

Glass Plate.

82-2000

Evaporating Dish - 150 x 45 mm

81-0100

Spatula 100 mm

81-0094

Support Assembly

81-2979

Moisture Content Tin

82-2500

Wash Bottle

24-1800

Shrinkage Mould to BS 1377

81-0588

Vernier Caliper Range 0 to 200mm X 0.02mm.

82-7031

Paraffin Wax

78-5335/01

Electronic Balance - 220g x 0.001g

78-1215/01

50 Litre Drying Oven

25-3700/01

MultiPlex 50 Load Frame

25-3650

Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.



Uv/Vis Spectrophotometer with 100 Plastic Cuvettes 10X10mm Cell Holder Instructions & Mains Lead

Code: [485-031/01](#)

Product Group: [General laboratory instrumentation](#)

Spares/Consumables



Spare Xenon lamp module

Code: [485-031/10](#)



Guelph Permeameter Supplied Complete with Extension Kit.

Code: [25-0650](#)

Product Group: [Guelph Permeameter, Guelph Permeameter](#)

- Lightweight and portable
- Robust construction
- Requires only 2.5 litres of water
- Results usually within 2 hours

The Guelph Permeameter is used to obtain accurate measurements of hydraulic conductivity, soil sorptivity and soil matrix flux potential. These three factors govern how liquids will move through an unsaturated soil profile.

Recent significant advances in both the theoretical and practical techniques of measuring soil hydraulic conductivity have been made by the University of Guelph, Canada. This has resulted in the development of the Guelph Permeameter, utilising the Constant Head Well principle.

Standards

ASTM D5126

Further Information

Guelph Permeameter Set Includes:-

- 1 Field Tripod
- 1 Well Auger
- 1 Well Tripod
- 1 Preparation Tool
- 1 Hand Pump
- 1 Extension Kit (extends depth by 800 mm)
- 1 Collapsible Water Container
- 1 Set of Instructions and Carrying Case

Specification

Cell	Plated seamless tube 100 mm diameter x 130 mm height
Capacity	3.18 Litres
Base	Porous plate with three tie rods
Top plate	Machined to accept smaller tubes
Net Weight	13.6 kg
Overall Weight	111 kg
Permeameter	High impact polycarbonate, molded elastomers.

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Auger	2" (50.8 mm) diam.; machined steel.
Carrying Case	Die-cut foam for parts storage.
Test Time	1/2 – 2 hours.
Test Depth	15 to 75 cm (0.5 to 2.5 ft).
Hydraulic Conductivity Range	10-4 to 10-8 m/sec (10-2 to 10-6 cm/sec).
Weight	Net 30 lbs. (13 .6 kg).

Accessories



Permeameter Extension Kit

Code: [25-0655](#)



Muffle Furnace

Code: [83-4170/01](#)

Product Group: [Furnaces](#), [Loss-on-Ignition](#),
[Loss-on-Ignition](#)

Standards

EN 196-2, EN 459-2, EN 13454-2, BS 1016-4, ISO 344, ISO 1171, ASTM D2361, ASTM D2795, ASTM D3714

Specification

External Dimensions (l x w x h)	545 x 385 x 400 mm
Work chamber dimensions (l x w x h)	300 x 200 x 120 mm
Internal volume	6.9 litres
Maximum temperature	1200 °C
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Power supply	3500 W
Weight	130 kg

Spares/Consumables



Controller, for use in 83-4170/01

Code: [83-4170/11](#)



Element heating for use in 83-4170

Code: [83-4170/14](#)



Element/Chamber complete, heating, for use in 83-4170/01

Code: [83-4170/12](#)



Refractory brick for 83-4170/01

Code: [83-4170/13](#)



Thermostat, KGrade, 370 long, dia 2.5, for 83-4170/01

Code: [83-4170/10](#)

Alternatives



Heat of Hydration Apparatus

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



Heat of Hydration Apparatus

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



Rotatest 1500

Code: [45-3810/01](#)



Rotatest 3000

Code: [45-3815/01](#)



Distilled Water Still

Code: [82-8020/01](#)

Product Group: [Distilled Water Still](#)

Further Information

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

Specification

Dimensions (l x w x h)	590 x 530 x 940 mm
Boiling chamber	Glass
Condenser	Borosilicate glass
Output	3.5 litres/hr when permanently connected to water supply
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power	2.75 kW
Weight	12 kg



Digestion Unit 8 place, semi-auto c/w block, rack, heat shield, exhaust,

Code: [525-355/01](#)

Product Group: [Kjedahl apparatus](#)

Supplied with digestion block, carrying rack with heat shield, exhaust system, two-tier console, instruction manual and 8 digestion tubes, 250 ml, 300 x 42 mm.

Further Information

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

Spares/Consumables



Digestion Tube Macro 250MI

Code: [525-355/10](#)



Automatic distillation unit 220-240V 50/60Hz 1ph

Code: [525-375/01](#)

Product Group: [Kjedahl apparatus](#)

- Fully automatic steam generator.
- Electronic control of steam pressure and water level.
- Programmable, utilising microprocessor control.

This distillation unit is fully automatic with full microprocessor control. The operator has only to insert the digestion tube and the distillate receiver vessel.

The control display is a back-lit LCD with 2 x 16 character lines. Information is entered via the touch sensitive keypad which has numerical characters for entering distillation program parameters, and manual function keys to activate the chemical addition pumps and for programming.

There are 10 programmes with 0-8 for Kjeldahl and associated distillations and 9 for alternative distillation work. Each of the programmes have the following variables entered in sequence. All the programme steps are controlled by time with chemical addition pumps having a known flow rate of 13 ml/second.

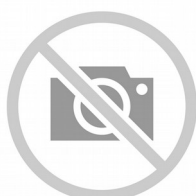
The unit is divided into 4 chambers, distillation, instrumentation, steam generation and chemical pumps, for maximum protection of the various components. All the functions of the unit are monitored and errors are displayed on the character display.

This unit has a manual end point titration.

Further Information

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

Accessories



Storage tanks for automatic distillation units-set of 3

Code: [525-376](#)



Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to +60G/Litre.

Code: [24-4640](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

Graduated -5 to +60 g/litre.

Standards

BS 1377, EN 1997-2, ASTM D422, ASTM E100, AASHTO T88

Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).

Alternatives



Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

Code: [24-4620](#)



Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

Code: [24-4650](#)



15-Bar Pressure Plate Cell.

Code: [532-120/10](#)

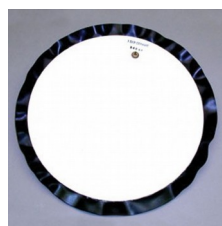
Product Group: [Pressure plate extractors](#)

Accessories



1-Bar Pressure Plate Cell

Code: [532-104](#)



3-Bar Pressure Plate Cell

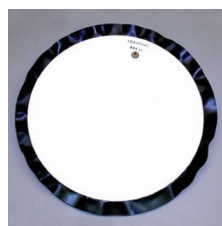
Code: [532-106](#)

Alternatives



1-Bar Pressure Plate Cell

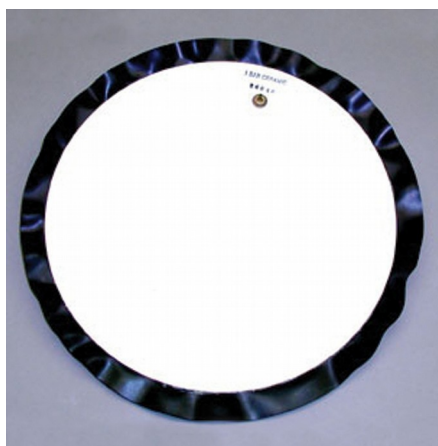
Code: [532-104](#)



3-Bar Pressure Plate Cell

Code: [532-106](#)





5-Bar Pressure Plate Cell

Code: [532-107](#)

Product Group: [Pressure plate extractors](#)

Developed from a complex mixture of ball clays into a fired ceramic body. Good porosity and good hydrologic flow capability. The material is very hard and brownish-white in colour, is not recommended for fluid sampling. Recommended for specialised applications where the pressure differentials are under 5 Bar (72.5 psi). Typical bubbling pressure: 80 psi. Effective pore size: 0.5 micron. Hydraulic conductivity: .000000121 cm/sec. Approximate porosity: 31% by vol. Flow through.

Specification

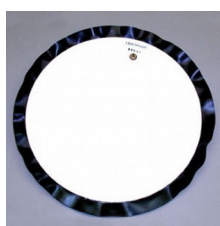
Weight	1 kg
Diameter	27.30 cm

Accessories



1-Bar Pressure Plate Cell

Code: [532-104](#)



3-Bar Pressure Plate Cell

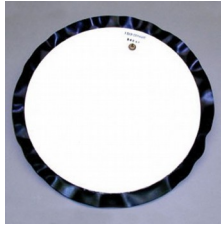
Code: [532-106](#)

Alternatives



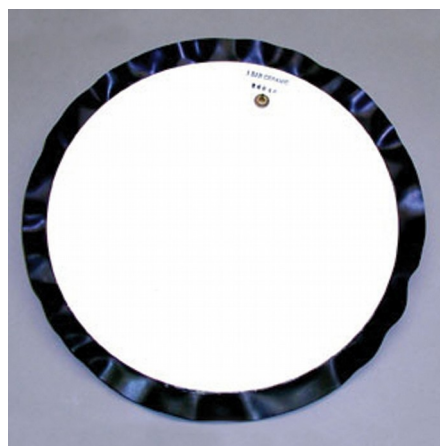
1-Bar Pressure Plate Cell

Code: [532-104](#)



3-Bar Pressure Plate Cell

Code: [532-106](#)



3-Bar Pressure Plate Cell

Code: [532-106](#)

Product Group: [Pressure plate extractors](#)

A complex mixture of ball clays into a moderately fired ceramic body. Good porosity and good hydrologic flow capability. The material is moderately hard and tannish-white in colour, not recommended for fluid sampling. Recommended for specialised applications where the pressure differentials are under 3 Bars (43.5 psi). Typical bubbling pressure: 46 - 70 psi. Effective pore size: 0.7 microns. Hydraulic conductivity: .00000025 cm/sec. Approximate porosity: 34% vol. Flow through.

Specification

Weight	1 kg
Diameter	27.30 cm

Accessories



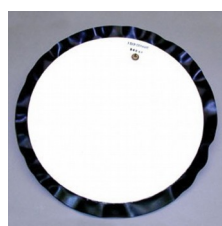
1-Bar Pressure Plate Cell

Code: [532-104](#)



15-Bar Pressure Plate Cell.

Code: [532-120/10](#)



5-Bar Pressure Plate Cell

Code: [532-107](#)

Alternatives



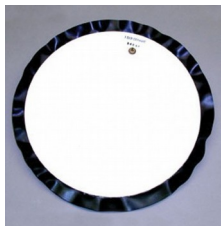
1-Bar Pressure Plate Cell

Code: [532-104](#)



15-Bar Pressure Plate Cell.

Code: [532-120/10](#)



5-Bar Pressure Plate Cell

Code: [532-107](#)



1-Bar Pressure Plate Cell

Code: [532-104](#)

Product Group: [Pressure plate extractors](#)

Developed from a high fired Alumina body. Extremely porous, inert to most all solutions, possesses hard exterior and interior surfaces, and pure white in colour. Recommended for standard pressure differentials under 1 Bar (14.5 psi). Typical bubbling pressure: 28 - 32 psi. Effective pore size: 2.5 microns. Hydraulic conductivity: .0000086 cm/sec. Approximate porosity: 45% by vol. Flow through.

Specification

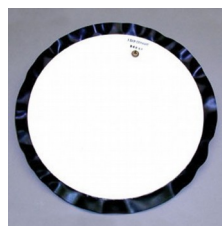
Weight	1.17 kg
Diameter	27.30 cm
Dimensions (l x w x h)	15 x 15 x 5 cm

Accessories



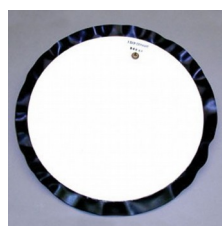
15-Bar Pressure Plate Cell.

Code: [532-120/10](#)



3-Bar Pressure Plate Cell

Code: [532-106](#)



5-Bar Pressure Plate Cell

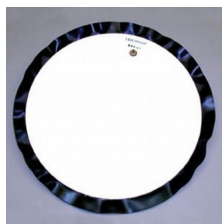
Code: [532-107](#)

Alternatives



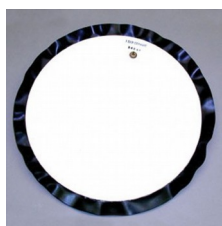
15-Bar Pressure Plate Cell.

Code: [532-120/10](#)



3-Bar Pressure Plate Cell

Code: [532-106](#)



5-Bar Pressure Plate Cell

Code: [532-107](#)



Soil Sample Retaining Rings Pack of 12.

Code: [532-108](#)

Product Group: [Pressure plate extractors](#)



Combination Manifold.

Code: [532-136](#)

Product Group: [Pressure plate extractors](#)

This is required to regulate gas pressure source in pressure plate extraction systems.

There are 3 types available to cover all requirements and they enable precise control of pressure.

Pressure manifolds are an essential component in pressure plate extraction systems. They are required to control the air pressure, from a compressor or compressed air vessel, into the extractor. ELE can supply three different types to cover all requirements.

Low pressure manifold: for 0-5 bar systems.

Low to high pressure manifold: for 1-15 bar systems.

Combination manifold: for both 0-5 and 1-15 bar systems running in parallel.

The combination manifold combines both the low pressure and low to high pressure manifolds.

Specification

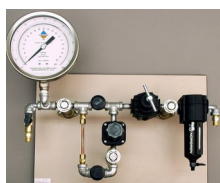
Pressure Range	1 to 75 psi
Weight	12 kg
Dimensions	685 x 483 x 330 mm

Alternatives



Low Pressure Manifold

Code: [532-110](#)



Low to high pressure manifold.

Code: [532-128](#)



Hose Manifold to 5 Bar Extractor.

Code: [532-111](#)

Product Group: [Pressure plate extractors](#)



Hose Manifold to 15 Bar Extractor.

Code: [532-112](#)

Product Group: [Pressure plate extractors](#)



Connection Set for 532-180 Series.

Code: [532-182](#)

Product Group: [Pressure plate extractors](#)



ELE Sieve Shaker

Code: [80-0200/01](#)

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.

Further Information

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

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, 50 Hz 1ph.



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](#)



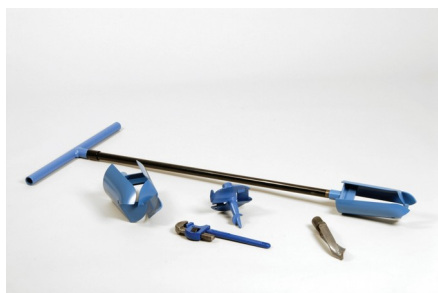
Proctor & Mortar Penetrometer Set

Code: [29-3935](#)



Proving Ring Penetrometer

Code: [29-3739](#)



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](#)

Alternatives



150mm Dia Gravel Auger Head.

Code: [23-1517](#)



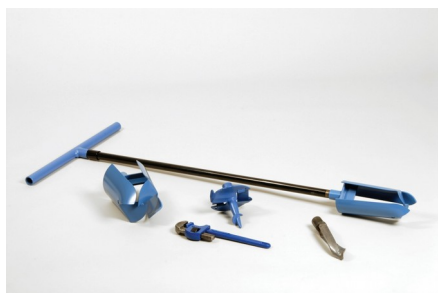
150mm Dia Soil Auger Head

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](#)

Alternatives



100mm Dia Soil Auger Head

Code: [23-1501](#)



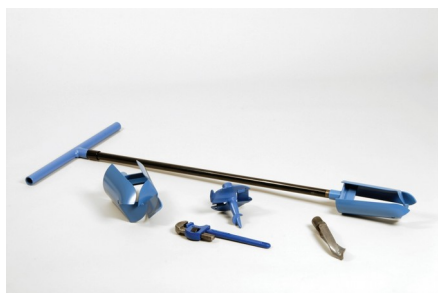
150mm Dia Gravel Auger Head.

Code: [23-1517](#)



50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)



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](#)

Alternatives



100mm Dia Soil Auger Head

Code: [23-1501](#)



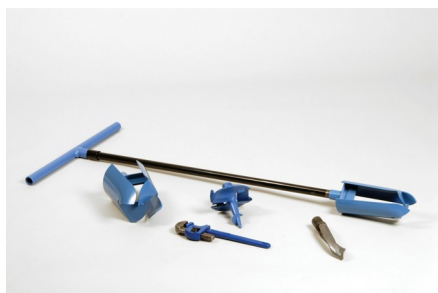
150mm Dia Soil Auger Head

Code: [23-1504](#)



50mm Dia Dutch Soil Auger Head.

Code: [23-1525](#)



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

Alternatives



100mm Dia Soil Auger Head

Code: 23-1501



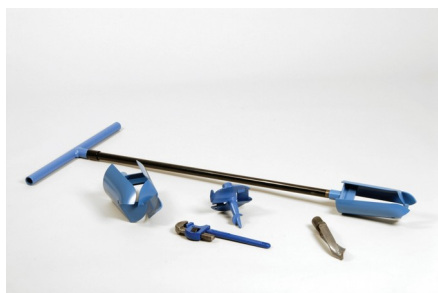
150mm Dia Gravel Auger Head.

Code: 23-1517



150mm Dia Soil Auger Head

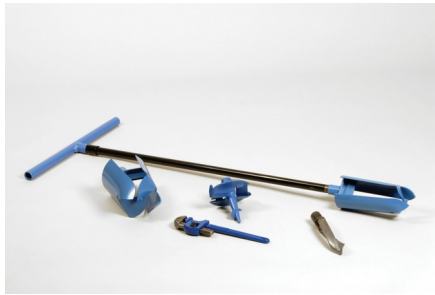
Code: 23-1504



Handle and T Piece for Use with EL23-1541.

Code: [23-1547](#)

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

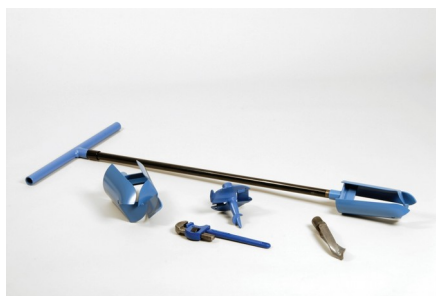


Extension Rod 27mm Diameter 1m Long. for Use with Auger Heads

Code: [23-1541](#)

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

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



Jarring Link for Driving Sample Tubes.

Code: [23-1587](#)

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

For driving sample tubes



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



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



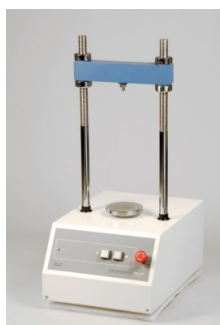
38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

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](#)



Stillson Wrench Size 14.

Code: [23-1543](#)

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

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



Rod Comparator

Code: [24-0811](#)

Product Group: [Rod Comparator, Determination of Plastic Limit](#)

3mm diameter rod comparator to BS1377.

Standards

BS 1924-2, EN 1997-2, ASTM D4318, BS 1377, AASHTO T90



Spatula 150 mm

Code: [81-0120](#)

Product Group: [Spatulas](#)

Further Information

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



Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter. Supplied Less Grooving Tool.

Code: [24-0434](#)

Product Group: [Casagrande Method](#)

Complete with revolution counter. Supplied less grooving tool.

Standards

ASTM D4318, AASHTO T89

Accessories



ASTM Metal Grooving Tool.

Code: [24-0453](#)



Casagrande Grooving Tool Aashto

Code: [24-0461](#)



Casagrande Grooving Tool Aashto

Code: [24-0461](#)

Product Group: [AASHTO Grooving Tool, Casagrande Method, Motorized Liquid Limit Device](#)

- Rust resistant brass construction.
- 1 cm gage block located at end of handle.

The AASHTO Grooving Tool is used to control the width of the soil groove in the liquid limit cup, in accordance with AASHTO specifications.

Standards

AASHTO T89

Further Information

Brass construction with a gauge height of 1 cm.

Specification

Construction	Brass.
Gauge Height	1 cm.
Weight	Net 3 oz. (85 g).

Spares/Consumables



ASTM Plastic Grooving Tools

Code: [24-0451](#)



Grooving Tool and Gauge B.S.

Code: [24-0425](#)

Product Group: [Casagrande Method](#)

Constructed to British Standards.

Standards

BS 1377-2



Glass Plate.

Code: [24-0430](#)

Product Group: [Casagrande Method, Determination of Plastic Limit](#)

500 mm square x 10 mm thick.

Standards

BS 1377-2



Evaporating Dish - 150 x 45 mm

Code: [82-2000](#)

Product Group: [Volumetric Shrinkage, Evaporating Dishes](#)

Shallow form with spout, porcelain 150 x 45 mm nominal diameter x height.

Further Information

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



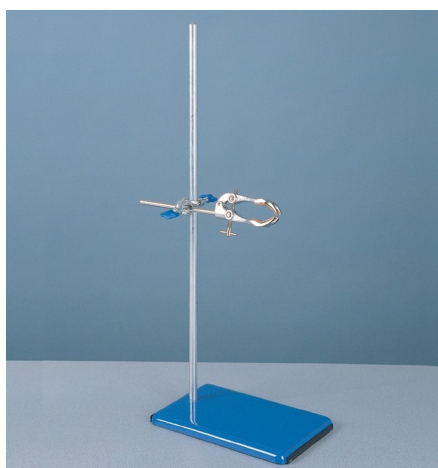
Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

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



Support Assembly

Code: [81-0094](#)

Product Group: [Stand, Bosshead and Clamp](#)

- Retort stand and clamp for general purpose

Further Information

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



Moisture Content Tin

Code: [81-2979](#)

Product Group: [Moisture Content Tin and Sample Containers](#)

Further Information

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



Wash Bottle

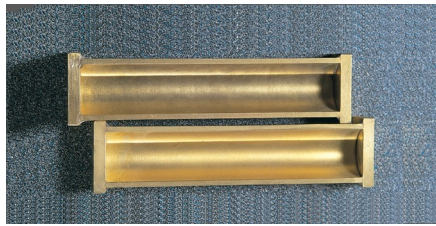
Code: [82-2500](#)

Product Group: [Bottles and Crucibles](#)

Polythene, 500 ml capacity.

Further Information

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



Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

Standards

BS 1377

Accessories



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

Product Group: [Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware](#)

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Standards

EN 933-4, BS 1377



Paraffin Wax

Code: [82-7031](#)

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

No hazard (congealing point approx 49°C). 5 kg block.

Further Information

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

Accessories



Vibrating Hammer

Code: [47-0455/01](#)

Alternatives



Vibrating Hammer

Code: [47-0455/01](#)



Electronic Balance - 220g x 0.001g

Code: [78-5335/01](#)

Product Group: [Electronic Balances](#)

Further Information

****Not available for sale in the USA****

Specification

Capacity resolution	220 g x 0.001 mg
Pan size	120 mm dia
Mains and battery	No
Dimensions (w x d x h)	220 x 310 x 270 mm
Weight	12 kg
Weighing units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit
Readability	0.001 mg



50 Litre Drying Oven

Code: [78-1215/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

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

Alternatives



100 Litre Drying Oven

Code: [78-1225/01](#)



150 Litre Drying Oven

Code: [78-1235/01](#)



225 Litre Drying Oven

Code: [78-1250/01](#)



425 Litre Drying Oven

Code: [78-0135/01](#)





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](#)



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](#)



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 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](#)



Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

Code: [25-3650](#)

Product Group: [N/A](#)

Standards

ASTM D2166, AASHTO T208, BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193