



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

This wishlist was generated on 25/08/2017, and contains the following Products:

25-3605

**Unconfined Compression Tester, Hand-Operated**

26-2114/01

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

24-9150/01

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

2230/01

**DataSystem Consolidation Test Set 220 vAC**

25-0402

**Consolidation Frame One Dimensional Consolidation Incremental Loading Device.**

25-3518/02

**Digital Tritest 50 Load Frame**

25-0580

**Constant Head Permeability Cell 75mm Diameter Specimen.**

29-5300

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

24-9090/01

**Automatic Soil Compactor BS 220-240V 50Hz 1Ph.**

24-0540

**Cone Penetrometer. Complete with Stainless Steel Test Cone.**

24-1800

**Shrinkage Mould to BS 1377**

2820E

**Shrinkage Limit Set**

24-4620

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

25-0690

## Tri-Flex 2 Permeability Test Cell

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23-1577

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

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521-080

**Water Test Kit. Includes Tests for Ph Chloride Total Hardness and Iron.**

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513-018

**Combination Soil Analysis Test Kit**

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88-6302

**Glass Specific Gravity Bottle - 50 ml Capacity**

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23-3425

**Large Capacity Sample Splitter.**

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81-5020

**Bowl - 2.5 litre**

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81-0220

**Aluminium Scoop Large**

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82-7720/01

**Vacuum Pump**

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81-0588

**Vernier Caliper Range 0 to 200mm X 0.02mm.**

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82-2170

**Desiccator - Vacuum**

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82-8020/01

**Distilled Water Still**

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## Unconfined Compression Tester, Hand-Operated

Code: [25-3605](#)

Product Group: [Unconfined Compression Tester,  
Hand-Operated](#)

6.6 kN load capacity.

## Standards

ASTM D2166, AASHTO T208

## Specification

Specimen Height	Up to 8" (203 mm).
Platens	3" (76 mm) diam.; with concentric grooves for centering specimen.
Proving Ring	Plated steel; complete with dial indicator and calibration charts in English and Metric units.
Strain Indicator	English: 1.0" range x 0.001" graduations. Metric: 25 mm range x 0.01 mm graduations.
Hand Crank	Two-piece; aluminum.
Base	One-piece; cast aluminum.
Crosshead	High-strength aluminum.
Dimensions	10-5/8" w. x 6-3/8" d. x 26-1/4" h. (270 x 162 x 667 mm).
Weight	Net 43 lbs. (19.5 kg).; Shpg. 58 lbs. (26.3 kg).

## Accessories



## Unconfined Compression Test Accessory Set, English

Code: [25-3997](#)

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## Unconfined Compression Test Accessory Set, Metric

Code: [25-3998](#)

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### Alternatives



## Unconfined Compression Test Accessory Set, English

Code: [25-3997](#)

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## Unconfined Compression Test Accessory Set, Metric

Code: [25-3998](#)





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

Code: 26-2114/01

Product Group: [Direct/Residual Shear Apparatus](#),  
[Direct/Residual Shear Apparatus](#)

- Microprocessor control
- Large on-board LCD screen display
- Direct entry via touch sensitive keyboard
- Rapid approach and return to start datum
- Fully variable speed, 0.00001 to 9.99999 mm/minute
- Accepts specimens up to 100 mm square

The ELE Direct Shear Apparatus accepts specimens 60 mm, 100 mm square or 2.5 inches in diameter. The use of a microprocessor controlled drive system and keyboard entry gives the apparatus a wide range of features that include pause and speed reset during test, RS 232C interface, operator programming of speed and control functions, self test diagnostics and many other features. A return to start datum provides a positive means of reversing the shearbox when either preparing for a new test or continuing with residual testing procedures.

Safety forward/reverse travel limit switches are fitted as standard and monitored through the electronics system control.

The electronics are housed in a modern moulded shroud, which includes a large LCD display and keyboard entry. The apparatus is enclosed in a robustly constructed case, has been designed for floor mounting and is supplied complete with carriage, loading hanger and 10:1 lever loading device.

## Standards

ASTM D3080, AASHTO T236, BS 1377, EN 1997-2

## Further Information

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

## Specification

Sample Size

Accepts either 2.42 ", 2.5" diam.; 60 mm square samples using accessory shear box assemblies, not included.

Speed Range

Variable in either English or Metric units

Shear Force  
Vertical Load

Dimensions

Weight

between 0.000001"  
(0.00001 mm) to 0.399999"  
(9.99999  
mm) per minute.  
1,100 lbf. (5.0 kN) maximum.  
2,200 lbf. (10.0 kN) using 10:1  
lever ratio.  
44.7" l. x 12 .6" w. x 49.6" h.  
(1,135 x 320 x 1,260 mm).  
Net 181 lbs. (82 kg).

## Accessories



### Clamped Boss Load Ring - 2.0 kN

Code: 78-0060



### Clamped Boss Load Ring - 3.0 kN

Code: 78-0160



### Clamped Boss Load Ring - 4.5 kN

Code: 78-0260



### Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: 25-0440



## Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)



## Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



## Horizontal Displacement Transducer Assembly 15mm Travel 5 Pin Din Plug Mounting Pillar

Code: [27-1697](#)



## Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)



## S-Type Load Cell 5 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)





## Set of Weights 50 kg Slotted.

Code: [26-2132](#)



## Shear Box Assembly 100mm Sq.

Code: [26-2197](#)



## Shear Box Assembly 2.5 Inch Diameter

Code: [26-2213](#)



## Shear Box Assembly 60mm Sq.

Code: [26-2181](#)



## Vertical Displacement Transducer Assembly 15mm Travel with 5 Pin Din Plug Bracket for Shear Box

Code: [27-1689](#)



## Weight Set A

Code: [25-0535](#)



## Weight Set B

Code: [25-0537](#)

## Spares/Consumables



## Dial Indicator - 1.0" Range

Code: [88-4100](#)



## Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



## Vertical Dial Indicator, English

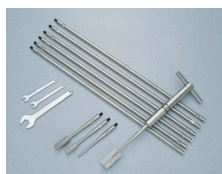
Code: [25-0445](#)

## Alternatives



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

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



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

Code: [26-3335](#)



## Hand Vane Tester

Code: [26-3346](#)



## Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

Code: [26-2270](#)



## Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: [26-2261](#)



## 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 & Perferated 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: [24-9150/01](#)



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

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



## MultiPlex 50 Load Frame

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



## DataSystem Consolidation Test Set 220 vAC

Code: [2230/01](#)

Product Group: [DataSystem Consolidation Test Set](#)

Set includes:

- 1 Table Top Consolidation Apparatus (25-0402).
- 1 Fixed Ring Consolidometer, 2.5" (25-0479).
- 1 Weight Set (25-0535).
- 1 Floor Mounting Stand (25-0429).
- 1 GDU 8-Channel Geotechnical Data Unit (27-1500/01).
- 1 Consolidation Displacement Transducer (27-1649).
- 1 One Dimensional Consolidation Program (27-1770).

## Standards

ASTM D2435, ASTM D4546, AASHTO T216

## Further Information

220vAC, 50/60 Hz, 1ø.

## Alternatives



## DataSystem Consolidation Test Set 110 vAC

Code: [2230/02](#)



## Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

Code: 25-0402

Product Group: Consolidation Apparatus, Table Top Consolidation Apparatus

- High capacity - 8800 kPa on 50 mm diameter specimens using 11:1 beam ratio
- Triple beam ratio, 9:1, 10:1, 11:1
- Compact unit ensures maximum space saving

The ELE Oedometer is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a yoke assembly and one of three alternative beam ratios. The beam is fitted with a counterbalance weight and beam support jack. The cell platform will accept the complete range of ELE consolidation cells and is fitted with a central spigot to ensure accurate centring of the cell under the loading yoke. Dimensions without hanger 711 x 203 x 508 mm (l x w x h). Weight 22 kg.

## Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5

## Further Information

Supplied without dial gauge and weights.

## Specification

Load Capacity	48 tons/sq. ft. (5,148 kPa) on 2.5" (63 mm) diam. samples.
Loading Beam	Cast aluminum; counterbalanced; 9:1, 10:1 and 11:1 ratios.
Frame	Cast aluminum; integral beam support jack; plated steel and platform.
Dimensions	203 x 711 x 508 mm, (8" w. x 28" d. x 20" h) . excluding weight hanger.
Weight	(Net 30 lbs). 13.6 kg; Shpg. 40 lbs. (18.1 kg).

## Accessories



## 16 Ton Weight Set

Code: [25-0544](#)



## 2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



## 2.5" Floating Ring Consolidometer

Code: [25-0530](#)



## Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)



## Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



## Floor Mounting Stand.

Code: [25-0429](#)

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## Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)

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## Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)

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## Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)

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## Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)

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## Set of Weights 100Kg Total Weight.

Code: [25-0408](#)

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## Weight Set A

Code: [25-0535](#)



## Weight Set B

Code: [25-0537](#)

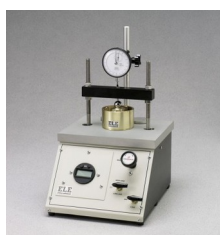
## Spares/Consumables



## Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

## Alternatives



## Pneumatic Consolidation Apparatus

Code: [25-0560](#)

## Digital Tritest 50 Load Frame

Code: [25-3518/02](#)

Product Group: [Digital Tritest 50 Load Frame, CBR Load Frames](#)



## Standards

ASTM D1883, ASTM D2166, ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180, AASHTO T193, AASHTO T208, AASHTO T296, AASHTO T297

## Further Information

110V, 50/60 Hz, 1Ph, 300 Watts.

See Data Acquisition section for electronic load and strain measurement options.

## Specification

Capacity	11 ,200 lbf. (50 kN).
Speed Range	English mode: 0.000001 to 0.399999 in/min. Metric mode: 0.00001 to 9.99999 mm/min.
Rapid Approach Speed	1.0 in/min. (25 mm/min.).
Platen Travel	3.9" (100 mm); limit switch protection.
Platen Diameter	5.2" (133mm).
Vertical Clearance	35 .8" (910 mm) maximum; 12 " (305 mm) minimum.
Horizontal Clearance	14 .3" (364 mm).
Serial Interface	RS232 C; programmable baud rate and protocol.
Overall Dimensions	19.7" w. x 19.7" d. x 57.8" h. (500 x 500 x 1,470 mm).
Weight	Net 220 lbs. (100 kg); Shpg. 300 lbs. (136 kg).

## Accessories



### 2 Channel Digital Readout, English

Code: [27-1108/02](#)



### 2 Channel Digital Readout, Metric

Code: [27-1109/02](#)



### 50kN Clamped Boss Load Ring

Code: [78-0860](#)



### Adaptor kit, to perform CBR on the Tritest 50 load frame

Code: [25-3518/10](#)



### 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](#)



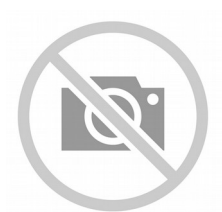
## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



## Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)



## Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



## Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



## Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)

## Spares/Consumables



## Dial Indicator - 1.0" Range

Code: [88-4100](#)

## Alternatives



## CBR Loading Press, Hand-Operated

Code: [24-9345](#)



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

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



## Dial Gauge 25mm Travel X 0.01mm Divisions

Code: [25-4210](#)



## Digital Proving Ring, 2,250 lbs (10.0 kN)

Code: [78-0464](#)



## Electronic Digital Indicator, 1.0"/25.4 mm range

Code: [88-4220](#)



## Versa-Loader

Code: [25-3525/02](#)





## Constant Head Permeability Cell 75mm Diameter Specimen.

Code: [25-0580](#)

Product Group: [Constant Head Apparatus](#)

75 mm Diameter

## Standards

BS 1377-5

## Specification

Nominal Cell inside diameter	75 mm
Cell wall	Transparent plastic
Take-off points	3
End plates	Anodised aluminium
Weight kg	2.6



## 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](#)



## Automatic Soil Compactor BS 220-240V 50Hz 1Ph.

Code: [24-9090/01](#)

Product Group: [Automatic Compactors](#)

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. An selectable rammer with a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of BS1377. Voltage 220-240V 50hz 1ph.

## Standards

BS 1377, EN 13286-2, EN 13286-47

## Specification

Dimensions (l x w x h)	430 x 240 x 1400 mm
Rammer BS/EN	Circular faced, 50 mm dia, selectable to 2.5 kg or 4.5 kg weight.
Rammer ASTM	Circular faced, 2 in (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight.
Drop BS/EN	Adjustable to 300 mm or 450 mm
Drop ASTM	Adjustable to 12 in (305 mm) or 18 in (457 mm)
Weight kg	150

## Accessories



### BS Cbr Mould Body.

Code: [24-9198](#)



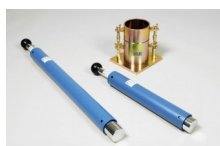
## BS Extension Collar

Code: [24-9200](#)



## BS Solid Base or Top Plate

Code: [24-9204](#)



## BS Standard Compaction Mould 1000Cm Capacity.

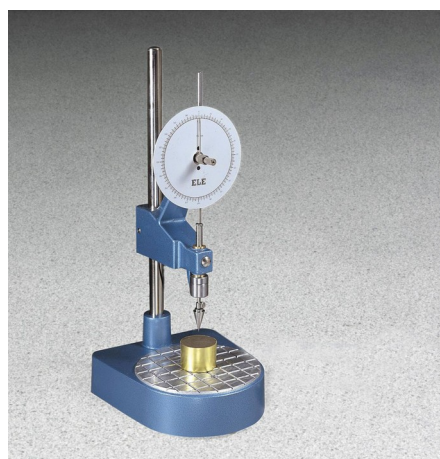
Code: [24-9000](#)

## Alternatives



## Automatic Soil Compactor BS 220-240V 60Hz 1Ph.

Code: [24-9090/06](#)



## Cone Penetrometer. Complete with Stainless Steel Test Cone.

Code: [24-0540](#)

Product Group: [Cone Penetrometer Method, Cone Penetrometer](#)

Bench mounted apparatus to determine the liquid limit of soils BS1377. This method is applicable to a wide range of soils. The apparatus is fitted with a 150mm diameter dial indicator for direct reading of penetration. Supplied complete with 30deg, 30mm long test cone. Manufactured from stainless steel and includes adjustable levelling feet.

## Standards

BS 1377-2

## Specification

Dial Indicator	150 mm diameter graduated in 400 x 0.1 mm divisions, indicator point incorporates friction/gear system
Height Adjustment	Rapid, using integral clamping mechanism
Cone release	Manual
Cone	1 x 30°, 35 mm test cone included
Base	Cast aluminium, adjustable levelling feet
Weight kg	7

## Accessories



### Penetration Test Cup.

Code: [24-0548](#)



## Test Gauge for Checking Condition of Cone Point.

Code: [24-0546](#)

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## Spares/Consumables



## Penetration Test Cone

Code: [24-0544](#)

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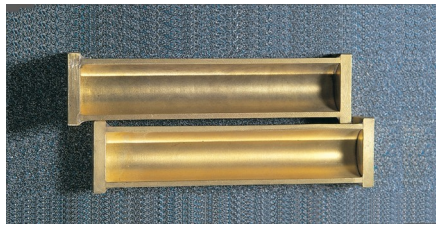
## Alternatives



## Semi-Automatic Cone Penetrometer

Code: [24-0545/01](#)





## Shrinkage Mould to BS 1377

Code: [24-1800](#)

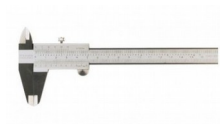
Product Group: [Linear Shrinkage](#)

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](#)



## Shrinkage Limit Set

Code: [2820E](#)

Product Group: [Shrinkage Limit Set](#)

Set includes:

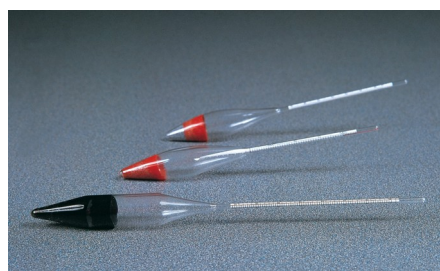
- 1 Monel Shrinkage Dish (24-1550).
- 1 Crystallizing Dish (24-1600).
- 1 Shrinkage Prong Plate (24-1500).
- 1 25 ml Graduated Cylinder (88-6002A).
- 1 Evaporating Dish (88-6714).

## Standards

ASTM D427, AASHTO T92

## Further Information

Three pounds of mercury and other accessories required for shrinkage limit test; not included



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

Code: [24-4620](#)

Product Group: [Soil Hydrometers](#)

Graduated 0.995 to 1.030 g/ml.

## Standards

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

## Alternatives



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

Code: [24-4650](#)



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

Code: [24-4640](#)



## Tri-Flex 2 Permeability Test Cell

Code: 25-0690

Product Group: Tri-Flex 2 Permeability Test Cell,  
Tri-Flex 2 One-Cell Permeability Test System

## Standards

ASTM D5084

## Specification

Specimen Size	1.4" (35 mm) to 4" (102 mm) diam. Using optional Cap and Base Sets, not included.
Head Assembly	Anodized aluminum with quick-disconnect fill/vent port and three clamping rods.
Base Assembly	Stainless steel with four stainless steel no-volume change ball valves for inflow and outflow ports and one brass no-volume change ball valve for lateral port.
Cylinder	Clear acrylic.
Maximum Pressure	150 psi (1,034 kPa).
Tubing	Teflon and stainless steel.
Dimensions	Approx. 8" diam. x 15" h. (203 x 381 mm). Excluding valves.
Weight	Net 23 lbs. (10.4 kg).
Specimen Size	1.4" (35 mm) to 4" (102 mm) diam. Using optional Cap and Base Sets, not included.
Head Assembly	Anodized aluminum with quick-disconnect fill/vent port and three clamping rods.
Base Assembly	Stainless steel with four stainless steel no-volume

Cylinder  
Maximum Pressure  
Tubing  
Dimensions

change ball valves for inflow  
and outflow ports and one  
brass no-volume change ball  
valve for lateral port.

Clear acrylic.

15 0 psi (1,034 kPa).

Teflon and stainless steel.

Approx. 8" diam. x 15" h.  
(203 x 381 mm). Excluding  
valves.

Weight

Net 23 lbs. (10.4 kg).

## Accessories



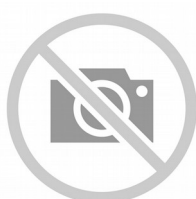
### 1.4" (35 mm) Rubber Membranes

Code: [25-4261](#)



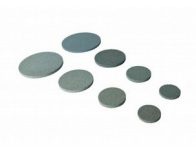
### 1.4" (35 mm) Sealing Rings

Code: [25-4281](#)



### 1.4" Cap & Base Set

Code: [25-0690/13](#)



### 1.4" Porous Stones

Code: [25-4461](#)



## 2.416" Cap & Base Set

Code: [25-0690/14](#)



## 2.416" Porous Stones

Code: [25-5661](#)



## 2.416" Rubber Membranes

Code: [25-5665](#)



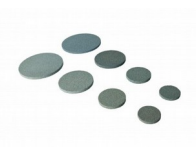
## 2.416" Sealing Rings

Code: [25-5663](#)



## 4.0" Cap & Base Set

Code: [25-0690/17](#)



## 4.0" Porous Stones

Code: [25-7761](#)



## 70 mm Cap & Base Set

Code: [25-0690/10](#)



## Membrane Sealing Ring 100mm Diameter. Pack of 10.

Code: [25-7631](#)



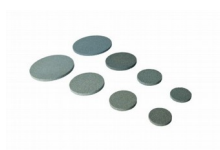
## Membrane Sealing Ring 70mm Diameter Pack of 10.

Code: [25-6461](#)



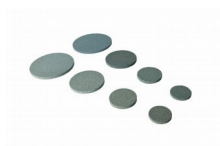
## Membrane Sealing Rings 2.8"

Code: [25-6641](#)



## Porous Disc 100mm Diameter Pack of 2.

Code: [25-7661](#)



## Porous Disc 70mm Diameter Pack of 2.

Code: [25-6561](#)



## Porous Stones 2.8"

Code: [25-6721](#)



## Pressure Interface Chamber

Code: [25-0695](#)



## Rubber Membrane 100mm/4 Inch Diameter. Pack of 10

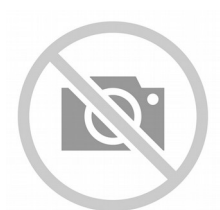
Code: [25-7621](#)



## Rubber Membrane 70mm/2.8 Inch Diameter. Pack of 10.

Code: [25-6441](#)

## Alternatives



## Acrylic Cap and Base Set 2.8"

Code: [25-0690/15](#)





## **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



## Water Test Kit. Includes Tests for Ph Chloride Total Hardness and Iron.

Code: [521-080](#)

Product Group: [Paqualab Test Meters](#)

For pH, chloride, hardness and iron. Supplied complete in a carrying case with reagents for 50 tests of each parameter.



## Combination Soil Analysis Test Kit

Code: [513-018](#)

Product Group: [Soil test kits](#)

This test kit measures soil pH, conductivity, N/P/K, magnesium and calcium using simple visual test methods. It is durable and designed for field use:

Visual test equipment and reagents for soil pH, lime requirement, nitrogen (N), phosphorus (P) and potassium (K) macronutrients plus magnesium and calcium testing.

Pocket conductivity sensor for soil conductivity and soluble salt testing for areas of salinisation concern.

Provided in a shoulder bag and hard case containing all components required to commence soil testing immediately.

513-018 contents:

Visual Testing Hardware:

Soiltester for soil pH. Soiltester for nitrogen (N), phosphorus (P) and magnesium (Mg). Double tube assembly for potassium (K). Tablet count container for calcium (Ca).

Electrochemical Testing Hardware:

Pocket conductivity sensor for soil conductivity and salinity including calibration standard.

Reagents:

Complete reagent set for 50 tests for soil pH, lime requirement, nitrogen, phosphorus, potassium, magnesium and calcium including extraction and test reagents.

Sample Preparation/Accessories:

De-ion pack, soil sample bags, soil scoops, filter funnels and paper, sample container/dilution tubes, syringe, crush/stir rods, cuvette brush.



## Glass Specific Gravity Bottle - 50 ml Capacity

Code: 88-6302

Product Group: Glass Specific Gravity Bottles

## Alternatives



## Glass Specific Gravity Bottle - 100 ml Capacity

Code: 88-6304



## Glass Specific Gravity Bottle - 25 ml Capacity

Code: 88-6300



## Glass Specific Gravity Bottle - 250 ml Capacity

Code: 88-6306



## Large Capacity Sample Splitter.

Code: 23-3425

Product Group: Large Capacity Sample Splitter, Large Sample Splitter

The splitter is designed for the reduction of test samples which are too large in volume to be conveniently handled. It divides samples so that half is representative of the original total sample and handles material up to 6 inches in particle size.

The lever-actuated unit is constructed of heavy gauge welded steel with a hopper which holds up to 1 cuft. The single splitter chute provides wide flexibility in sizes of opening and adjustment is provided for chutes of 0.5, 1.5, 2, 3, 4 or 6 inch by positioning of the chute bars. Overall height is approximately 1 meter. Hopper size 735 mm long x 480 mm wide (approx).

## Further Information

Complete with 2 material pans and a bag-loading chute.

## Specification

Capacity	1 cu. ft. (0.028 m3); for sand sizes up to 4" (102 mm).
Hopper	Lever-actuated, clamshell design.
Chute Bars	48 aluminum bars, 1/2" (13 mm) width.
Chute Area	24 " (610 mm) overall width.
Chute Openings	Adjustable; 1/2", 1", 1-1/2", 2", 3", 4", or 6".
Frame	Welded, heavy-gage steel.
Chute Attachment	Replaces pan to allow sample collection in bag; 28-1/4" l. x 7"w. x 5-1/2" h. (718 x 178 x 140 mm).
Material Pans	Two included; 25 -3/4" l. x 9" w. x 6-1/2" h. (654 x 229 x 165 mm).
Overall Dimensions	29" l. x 19" w. x 39" h. (737 x 483 x 999 mm).
Weight	Shpg. 142 lbs. (64 kg).

## Accessories



## Sample Bag - 10" x 18" (254 x 457 mm)

Code: [23-1420](#)



## Sample Bag - 17" x 32" (432 x 813 mm)

Code: [23-1422](#)

### Alternatives



## Large Capacity Sample Splitter.

Code: [23-3425](#)



## Sample Splitter (Riffle Box) - 14 chutes, 1/2" (13 mm) chute width

Code: [23-3052](#)



## Sample Splitter (Riffle Box) - 14 chutes, 3/4" (19 mm) chute width

Code: [23-3102](#)



## Sample Splitter (Riffle Box) - 16 chutes, 1" (25 mm) chute width

Code: 23-3152



## Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

Code: 23-3352



## Sample Splitter (Riffle Box) - 8 chutes, 2" (51 mm) chute width

Code: 23-3302





## Bowl - 2.5 litre

Code: [81-5020](#)

Product Group: [Beakers and Bowls](#)

## Further Information

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



## Aluminium Scoop Large

Code: [81-0220](#)

Product Group: [Slump Test, Scoops and Shovels](#)

### 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



## 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.

Gives four types of readings: inside, outside, depth and step. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error and knurled locking nut. Manufactured from hardened stainless steel for rigidity. Satin finish.

Conforms to DIN 862.

## Standards

EN 933-4, BS 1377



## 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\*\***



## 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