



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

This wishlist was generated on 29/05/2019, and contains the following Products:

25-0402

Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

25-0408

Set of Weights 100Kg Total Weight.

25-0440

Dial Gauge 10mm Travel X 0.002mm Divisions.

25-0455

Consolidation Cell Complete 50mm Diameter Sample.

25-0455/13

50mm Dia Upper and Lower Porous Stones for Use on EL25-0455 Series Cell.

25-0458

Cutting Ring 50mm Cell.

25-0461

Calibration Disc 50mm Cell

25-0580

Constant Head Permeability Cell 75mm Diameter Specimen.

25-0591

Manometer Tubes & Stand.

25-0593

Constant Level Tank.

25-0605

Falling Head Permeability Cell.

25-1833/01

De-Aired Water Apparatus 15 Litre Capacity

25-3518/01

Digital Tritest 50 Load Frame

25-4047

50mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

25-4166

38mm/1.5 Inch Base Adaptor for 50mm Cells.

25-4200

Piston Restraint Clamp for Ele Triaxial Cells

25-4210

Dial Gauge 25mm Travel X 0.01mm Divisions

25-4290

Membrane Placing Tool 35mm/38mm.

25-4520

Valve No Volume Change 1/4 Inch BSp Fitted with 6 mm Connector and Integral Sealing Ring.

25-5050

Pressure Pad 38mm/1.5 Inch Diameter.

25-5061

Rubber Membrane 38mm/1.5 Inch Diameter. Pack of 10.

25-5081

Membrane Sealing Ring 1.5"

25-5100

Suction Membrane Device 38mm/1.5 Inch Diameter.

25-5120

Two-Way Split Former 38mm/1.5 Inch Diameter.

25-5181

Porous Disc 38mm/1.5 inch Diameter. Pack of 2.

25-5200

Filter Paper Drain 38mm/1.5 inch Diameter. Pack of 50.

26-1746

Bladder-Type Air/Water Pressure Assembly. 1000 Kpa Maximum Working Pressure.

26-1769

Nylon Tubing 30 Metre Length.

26-1872

Six-Way Pneumatic Pressure Control Panel.

26-1892

Twin Burette Volume Change Unit.

26-1926

Nylon Tubing 6 mm OD x 4 mm ID 3500 Kpa

26-1928

6mm Elbow Connector.

26-1930

6mm T Connector.

26-2114/01

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

26-2132

Set of Weights 50 kg Slotted.

26-2197

Shear Box Assembly 100mm Sq.

26-2197/10

Porous Plate 100mm Sq.

26-2201

Specimen Cutter 100mmsq.

26-2205

Specimen Extrusion Tool 100 mm sq

26-2270

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

26-2281

Vane 12.7mm Diameter X 19mm Long

27-1121/01

Unconfined Compression Test Digital Readout Set, English 220 vAC

27-1620

Digital Pressure Gauge 1700Kpa. for Ele Triaxial Cells.

42-5305/10

Set of 12 Abrasive Charges EN)

42-5310/01

**Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches.
220-240V 50Hz 1Ph.**

45-3810/01

Rotatest 1500

45-7500

Hveem Stabilometer - ASTM Type

46-4605

BS/EN Ring and Ball Apparatus

46-4825/01

Electrical Hotplate with Integral Magnetic Stirrer

525-375/01

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

78-0160

Clamped Boss Load Ring - 3.0 kN

78-0260

Clamped Boss Load Ring - 4.5 kN

78-2950/01

Hotplate

82-5272

Thermometer

83-1730/01

Air Compressor

83-5456

Dial Gauge



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 24 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. (5,14 8 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	24 KG



Set of Weights 100Kg Total Weight.

Code: [25-0408](#)

Product Group: [Consolidation Apparatus](#)

9 x 10 kg, 1 x 5 kg, 2 x 2 kg, 1 x 1 kg.

Standards

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



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: [25-0440](#)

Product Group: [Measurement of Horizontal and Vertical Movement](#), [Vertical settlement measurement](#), [Direct/Residual Shear Apparatus](#)



Consolidation Cell Complete 50mm Diameter Sample.

Code: 25-0455

Product Group: Table Top Consolidation Apparatus, Pneumatic Consolidation Apparatus, Fixed Ring Consolidation, High pressure application consolidation cells and accessories

- 50 mm dia samples
- Integral water reservoir
- Supplied with upper and lower porous disc and cutting ring
- Manufactured from corrosion resistant materials
- Maximum working stress 8 mpa

Specification

Application	High pressure
Specimen Dia	50 mm
Specimen area	1963 mm ²
Beam ratio	10:1
Load kg	1
Stress	50 kPa
Typical max stress	8 MPa
Stress for 1 kg m ²	50 kPa
Application	High Pressure
Specimen Diameter	50 mm
Specimen Area	1963 mm ²
Beam Ratio	10:01
Load	1 kg
Stress	50 kPa
Typical Maximum Stress	8 MPa
Stress for 1 kg	50 kPa



50mm Dia Upper and Lower Porous Stones for Use on EL25-0455 Series Cell.

Code: [25-0455/13](#)

Product Group: [Fixed Ring Consolidation](#), [High pressure application consolidation cells](#) and [accessories](#)



Cutting Ring 50mm Cell.

Code: [25-0458](#)

Product Group: [High pressure application consolidation cells and accessories](#), [Fixed Ring Consolidation](#)



Calibration Disc 50mm Cell

Code: [25-0461](#)

Product Group: [Fixed Ring Consolidation](#), [High pressure application consolidation cells and accessories](#)



Constant Head Permeability Cell 75mm Diameter Specimen.

Code: [25-0580](#)

Product Group: [Constant Head Apparatus](#)

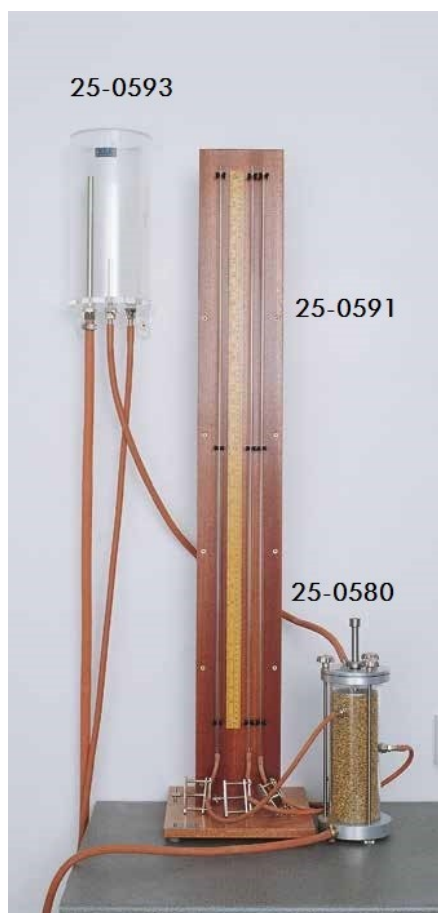
75 mm Diameter

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



Manometer Tubes & Stand.

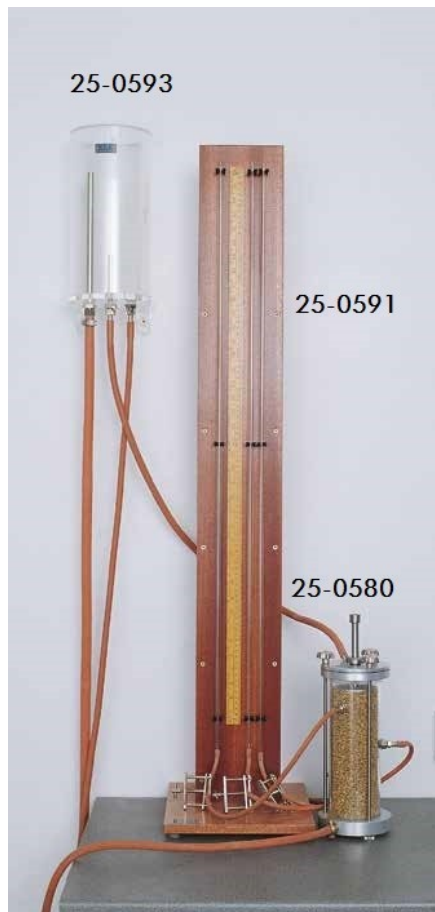
Code: [25-0591](#)

Product Group: [Constant Head Apparatus](#)

Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel. Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel.

Standards

BS 1377-5



Constant Level Tank.

Code: [25-0593](#)

Product Group: [Constant Head Apparatus](#)

Manufactured from transparent plastic with attachment for wall mounting. The inlet, outlet and overflow pipes are fitted to the base of the tank and can be adjusted for height within the tank. Supplied complete with connecting tubing.

Standards

BS 1377-5



Falling Head Permeability Cell.

Code: [25-0605](#)

Product Group: [Falling Head Apparatus](#)

Specification

Cell	Plated seamless tube 100 mm diameter x 130 mm height
Base	Porous plate with three tie rods
Top plate	Machined to accept smaller tubes
Weight kg	3.4

De-Aired Water Apparatus 15 Litre Capacity

Code: [25-1833/01](#)

Product Group: [De-Aired Water](#)

Complies to BS 1377-1



This compact self-contained unit will de-air water quickly and efficiently down to levels of dissolved oxygen acceptable for geotechnical test methods. Air is removed from the water by a vacuum system, which continuously circulates the water in the tank. The unit is supplied with a clear water container, which will hold a maximum of 15 litres of water. Input and output lines are formed using standard 6 mm tube connectors.

Standards

BS 1377-1

Specification

Dimensions l x w x h (mm) 380 x 356 x 470



Digital Tritest 50 Load Frame

Code: 25-3518/01

Product Group: Digital Tritest 50 Load Frame, CBR Load Frames, Triaxial Load Frames

- Microprocessor control
- Large on-board LED screen display
- Direct entry via a touch sensitive keyboard
- Rapid approach and return to datum of platen
- Fully variable speed, 0.00001 to 9.99999 mm/min
- Samples up to 100 mm diameter

This 50 kN capacity machine, designed primarily for triaxial testing of soil specimens up to 100 mm diameter x 200 mm long, comprises a rigid twin column construction with an integral fully variable microprocessor controlled drive unit and LCD display with a touch sensitive keyboard. The machine is normally bench mounted for ease of installation and operation.

The use of a microprocessor controlled drive system and keyboard entry provides the Digital Tritest 50 with a wide variety of features which include pause and speed reset during test, RS 232C, operator programming of speed and control functions, self test diagnostics and many other features.

A robustly constructed steel case houses the motor drive system with careful attention being given to the prevention of ingress of water or grit. All operating controls are mounted on the front panel of the machine, which is angled and recessed to prevent physical and environmental damage.

Standards

BS 1377-7, BS 1377-8, BS 1924-2, 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

Complete with RS 232C interface.

Specification

Capacity	50kN (11,200 lbf).
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.).

Product Sheet

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Platen Travel	100mm (3.9"); limit switch protection.
Platen Diameter	133 mm (5.2")
Vertical Clearance	910 mm, (36 .8") maximum; 305mm, (12") minimum.
Horizontal Clearance	364mm, (15 .3").
Serial Interface	RS232C; programmable baud rate and protocol.
Overall Dimensions	500 x 500 x 1,470 mm, (19.7" w. x 19.7" d. x 57.8" h).
Weight	Net 100kg (220 lbs); Shpg. 136kg (300 lbs).



50mm Triaxial Cell 1700KPa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: [25-4047](#)

Product Group: [Triaxial Cell](#), [Triaxial Cells](#)

- Working pressure up to 1700 kPa
- All round visibility
- Sample sizes 38 to 100 mm diameter
- Rapid assembly and dismantling
- Accepts a range of interchangeable submersible load transducers

This range of precision made triaxial cells has been designed to meet the requirements of the modern soils laboratory. The cells have been treated to minimise corrosion. Particular attention has been paid to the quality of finish between the piston and the head. Final assembly includes the fitting of an O-ring seal and the use of special lubricant to reduce friction to a minimum and eliminate water leakage.

The piston load capacity is designed to accept high horizontal forces which may be present during the final stages of a test. Each cell has five take-off positions drilled in the base for top drainage/back pressure, pore water pressure and bottom drainage. Two no-volume change valves and an anvil for strain gauge/transducer datum are supplied for fitting to the cell.

A feature of these cells is that they all accept a single diameter piston. The internal height is such that a range of submersible load transducers can be fitted without any modification. Each cell will accept a range of base adaptors and various accessories for testing a wide range of specimens

Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297

Specification

Cell size	50 mm
Max specimen size	50 x 100 mm
Working pressure	1700 kPa
Max piston load	45 kN
Vertical clearance required	380 mm
Horizontal clearance required	155 mm
Weight kg	4



38mm/1.5 Inch Base Adaptor for 50mm Cells.

Code: [25-4166](#)

Product Group: [Specimen Base Adaptors](#), [Base Pedestals](#)

38mm/1.5 Inch Base Adaptor with Twin Pore Pressure Ports for 50mm Cells.

Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297



Piston Restraint Clamp for Ele Triaxial Cells

Code: [25-4200](#)

Product Group: [Aggressive Materials](#), [General Cell Accessories](#)

For ELE Triaxial Cells Manufactured From July 1996.

Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297

Further Information

To lock the loading piston into position



Dial Gauge 25mm Travel X 0.01mm Divisions

Code: [25-4210](#)

Product Group: [Digital Tritest 50 Load Frame, Axial Displacement](#)

25 mm travel x 0.01 mm

Standards

BS 1377



Membrane Placing Tool 35mm/38mm.

Code: [25-4290](#)

Product Group: [Membrane Placing Tools, O-Ring Placing Tools](#)

Membrane Placing Tool For 35Mm/1.4 Inch And 38Mm/1.5 Inch Samples.

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297, ASTM D7181



**Valve No Volume Change 1/4 Inch BSp
Fitted with 6 mm Connector and Integral
Sealing Ring.**

Code: [25-4520](#)

Product Group: [Accessories for CU/CU effective
stress, General Cell Accessories](#)

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297



Pressure Pad 38mm/1.5 Inch Diameter.

Code: [25-5050](#)

Product Group: [Pressure Pads](#)

38 mm / 1.5 Inch diameter pressure pad. The pad shall have two empty ports and will come complete with two blanking plugs, plastic tubing and connector. Suitable For both drained and undrained tests.

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297



Rubber Membrane 38mm/1.5 Inch Diameter. Pack of 10.

Code: [25-5061](#)

Product Group: [Rubber Membranes](#)

Rubber Membrane For 38Mm/1.5 Inch Samples
(Pack Of 10).

Standards

AASHTO T296, AASHTO T297, ASTM D2850, ASTM D4767, ASTM D5084, ASTM D7181



Membrane Sealing Ring 1.5"

Code: [25-5081](#)

Product Group: [Sealing Rings](#)

Membrane Sealing Ring 38Mm Diameter (Pack Of 10).



Suction Membrane Device 38mm/1.5 Inch Diameter.

Code: [25-5100](#)

Product Group: [Suction Membrane Devices](#), [Suction Membrane Device](#)

Suction Membrane Device For 38Mm/1.5 Inch Samples.

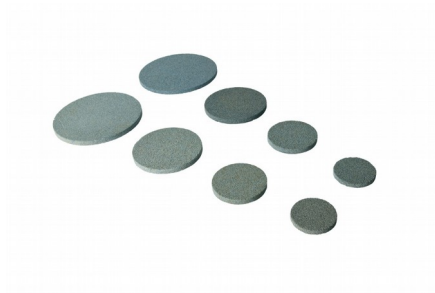


Two-Way Split Former 38mm/1.5 Inch Diameter.

Code: [25-5120](#)

Product Group: [Two-way Split Formers](#), [Two-Way Split Formers](#)

Two-Way Split Former For 38Mm/1.5 Inch Samples.



Porous Disc 38mm/1.5 inch Diameter. Pack of 2.

Code: [25-5181](#)

Product Group: [Accessories for CU/CU effective stress, Porous Stones](#)

Porous disc for 38 mm/1.5 inch samples (Pack of 2).



Filter Paper Drain 38mm/1.5 inch Diameter. Pack of 50.

Code: [25-5200](#)

Product Group: [Accessories for CU/CU effective stress, Filter Paper Drains](#)

Filter paper drain 38 mm diameter (Pack of 50).



Bladder-Type Air/Water Pressure Assembly. 1000 Kpa Maximum Working Pressure.

Code: 26-1746

Product Group: [Air/Water Pressure Systems - up to 1700 kPa](#)

With transparent plastic chamber for operating continuously at pressures up to 1000 kPa. A length of tubing is provided for connecting the air/water cylinder outlet to a pressure measuring system.

- Used to supply hydraulic pressure from a pneumatic pressure source.
- Prevents air entering the hydraulic pressure system.
- Maximum working pressure 1000kpa.
- Supplied with connectors and tubing for fitting to pressure measuring systems.



Nylon Tubing 30 Metre Length.

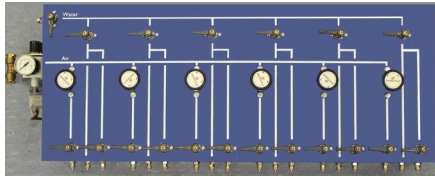
Code: [26-1769](#)

Product Group: [Air/Water Pressure Systems - up to 1700 kPa](#)

30 metre length. For pressures up to 1700 kPa. Used for connecting Air Compressors to Pneumatic Pressure Reducing Panels, or for connecting two Pressure Reducing Panels together.

Further Information

Nylon tubing 30 metres with pressure fittings.

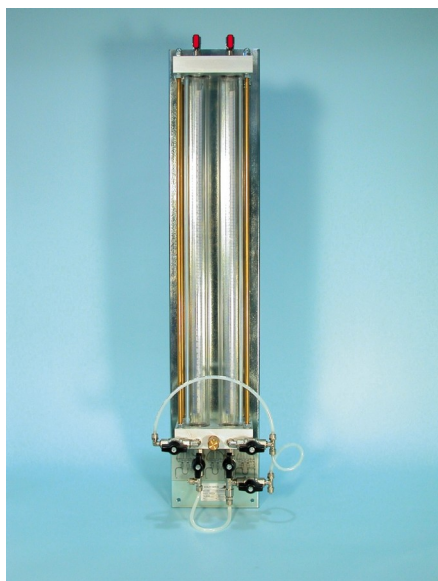


Six-Way Pneumatic Pressure Control Panel.

Code: [26-1872](#)

Product Group: [Air/Water Pressure Systems - up to 1700 kPa](#)

The six-way pressure control systems have been designed specifically for the monitoring of up to six independent pressures. They are particularly useful for setting up and controlling a 3-cell effective stress system using three independent back pressures. The panel is used in conjunction with the Universal Pump and Pressure Indicating Panel which provides pressure monitoring and facilities for filling and de-airing the system. Comprising six pneumatic control valves mounted in a housing for controlling six independent outlets. Supplied with connection ports for coupling panel to EL26-1880. Maximum inlet pressure 1400 kPa maximum outlet pressure 1000 kPa.



Twin Burette Volume Change Unit.

Code: [26-1892](#)

Product Group: [Volume Change Measurement](#)

Fitted with reversing valve and by-pass valve. The unit is fitted with burettes graduated 0 to 100 ml x 0.2 ml and is mounted on a solid panel for wall or bench mounting supplied with 100 ml capacity x 0.2 ml burettes.



Nylon Tubing 6 mm OD x 4 mm ID 3500 Kpa

Code: [26-1926](#)

Product Group: [Permeability of Rock, Volume Change Measurement](#)

6 mm outside diameter x 4 mm inside diameter. For use up to a pressure of 3500 kPa. Priced per metre.



6mm Elbow Connector.

Code: [26-1928](#)

Product Group: [Volume Change Measurement](#)



6mm T Connector.

Code: [26-1930](#)

Product Group: [Volume Change Measurement](#)



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

Product Sheet

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	between 0.000001" (0.00001 mm) to 0.399999" (9.99999 mm) per minute.
Shear Force	1,100 lbf. (5.0 kN) maximum.
Vertical Load	2,200 lbf. (10.0 kN) using 10:1 lever ratio.
Dimensions	44.7" l. x 12 .6" w. x 49.6" h. (1,135 x 320 x 1,260 mm).
Weight	130 kg

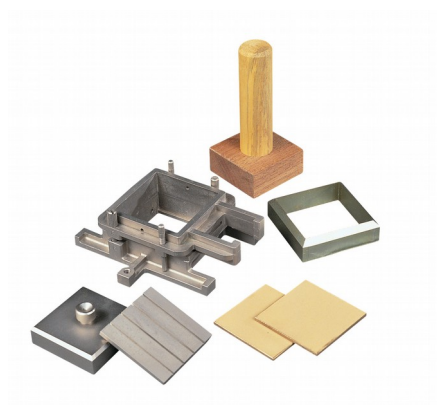


Set of Weights 50 kg Slotted.

Code: [26-2132](#)

Product Group: [Application of Normal Stress](#)

Normal stress is applied to the specimen through the lever loading device and the appropriate slotted weights



Shear Box Assembly 100mm Sq.

Code: 26-2197

Product Group: [Shear Box Assemblies](#), [Shear Box Assemblies](#)

- Manufactured from corrosion resistant materials
- Sample size 100 x 100mm x 25mm high meeting BS 1377
- Incorporates PTFE faced box separation screws to reduce friction
- Supplied complete with upper and lower porous plates and loading pad
- Suitable for quick undrained or drained/residual tests.

Standards

ASTM D3080, AASHTO T236

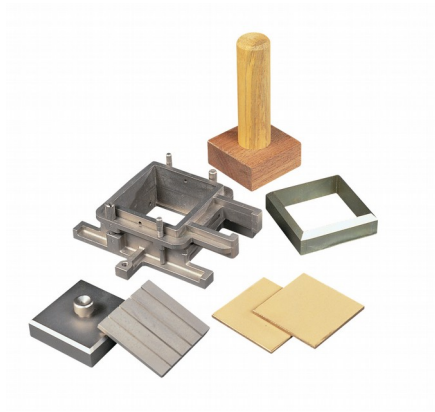
Further Information

All shearbox assemblies are designed to fit the carriage of 26-2114 series Digital Direct/Residual Shear Apparatus. They are supplied complete with three porous plates, one retaining plate and a loading pad. The three sizes supplied comply with the relevant requirements of BS 1377 and ASTM D3080. All assemblies can be used for quick shear tests or drained/residual shear tests.

Optional accessories are available including specimen cutters and extrusion tools.

Specification

Specimen area	100 x 100 mm
Specimen thickness	25 mm
Weight kg	5.2
Relevant standard	BS 1377



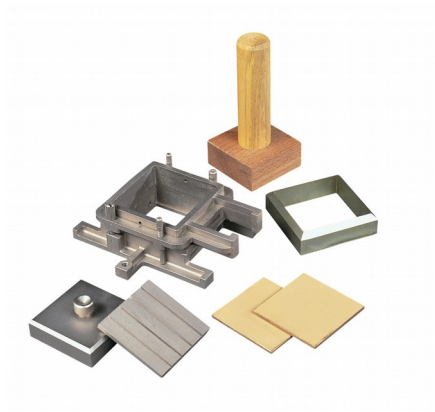
Porous Plate 100mm Sq.

Code: [26-2197/10](#)

Product Group: [Shearbox Assemblies- Accessories and Spares](#), [Shearbox Assemblies- Accessories and Spares](#)

Standards

ASTM D3080, AASHTO T236



Specimen Cutter 100mmsq.

Code: [26-2201](#)

Product Group: [Shearbox Assemblies- Accessories and Spares](#), [Shearbox Assemblies- Accessories and Spares](#)

Standards

ASTM D3080, AASHTO T236



Specimen Extrusion Tool 100 mm sq

Code: [26-2205](#)

Product Group: [Shearbox Assemblies- Accessories and Spares](#), [Shearbox Assemblies- Accessories and Spares](#)

Standards

ASTM D3080, AASHTO T236



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

Code: [26-2270](#)

Product Group: [Laboratory Vane Apparatus](#),
[Laboratory Vane Apparatus](#)

The equipment is based on a design by the Transport Research Laboratory, England, and is available in hand or motorised versions. Stress is applied through the 12.7 x 12.7 mm vane by means of any one of four calibrated springs.

Standards

BS 1377

Further Information

Hand-operated, complete with 4 calibrated springs and a 12.7 mm diameter x 12.7 mm long vane.



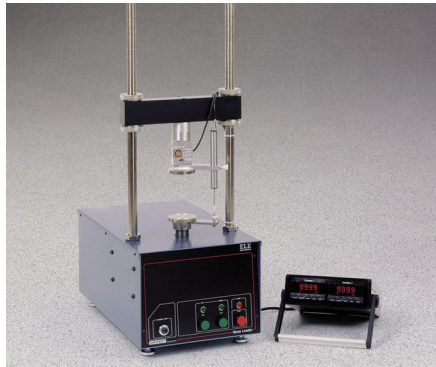
Vane 12.7mm Diameter X 19mm Long

Code: [26-2281](#)

Product Group: [Laboratory Vane Apparatus](#),
[Laboratory Vane Apparatus](#)

Standards

BS 1377



Unconfined Compression Test Digital Readout Set, English 220 vAC

Code: [27-1121/01](#)

Product Group: [Versa-Loader](#)

Includes: 2-channel digital readout, 500 lb. capacity S-type load cell, axial strain transducer with 2" range, platens and mounting hardware.

Complies to BS 1377-7.

Standards

ASTM D2166, AASHTO T208, BS 1377-7

Further Information

220vAC, 50/60 Hz, 1ø.



Digital Pressure Gauge 1700Kpa. for Ele Triaxial Cells.

Code: 27-1620

Product Group: Oil/Water Constant Pressure System, Pressure Measurement, Digital Pressure Gauge

For ELE Triaxial Cells. The Digital Pressure Gauge offers highly accurate pressure measurement and digital readout for ELE triaxial cells.

Standards

ASTM D2850, ASTM D4767, ASTM D7181, ASTM D5084, AASHTO T296, AASHTO T297

Specification

Capacity	250 psi (1,700 kPa).
Display	LCD.
Display Units	PSI, kPa, MPa.
Accuracy	Better than 1% of indicated pressure.
Read Rate	Two samples per second.
Power Supply	3 volt battery, CR 2340 type.
Battery Life	1400 hours continuous operation.
Dimensions	2.30" w. x 1.25" d. x 3.75" h. (59 x 32 x 95 mm.)
Weight	Net 1/4 lb. (125 g).



Set of 12 Abrasive Charges EN)

Code: [42-5305/10](#)

Product Group: [Los Angeles Abrasion Machine](#)

EN Set of 12.

Standards

EN 1097-2, ASTM C131, ASTM C535

Further Information

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



Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches. 220-240V 50Hz 1Ph.

Code: [42-5310/01](#)

Product Group: [Los Angeles Abrasion Machine](#)

The machine consists of a closed hollow cylindrical steel drum rotating around its horizontal axis on ball bearing units mounted on a sturdy base framework. Also the full enclosure ensures noise is minimized.

The drum is driven at a speed of between 30 - 33 rpm via an enclosed belt drive arrangement from an electric motor/gearbox unit situated on the base frame. Inside the drum a full length steel shelf is attached, accessed by a dust-proof opening.

The cylinder incorporates a removable internal shelf, one shelf position is provided to meet the requirements of both the ASTM and EN test standards.

Controls are located easily on the right-hand side of the machine at convenient operator height.

Start and stop push buttons and a subtracting revolution counter allows the user to preset the number of revolutions before an automatic stop.

Standards

EN 1097-2, ASTM C131, ASTM C535, NF P18-573

Further Information

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



Rotatest 1500

Code: 45-3810/01

Product Group: Asphalt Centrifuge Extractors

Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing. Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing.

Standards

EN 12697-1, ASTM D2172, AASHTO T164

Further Information

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

1500 g capacity. Supplied with 100 Filter Discs. For 220 V AC, 50 - 60 Hz, 1ph.



Hveem Stabilometer - ASTM Type

Code: 45-7500

Product Group: Hveem Stabilometer

ASTM Type. Includes displacement dial indicator, diaphragm tester with polyurethane dummy specimen, two followers, rubber bulb, extra O-rings, 1 qt. of oil, wrench, assembly tool and instructions.

Standards

ASTM D1560, ASTM D2844, AASHTO T190, AASHTO T246

Specification

Specimen Size	4" (101.6 mm) diam.
Gauge	200 psi capacity; 1/4% accuracy.
Loading	Diaphragm/piston pump.
Shell	Aluminum-Magnesium; adjustable stage.
Pressure Fluid	1 qt. hydraulic fluid (included).
Dial Indicator	1.0" displacement x 0.001" divisions.
Followers	Two included; one 3.985" \pm 0.005" diam. x 5-1/2"; one 3.95" \pm 0.005" diam. x 5" h.
Weight	Net 55 lbs. (24.9 kg).



BS/EN Ring and Ball Apparatus

Code: [46-4605](#)

Product Group: [Ring and Ball Apparatus](#)

With 2 shouldered pattern rings, 2 ball-centring guides and 2 balls. The apparatus has a support frame and is retained in a heat resistant container.

Standards

EN 1427, BS 2000-58, UNI 4161, UNE 7111, DIN 52011, NFT66-008, AASHTO T53, ASTM D36, BS 2000

Further Information

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



Electrical Hotplate with Integral Magnetic Stirrer

Code: [46-4825/01](#)

Product Group: [Ring and Ball Apparatus](#)

Circular-top analogue magnetic hotplate stirrer.

Speed controls for constant speed (even during load changes).

Anti-corrosive ceramic steel plate with excellent thermal conductivity.

Long life brushless motor.

High magnetic adhesion.

CE marked.

Standards

EN 1427, BS 2000-58

Further Information

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

Specification

Temperature range	Ambient-340 Deg.C
Stirring speed	0-1500 rpm
Max. Viscosity	40 cP/ mPas
Heating rate (1 litre water)	6K/min
Motor type	Brushless
Stirring capacity	20L
Plate diameter	5.3"
Plate material	Ceramic coated steel
Dimensions	11"L x 6 1/4"W x 3"H
Weight	6lbs



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

Code: 525-375/01

Product Group: Kjeldahl 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.



Clamped Boss Load Ring - 3.0 kN

Code: 78-0160

Product Group: Digital Tritest 50 Load Frame, Proving Rings, Measurement of Load (Shear Stress), Clamped Boss Load Rings, Direct/Residual Shear Apparatus

Standards

BS 1377, ASTM D3080

Specification

Capacity: kN, kgf, lbf	3.0, 300, 650
Typical Design sensitivity: N/div, kgf/div, lbf/div	2.0, 0.20, 0.43
Overall height mm	248
Approx weight kg	3.3
Capacity - lbf	1,000
Capacity - kN	3
Capacity - kgf	300
Typical Design Sensitivity - lbf/div	0.43
Typical Design Sensitivity - kN/div	2
Typical Design Sensitivity - Kgf/div	0.2
Overall Height	9.76" (248 mm)
Approx Weight	7.3 lbs.(3.3 kg)



Clamped Boss Load Ring - 4.5 kN

Code: 78-0260

Product Group: Clamped Boss Load Rings, Digital
Tritest 50 Load Frame, Load Measurement, Load
Measurement, Proving Rings, Load Measurement,
Direct/Residual Shear Apparatus

Specification

Capacity: kN, kgf, lbf	4.5, 450, 1000
Typical Design sensitivity: N/div, kgf/div, lbf/div	3.0, 0.30, 0.66
Overall height mm	248
Approx weight kg	3.5
Capacity - lbf	1,000
Capacity - kN	4.5
Capacity - kgf	450
Typical Design Sensitivity - lbf/div	0.66
Typical Design Sensitivity - kN/div	3
Typical Design Sensitivity - Kgf/div	0.3
Overall Height	9.76" (248 mm)
Approx Weight	7.7 lbs.(3.5 kg)



Hotplate

Code: 78-2950/01

Product Group: Hotplate

Further Information

Not available for sale in the USA

Specification

Construction	Cast-iron top and base ventilated sheet-steel body
Nominal diameter	200 mm
Maximum temperature	500°C
Rated power	2000 W
Weight	5 kg



Thermometer

Code: [82-5272](#)

Product Group: [Non Hazardous Glass Thermometers, Ring and Ball Apparatus](#)

Mercury-free with a range of -10.0°C to + 210.0°C and graduated every 1°C. Immersion up to 76 mm

Standards

EN 1427, BS 2000-58

Further Information

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



Air Compressor

Code: 83-1730/01

Product Group: Air Compressors, Air/Water Pressure Systems - up to 1700 kPa

Further Information

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

Specification

Dimensions (l x w x h)	483 x 457 x 864 mm
Free air delivery	2.0 cfm
Receiver capacity	50 litres
Maximum pressure	1000 kPa
Continuous working pressure	700 kPa
Electrical supply	220 – 240 V AC 1 ph 50 Hz
Water Trap	No
Weight	57 kg



Dial Gauge

Code: [83-5456](#)

Product Group: [Dial Gauges, Measurement of Horizontal and Vertical Movement](#)

Specification

Diameter mm	57
Travel mm	10
Grad. Mm	0.01
Scale	RH
Anvil	Ball
Back type	A