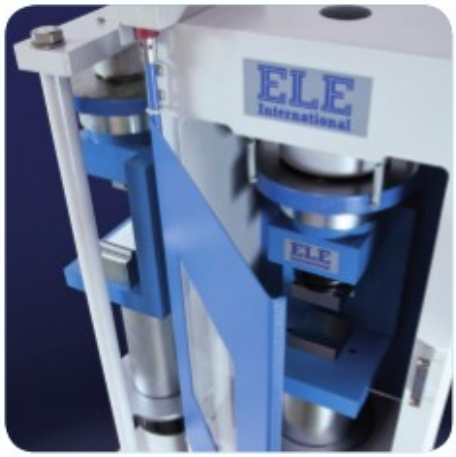
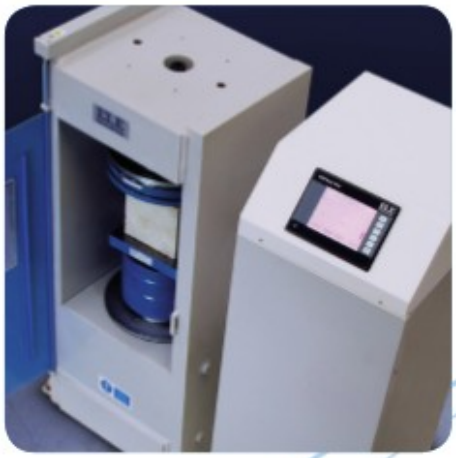


ELE INTERNATIONAL



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

www.ele.com

Contents

This wishlist was generated on 18/02/2019, and contains the following Products:

Contents

Prong Plate.

Code: 24-1500

Product Group: Volumetric Shrinkage, Shrinkage Prong Plate

Made of acrylic plastic fitted with three prongs, nominal 76 mm square and 2.4 mm thick.

Standards

BS 1377, ASTM D427, AASHTO T92

Specification

Construction	Acrylic plastic with 3 metal prongs.
Dimensions	3” square x 1/8” thick (76 x 3.2 mm).
Weight	Net 1 oz. (28 g).

Accessories

Evaporating Dish - 150 x 45 mm

Code: 82-2000

Measuring Cylinder - Glass 100 ml

Code: 82-0380

Alternatives

Glass Cup.

Code: 24-1600

Shrinkage Dish.

Code: 24-1550

Shrinkage Dish.

Code: 24-1550
Product Group: Volumetric Shrinkage, Shrinkage Prong Plate

Nominal 42 mm diameter x 12 mm deep.

Standards

ASTM D427, AASHTO T92

Accessories

Evaporating Dish - 150 x 45 mm

Code: 82-2000

Measuring Cylinder - Glass 100 ml

Code: 82-0380

Alternatives

Glass Cup.

Code: 24-1600

Prong Plate.

Code: 24-1500

Glass Cup.

Code: 24-1600
Product Group: Volumetric Shrinkage, Shrinkage Prong Plate

Nominal 70 mm diameter x 50 mm deep.

Standards

ASTM D427, AASHTO T92

Accessories

Evaporating Dish - 100 x 40 mm

Code: 82-1970

Measuring Cylinder - Glass 100 ml

Code: 82-0380

Alternatives

Prong Plate.

Code: 24-1500

Shrinkage Dish.

Code: 24-1550

Shrinkage Mould to BS 1377

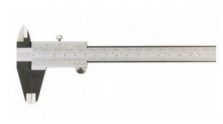
Code: 24-1800
Product Group: Linear Shrinkage

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

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.).

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).

Accessories

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 - 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

Alternatives

MultiPlex 50 Load Frame

Code: 25-3700/01

Versa-Loader

Code: 25-3525/02

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

Accessories

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

Code: 25-4166

50mm Base Adapter for 50mm Cells.

Code: 25-4168

Pressure Interface Chamber

Code: 25-0695

Alternatives

100mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4157

70mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4117

70mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4117

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

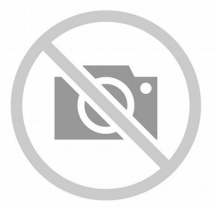
BS 1377, ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297

Specification

Cell size	70 mm
Max specimen size	70 x 140 mm
Working pressure	1701 kPa
Max piston load	46 kN
Vertical clearance required	430 mm
Horizontal clearance required	180 mm
Weight kg	7.3
Maximum Working Pressure	25 0 psi (1,700 kPa).
Maximum Piston Load	10,100 lbf. (45 kN).

Maximum Specimen Size	2.8” (70 mm) diam. x 5.6” (14 0 mm) l.
Required Clearance	17” (43 0 mm) vertical; 7.1” (180 mm) horizontal.
Weights	Net 16 lbs. (7.3 kg).

Accessories



1.4" Base Pedestal

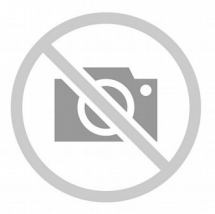
Code: 25-4170

1.4" Specimen Cap

Code: 25-4250

2.8" Base Pedestal

Code: 25-4178



2.8" Specimen Cap

Code: 25-6630

50mm Base Adaptors for 70mm Cells.

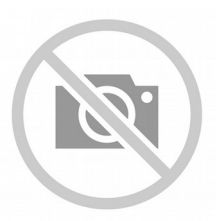
Code: 25-4174

70mm Base Adaptor for 70mm Cells.

Code: 25-4176

Digital Pressure Gauge 1700Kpa. for Ele Triaxial Cells.

Code: 27-1620



Drainage Line for 25-4250

Code: 25-5050/10

Drainage Line for 25-6430

Code: 25-6430/10

High Vacuum Grease

Code: 88-3115

Piston Restraint Clamp for Ele Triaxial Cells

Code: 25-4200

Pressure Interface Chamber

Code: 25-0695

Pressure Pad 70mm Diameter.

Code: 25-6430

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

Code: 25-4520

Alternatives

100mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4157

4" Triaxial Cell

Code: 25-4159

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

Code: 25-4047

100mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4157

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

Accessories

100 mm Base Adaptor for 100 mm Triaxial Cell.

Code: 25-4186

Pressure Interface Chamber

Code: 25-0695

Alternatives

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

Code: 25-4047

70mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4117

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

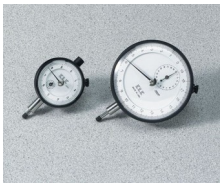
BS 1377

Accessories

Axial Strain Transducer Assembly 50mm Travel Fitted with 5 Pin Din Plug.

Code: 27-1617

Spares/Consumables



Dial Indicator - 1.0" Range

Code: 88-4100

Alternatives

Digital Tritest 50 Load Frame

Code: 25-3518/02

Electronic Digital Indicator, 1.0"/25.4 mm range

Code: 88-4220

Versa-Loader

Code: 25-3525/02

Pressure Test 1700 Oil/Water Constant Pressure System 0 to 1700kPa 220-240V 50/60Hz 1Ph.

Code: 26-1800/01

Product Group: Air/Water Pressure Systems - up to 1000 kPa, Oil/Water Constant Pressure System

- 0 to 1700 kPa (250 lbf/in²) fully variable
- Continuous constant pressure control
- One litre capacity

The ELE oil/water constant pressure system, PressureTest 1700, is extremely versatile and can be used in conjunction with a wide range of test equipment. The unit provides continuous variable pressure up to 1700 kPa. Pressure is increased or decreased simply by turning a control wheel.

The apparatus is supplied without a gauge for those customers who have suitable pressure monitoring equipment. A digital pressure gauge is offered as an accessory. The machine features a clear hydraulic/water interface reservoir and up to one litre capacity of water is available under pressure.

Further Information

Dimensions (without gauge) 240 x 400 x 500 mm (l x w x h).

Accessories

Digital Pressure Gauge 1700 kPa for Use with 26-1800 Series Oil/Water Constant Pressure System.

Code: 26-1820

Spares/Consumables

Oil 5 Litres T46

Code: 26-1805

GDU 8 Channel Data Acquisition Unit 220-240 V 50/60 Hz, 1 Ph.

Code: 27-1500/01

Product Group: Data Logging with the GDU, Geotechnical Data Acquisition Unit (GDU), Automatic Data Acquisition - Triaxial, Automatic Data Acquisition - Consolidation, Automatic Data Acquisition - Direct Shear, Automatic Data Acquisition - CBR

The GDU is a stand-alone, multi-tasking, multi-channel data logger, that is reliable and powerful, enabling it to co-ordinate test data from the range of ELE transducers required for various test methods.

The ELE Geotechnical Software package (DS7.1 and following), in conjunction with the GDU and a range of transducers, are the two central components required to create a modern turnkey soil testing system. Being fully modular it can be adapted to a wide range of soil testing laboratory configurations.

• For performing CBR, Consolidation, Direct/Residual Shear and Total & Effective Stress Triaxial tests
• 8 Channels expandable to 32 for performing multiple, concurrent tests for cost savings
• Independent signal conditioning on each channel to maintain data accuracy
• Field-upgradeable software, meaning no downtime for future software and functionality upgrades
• PC link via RS232 (DS7.1 only), or RS232 and Ethernet P2P/LAN (with DS7.2 and following)

• Extended warranty

Specification

Case	Aluminum, free standing; houses power supply, analog to digital conversion module and an 8-channel analog input module with transducer energization.
Sockets	Standard 5-pin DIN type.
Input Range	± 5 volts to ± 10 mV full scale.
Transducer Supply	10vDC.
Dimensions	12.8” w. x 14.3” d. x 6.1” h. (325 x 363 x 155 mm).
Weight	Net 14.08 lbs. (6.4 kg).

Accessories

8-Channel Expansion Analog Input Module

Code: 27-1505

USB to Serial Adapter

Code: 27-1701

Alternatives

GDU 8 Channel Data Acquisition Unit 100-120 V 60 Hz

Code: 27-1500/02

RS232/USB Cable, GDU

Code: 27-1510

S-Type Load Cell 10 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: 27-1553

Product Group: Load Measurement, Load Measurement

•Repeatability better than ± 0.02% of rated output
•Non-Linearity better than ± 0.03% of rated output
•Supplied complete with 5-pin DIN type connector for connection to GDU

Ideally suited for a wide range of applications, ELE S-type load cells provide high accuracy and minimum deformation. Various models are available, with the necessary adaptors, for use with ELE Triaxial Load Frames, Multiplex 50/Marshall Test 50/CBR Test 50 and Direct Shear machine.

Accessories

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

Code: 27-1551

Alternatives

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

Code: 27-1551

Axial Strain Transducer Assembly 50mm Travel Fitted with 5 Pin Din Plug.

Code: 27-1617

Product Group: Axial Displacement, Axial Displacement, Displacement Transducers

0 to 50 mm range. For use with Triaxial Cells.
•Ideally suited for use with GDU for accurate displacement measurements
•Models available for use in consolidation, shear, CBR and triaxial test applications
•Supplied complete with mounting hardware for specified products

Displacement Transducers are used in consolidation, shear, CBR and triaxial test applications for accurate displacement measurements. They are supplied complete with a 5-pin DIN type connector for direct connection to the GDU.

Specification

Construction	Fully encapsulated electronics, sealed in a stainless steel case
Excitation	10V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45

Accessories

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

Code: 27-1697

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

Code: 27-1689

Spares/Consumables

CBR Displacement Transducer

Code: 27-1706

Alternatives

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

Code: 27-1697

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

Code: 27-1689

Rock Core Drill Supplied with 2 X Nx Core Drill Bit

Code: 70-0095/01
Product Group: Sample Preparation

Cores may be cut from regular or irregular samples of rock or other material for end preparation prior to strength testing. Side guards and a drain tray provide protection against water spray and a sliding front allows access to the specimen clamp. The clamp provides maximum orientation for securing irregular block samples.

Further Information

Supplied complete with 2 x NX Core Barrel. For 220-240 V AC, 50/60 Hz, 1ph.

Specification

Dimensions (l x w x h)	500 x 500 x 1160 mm
Drill Head Travel	630 mm
Drill Speeds	350 and 900 rpm
Weight	61.5 kg

Accessories

HQ size Core Drill Bit for 70-0095/01 Rock Core Drill

Code: 70-0095/10

ELE-Hoek Cell Nx 54.74mm Diameter.

Code: 70-1710
Product Group: Hoek Cells

- For use with pressures up to 70 MPa
- Fast and effective specimen handling
- Accessories for permeability testing

The ELE-Hoek cells in this section have been designed to accept the nominal NX core size as specified in International Standards.

The basic cell comprises a steel body and two steel end caps which are screwed to the body of the cell when in use. The body incorporates two self-sealing couplings; one for connecting to the hydraulic pressure system, the other for de-airing the cell chamber and for the attachment of pressure measurement devices if required. Hardened and ground spherical steel pistons and two jackets of the same diameter as the specimen are supplied.

Further Information

Supplied complete with 2 jackets and 1 pair of load spreader pads.

Accessories

Nylon Tubing 6mm Od 3500Kpa.

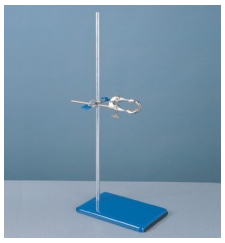
Code: 26-1926

Specimen Extruder Bench Mounting Frame for Extruding Specimens From Hoek Cells

Code: 70-2725

Standard Distance Piece - 20 mm Depth

Code: 37-4980



Support Assembly

Code: 81-0094

Spares/Consumables

Spare Jacket Nx Size.

Code: 70-1712

Alternatives

ELE-Hoek Cell ADR Touch 2000 Compression Machine. 220 - 240 V 50/60H z

Code: 70-2630/01

Hand Operated Pressure System. Complete with Pressure Gauge and Flexible Hose.

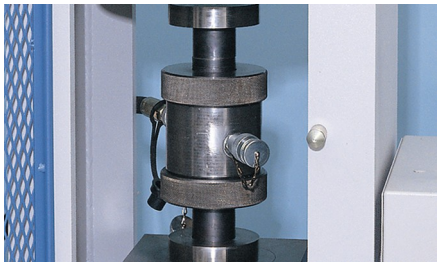
Code: 70-5000

Pair of Permeability End Caps Nx. Supplied with Distance Block.

Code: 70-1750

Pressure Test 3500 Oil/Water Constant Pressure System with Digital Pressure Gauge.

Code: 70-5130/01



ELE-Hoek Cell ADR Touch 2000 Compression Machine. 220 - 240 V 50/60Hz

Code: 70-2630/01
Product Group: Triaxial Testing

• High stability load frame

• Calibration accuracy satisfies BS EN ISO 7500-1, ASTM E4

This machine incorporates the ADR Touch Microprocessor System. The ADR is designed to minimise data entry during normal testing procedures. These machines are specially adapted for use with ELE Hoek Triaxial Cells and feature fixed upper and lower platens with locations to centralise the triaxial cell assembly for maximum stability.

Standards

BS EN ISO 7500-1, ASTM E4

Further Information

Supplied complete with digital readout, power pack, special upper and lower platens and gates. For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Dimensions (l x w x h)	520 x 700 x 1300 mm
Capacity	2000 kN
Ram travel	50 mm
Display	ADR Digital Readout
Platen diameter	178 mm
Accuracy	Better than ± 1% over upper 90% of working range
Rated power	1350 W
Weight	600 kg

Accessories

Nylon Tubing 6mm Od 3500Kpa.

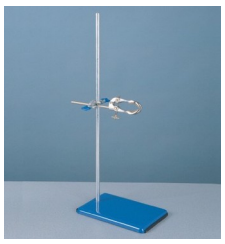
Code: 26-1926

Specimen Extruder Bench Mounting Frame for Extruding Specimens From Hoek Cells

Code: 70-2725

Standard Distance Piece - 20 mm Depth

Code: 37-4980



Support Assembly

Code: 81-0094

Spares/Consumables

Spare Jacket Nx Size.

Code: 70-1712

Alternatives

ELE-Hoek Cell Nx 54.74mm Diameter.

Code: 70-1710

Hand Operated Pressure System. Complete with Pressure Gauge and Flexible Hose.

Code: 70-5000

Pair of Permeability End Caps Nx. Supplied with Distance Block.

Code: 70-1750

Pressure Test 3500 Oil/Water Constant Pressure System with Digital Pressure Gauge.

Code: 70-5130/01

Specimen Extruder Bench Mounting Frame for Extruding Specimens From Hoek Cells

Code: 70-2725

Product Group: Hoek Cells

Extrudes the specimen from its jacket without the need to drain the confining fluid. Incorporates a rack and pinion mechanism mounted in a steel body, with adjustable back plate. Supplied with NX extruder adaptor set.

Digital Point Load Test Apparatus.

Code: 77-0115

Product Group: Digital Point Load Tester, Point-Load Strength Test

Originally developed at Imperial College, London, the apparatus comprises a two-column fixed crosshead frame and a hand operated hydraulic jack.

Pressure applied by the jack extends the piston carrying the lower conical point. The upper point is fixed to the crosshead with a scale mounted on the frame to provide specimen diameter information for use in point load strength index calculations. Pressure is indicated directly on the digital readout unit. Loads up to 55 kN can be applied to specimens as large as 101.6 mm in diameter.

The apparatus is supplied complete with heavy-duty face mask.

Standards

EN DD ENV 1997-2, ASTM D5731

Specification

Capacity	55 kN
Maximum sample size	101.6 mm
Load range	0 to 55 kN x 0.001 kN
Weight	25 kg
Capacity	13 ,000 lbf. (55 kN).
Specimen Size	4” (101.6 mm) maximum.
Load Range	0-13 ,000 lbf. (55 kN) x 0.2 lbf. (0.001 kN).
Weight	Net 60 lbs. (27.2 kg).

Accessories

European Plug Adapter

Code: 77-0115/12

Spares/Consumables

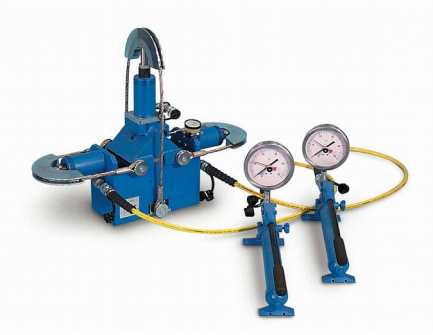
Set of Cones for Digital Point Load Tester

Code: 77-0115/10

Alternatives

Rock Classification Hammer

Code: 77-0470



Rock Shear Box Apparatus

Code: 77-1040
Product Group: Rock Shear Apparatus

Used to determine the strength and slope stability of rock size max 115x125 mm or cores max. dia. 102 mm, both in the field and in the laboratory.

Complete with two horizontal rams for shear in two directions, vertical loading ram, two bourdon tube load gauges dia. 150 mm with quick release couplings, calibrated 50 kN x 1 kN division, two hand pumps with hydraulic connections and dial gauge 25x0.01 mm.

Specification

Dimensions	600 x 250 x 460 mm
Weight	46 kg

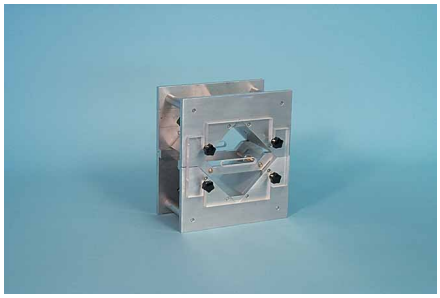
Accessories

Mould Former for Rock Shear Box Apparatus

Code: 77-1040/10

Pressure Maintainer for Rock Shear Box Apparatus

Code: 77-1040/11



Mould Former for Rock Shear Box Apparatus

Code: 77-1040/10

Product Group: Rock Shear Apparatus

Used to prepare the specimen in the dimensions and geometry as requested by the shear box.

Pressure Maintainer for Rock Shear Box Apparatus

Code: 77-1040/11

Product Group: Rock Shear Apparatus

Complete with pump, to absorb volume changes of the specimen and to allow a constant load to be maintained during the test.

Drying Oven 750 Litre

Code: 78-0140/03

Product Group: Oven Drying Method, Oven Drying Method, Oven Drying Method

Constructed of mild steel with powder coated exterior and aluminium coated steel chamber (corrosion resistant). 3 pH + neutral with digital control. Microprocessor digital control as standard. Temperature range 40-250 deg.C.

Comes with certificate of conformity for BS1377.

5 shelves and 8 shelf positions.

Weight: 200kg

Digital Hotplate

Code: 78-3104/01
Product Group: Digital Hotplate

Further Information

Not available for sale in the USA

Specification

Dimensions	520 x 360 x 130 mm
Construction	Robust metal with anodised aluminium plate heated surface
Maximum temperature	300 x 1ºC
Rated power	1500 W

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

Measuring Cylinder - Glass 100 ml

Code: 82-0380

Product Group: Measuring Cylinders, BS, Volumetric Shrinkage

Soda glass, spouted, BS EN 4788.

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Evaporating Dish - 150 x 45 mm

Code: 82-2000

Product Group: Evaporating Dishes, Volumetric Shrinkage

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA