



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

This wishlist was generated on 16/03/2018, and contains the following Products:

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23-4200

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

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27-1300/01

**DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz**

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27-1559

**50kN S-type Load Cell**

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45-6310

**Compaction Mould**

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45-6410

**Compaction Pedestal BS 598**

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45-6460

**Compaction Hammer**

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45-6462

**Paper Discs**

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45-6463

**Steel Block**

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45-6810/01

**Marshall Test 50**

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45-6820/11

**Flow Transducer**

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45-6850

**Breaking Head (Marshall)**

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82-5247

**Portable Thermometer 100 ml**

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46-4120

**Ductility Testing Machine**

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42-1000/01

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

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42-1005

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

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34-6122/01

**Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.**

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82-7031

**Paraffin Wax**

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81-0588

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

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36-0720/01

**ADR Touch 1500 Compression Machine with Digital Readout.**

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37-6140

**100kN Flexural and Transverse (Flags) Frame. Supplied Without Specimen Bearers and Fitting Kit.**

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37-6138

**100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.**

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37-6330

**Specimen Bearer Assembly**

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37-6364

**Specimen Bearers for testing flags. Used on 37-6140 flags frame.**

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37-6133

**Ball Seating Assembly 150mm Dia Platens.**

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35-1500

**Advanced SilverSchmidt Concrete Test Hammer**

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26-3335

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

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24-0540

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

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24-0546

**Test Gauge for Checking Condition of Cone Point.**

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24-0548

**Penetration Test Cup.**

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## 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



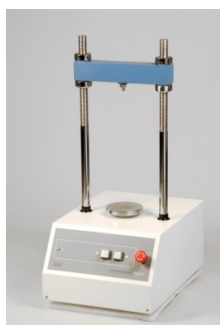
## 38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

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](#)



## DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz

Code: 27-1300/01

Product Group: [Data Logging with the DSU](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Data Logging with the DSU](#)

· Download the full brochure here  
[[/Page/catalogue-download/NTRmZS9UaGUgTkVXIERTVSBVU0EucGRm](#)]

- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation and Unconsolidated Undrained tests
- LAN connection - software can be running anywhere on your server
- Never lose data from power fails - 2 gigabytes of non-volatile memory
- Extended warranty

The Data System Unit (DSU) is a versatile instrument designed to accommodate the general logging requirements of geotechnical and materials testing engineers. Its intelligent interface allows the user to work with a range of different sensors.

## Further Information

The DSU has two distinct modes of operation. The first is referred to as DS mode (DataSystem) for operation with ELE International's established DS7 geotechnical testing software.

### DS MODE

- Up to four one dimensional consolidation tests
- Up to two CBR tests
- One direct/residual shear test
- One triaxial quick un-drained test

### DU MODE

- Up to two Marshall tests
- Up to two CBR tests
- Up to two Unconfined compression tests
- Automatic frame control

### OVERVIEW

- Touch Screen data entry for standalone operation, Marshall/CBR/Quick un-drained



- Automatic single and dual frame control (with multiplex 50 frame)
- Log memory of 2 gigabytes
- Non-volatile memory
- Ethernet TCPIP link and serial comms support
- Market leading signal stability
- Certificate and manual calibration features

Become a member of the ELE International web site, add this new product to a wishlist to receive a quote! Click here [Login]

This product is now available in the USA and Canada!

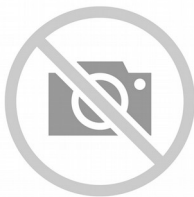
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## Accessories



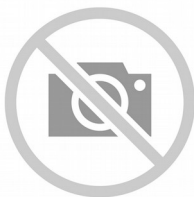
### Cable, Safety/ID

Code: [27-1300/11](#)



### Dual Frame Comms Cable

Code: [27-1300/10](#)



### PC Cable

Code: [27-1300/12](#)

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## Alternatives



### DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)





## Marshall Test 50

Code: [45-6810/01](#)



## Marshall Test 50

Code: [45-6810/06](#)



## 50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Load Measurement](#), [Electronic Instrumentation](#), [Force measurement](#), [Electronic Instrumentation](#)

Maximum working capacity of 50 kN and excitation 10 V ac/dc with an output of 2.7 mV/V nominal.

Aluminium alloy and stainless steel construction with IP65 environmental protection.

## Standards

EN 12697-34

## Further Information

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

## Accessories



### Breaking Head (Marshall)

Code: [45-6850](#)



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

Code: [27-1551](#)

## Alternatives



### Breaking Head (Marshall)

Code: [45-6850](#)



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

Code: [27-1551](#)



## Compaction Mould

Code: 45-6310

Product Group: Accessories for manual and automatic compaction, Asphalt Compaction Mould

Comprising of mould body, baseplate and combined filling/extraction collar.

## Standards

EN 12697-30, ASTM D6926, AASHTO T245

## Specification

Construction	Machined seamless steel forming mold; base and collar.
Finish	Plated for rust resistance.
Dimensions	4" (101.6 mm) i.d. x 3" (76.2 mm) internal h. with base.
Weight	Net 6 lbs. (2.7 kg).



## Compaction Pedestal BS 598

Code: [45-6410](#)

Product Group: [Manual Compaction](#)

Comprising a 300 mm sq x 25 mm thick steel plate complete with 4 tie rods and securing nuts. A mould clamp and hammer guide are fitted to the plate. The unit is supplied complete with a laminated hardwood block.

## Standards

EN 12697-30

## Further Information

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



## Compaction Hammer

Code: [45-6460](#)

Product Group: [Manual Compaction, Stability](#)  
[Compaction Hammer](#)

Satisfies BS 598. The hammer has a 4535 g sliding weight with a free fall of 457 mm.

## Standards

EN 12697-30, ASTM D6926, AASHTO T245

## Specification

Tamping Face	3-7/8" (98 mm) diam.
Hammer	10 lb. (4.54 kg).
Drop	18" (457 mm).
Construction	Machined steel; cast aluminum handle.
Weight	Net 16 lbs. (7.2 kg).



## Paper Discs

Code: [45-6462](#)

Product Group: [Filter Paper Discs, Accessories for manual and automatic compaction](#)

Non-absorbent, 99 mm diameter, pack of 100.

## Standards

EN 12697-30

## Specification

Weight

Net 2.9 oz. (82 g).





## Steel Block

Code: [45-6463](#)

Product Group: [Accessories for manual and automatic compaction](#)

100 mm diameter x 50 mm height. For heating the compaction hammer foot.

## Standards

EN 12697-30

## Further Information

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

## Accessories



### Water Bath

Code: [45-6490/01](#)

## Spares/Consumables



### Baseplate

Code: [45-6310/11](#)



## Compaction Mould Body

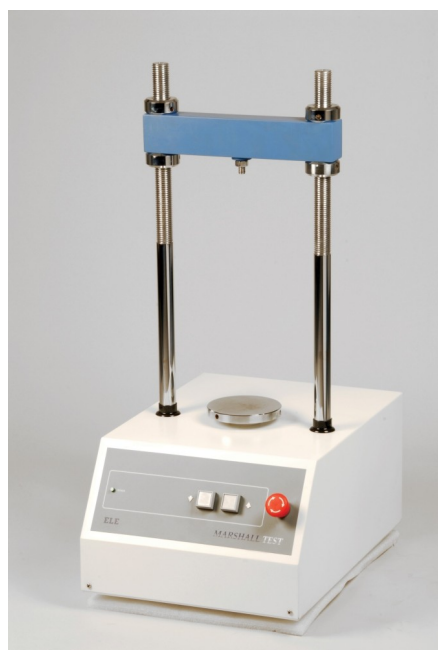
Code: [45-6310/10](#)

### Alternatives



## Water Bath

Code: [45-6490/01](#)



## Marshall Test 50

Code: [45-6810/01](#)

Product Group: [Marshall Load Frames](#)

- Geared screwjack and motor drive
- Precise speed
- Internal limit switch for both directions of travel
- Easy to use controls

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on a bench top, requiring only a power point. It has been designed for simple operation, is easy to clean and requires minimum maintenance.

## Standards

EN 12697-34

## Further Information

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

Load frame, 50 kN capacity. Supplied without Breaking Head. For 220 - 240 V AC, 50 Hz, 1 ph.

## Accessories



### 250 Asphalt Probe

Code: [47-0202/10](#)



### 30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



## 50kN Clamped Boss Load Ring

Code: 78-0860



## 50kN S-type Load Cell

Code: 27-1559



## Breaking Head (Marshall)

Code: 45-6850



## Flow Meter BS/EN

Code: 45-6880

## Alternatives



## Digital Asphalt Thermometer

Code: 47-0202



## DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: 27-1300/02



## **DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz**

Code: [27-1300/01](#)

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

Code: [23-4200](#)



## Flow Transducer

Code: [45-6820/11](#)

Product Group: [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#)

Pre-calibrated, for use with breaking heads:

45-6850, for use with Marshall Load Frame  
45-6810/01 and 45-6810/06.

45-6855, for use with Marshall Stability Tester  
45-6829/02 and 45-6829/06.

## Standards

EN 12697-34

## Further Information

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



## Breaking Head (Marshall)

Code: [45-6850](#)

Product Group: [Accessories for the Marshall test](#)

Complete with gauge disc. Supplied without flow meter.

## Standards

EN 12697-34

## Accessories



### 250 Asphalt Probe

Code: [47-0202/10](#)



### 30 L Heating Bath with Led Display Cover

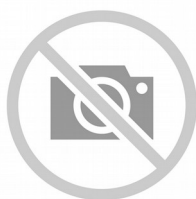
Code: [45-6550/01](#)



### 50kN S-type Load Cell

Code: [27-1559](#)

## Alternatives



### 250 Asphalt Probe

Code: [47-0202/10](#)





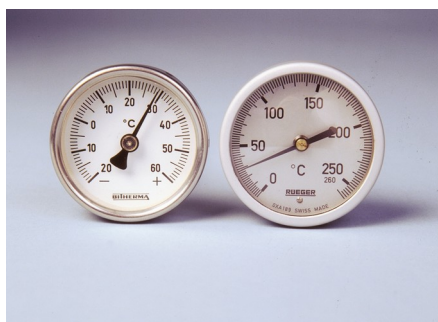
## 30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



## 50kN S-type Load Cell

Code: [27-1559](#)



## Portable Thermometer 100 ml

Code: [82-5247](#)

Product Group: [Portable Dial-type Thermometers](#)

50 mm diameter dial with a 180 mm long stem.

## Further Information

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



## Ductility Testing Machine

Code: 46-4120

Product Group: Ductility Testing

The Ductility Testing Machine is used to determine the ductility of bituminous materials in a briquette mould by measuring the breaking elongation at a constant speed of 50 mm/min. It is designed for testing 3 specimens simultaneously. The Internal tank is made of stainless steel. The bath is fitted with an immersion heater in order to obtain (in normal conditions), the 25°C test temperature.

The Ductility Testing Machine comprises of speed control and water circulator to maintain the homogenous water temperature.

Elongation measurement through the motor encoder.

3 simultaneous load measurements with 18-bit resolution.

Speed control with servo AC motor between 0.01 to 100 mm/min.

Ethernet connection for computer interface.

Has 3 load cells with an accuracy of  $\pm 0.1N$ , with a maximum capacity of 300 N.

Failure conditions can be downloaded to the unit.

Complies with EN13398, ASTM D113, ASTM D6084 and AASHTO T51 standards.

## Specification

Dimensions	300 x 1850 x 550 mm
Weight	80kg
Watts	1000 W
Power supply	220V 50-60Hz 1Ph



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

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

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

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

## Standards

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

## Further Information

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

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

## Accessories



### 200 mm Diameter Lid

Code: [79-0010](#)



### 200 mm Diameter Receiver

Code: [79-0020](#)



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

Code: [79-1630](#)

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

Code: [79-0310](#)

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

Code: [79-0070](#)

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

Code: [79-1670](#)

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## Digital Pocket Thermometer

Code: [82-5420](#)

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## Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)

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## Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

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

Code: [42-1005](#)



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

Code: 42-1005

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

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

### Standards

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

### Further Information

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





## Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.

Code: [34-6122/01](#)

Product Group: [Melting Pot](#)

This unit is suitable for melting wax and capping compound and comprises a metal container in a welllagged steel jacket. A thermostatic control and stand-by heat switch are fitted. Supplied complete with lift-off cover.

## Standards

BS 1377-1

## Further Information

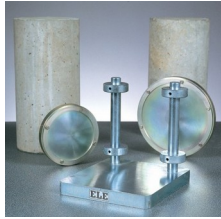
**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

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

## Specification

Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg
Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg

## Alternatives



### Cylinder Capping Frame Complete with 100mm and 150mm Dia Capping Plates.

Code: [34-6031](#)



### Flake Capping Compound to ASTM C617 22Kg

Code: [34-6100](#)



## 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](#)



## 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



## ADR Touch 1500 Compression Machine with Digital Readout.

Code: 36-0720/01

Product Group: General Purpose Compression Machines

- 1560 kN/350 000 lbf capacity
- Calibration accuracy to BS EN ISO 7500-1; ASTM E4;
- Efficient hydraulic power packs
- Economic machines ideal for site use

The Compact 1500 range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

### SPECIMEN CAPACITY

The dimensions of the frame allow the testing of cylinders up to 320 mm long x 160 mm diameter, and cubes 150 or 100 mm square. Kerbs and flagstones may also be tested on the ADR machine as well as 150 mm and 100 mm square section beams to ASTM C78, using the optional 100 kN flexural frames which are connected to the power pack.

### LOAD INDICATION

The ADR digital readout is a microprocessor controlled instrument, which is fitted as standard to all digital machines in the range. Load can be displayed in kN, lbf or kgf as selected by the operator.

## Standards

BS EN ISO 7500-1, ASTM E4

## Further Information

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

The Standard range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

### ACCURACY & SAVINGS

The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.

- Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

## TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

- Enhanced USB data communications between PC and machine - eliminating the need for download software.
- Two gigabytes of storage memory.
- Full customization of sample sizes - stress calculations are automatically recalculated.

## USER SAFETY

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

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## Specification

Testing Standards	BS EN ISO 7500-1, ASTM E4
Capacity	1500 kN
Cubes (Concrete)	Up to 150 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	325 mm
Platen Sizes	Lower, Upper 222 mm
Max Ram Travel	50 mm

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## Accessories



### 100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)



## 2000 kN Capacity Calibration Load Cell with Hand-Held Readout & Calibrated to UKAS

Code: [37-8315](#)



## ADR Touch Head for Compression Machines

Code: [37-5951/09](#)



## Impact Printer Rs232 Serial Connection. Supplied Complete with 1 Paper Roll.

Code: [37-4859/01](#)



## Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)



## Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)





## Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)



## Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)



## Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

## Spares/Consumables



## Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: [6014A0062](#)

## Alternatives



## ADR Touch 2000 Standard Compression Machine with Digital Readout.

Code: [36-3090/01](#)



## 100kN Flexural and Transverse (Flags) Frame. Supplied Without Specimen Bearers and Fitting Kit.

Code: [37-6140](#)

Product Group: [Flexural and Transverse Testing](#)

- Open sided for ease of specimen loading
- Meets EN 1339, 1340 for kerbs and flagstones
- Optional ball seating assembly

This rigidly constructed, open sided frame is suitable for testing kerbs and flagstones to EN 1339,1340. With optional accessories it can also be used to test 100 mm and 150 mm section beams for flexural strength to EN 12390-5.

The frame supports a hydraulic ram and upper sub-platen assembly incorporating spherical seating. The upper and lower sub-platens will accept specimen loading bearers, which are supplied separately.

## Further Information

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

## Specification

Dimensions (l x w x h)	840 x 845 x 1215 (mm)
Vertical clearance with bearers	170 mm
Throat clearance	330 mm
Ram travel	330 mm
Weight	460 kg

## Accessories



### 100 kN Flexural Fitting Kit ADR Auto for 110 - 120 V AC, 60 Hz, 1 ph

Code: [37-6135/02](#)



## 100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 50 Hz, 1 ph

Code: [37-6135/01](#)



## 100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 60 Hz, 1 ph

Code: [37-6135/06](#)



## 100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)



## Ball Seating Assembly 150mm Dia Platens.

Code: [37-6133](#)



## Specimen Bearer Assembly

Code: [37-6330](#)



## Specimen Bearers for testing flags. Used on 37-6140 flags frame.

Code: [37-6364](#)



## Specimen Bearers for Testing Kerbs. Used on 37-6140 Flags Frame.

Code: [37-6362](#)



## Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)



## Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)



## Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)



## Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)



## Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

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### Alternatives



## Accu-Tek Touch 250 Automatic Compression Machine 110 V 60Hz

Code: [36-1690/02](#)



## Accu-Tek Touch 250 Automatic Compression Machine 220-240 V 50Hz

Code: [36-1690/01](#)



## Accu-Tek Touch 250 Automatic Compression Machine 220-240 V 60Hz

Code: [36-1690/06](#)



## ADR Touch Manual Power Pack Including Fitting Kit 110V 60Hz 1Ph

Code: [36-6165/02](#)



## ADR Touch Manual Power Pack Including Fitting Kit 220-240V 50/60Hz 1Ph

Code: [36-6165/01](#)



## 100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)

Product Group: [Accessories to connect ELE compression machines to the flexural/transverse frames](#)

These flexural frames can be used with a wide range of ELE compression machines. Simply select one of two fitting kits designed to link the flexural frame to either the ADR-Auto range of compression machines or any other ADR compression machine.

## Further Information

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



## Specimen Bearer Assembly

Code: [37-6330](#)

Product Group: [Flexural and Transverse Testing](#)

EN 12390-5, 1521, 13161, 772-6. Comprising 2 self-aligning upper roller bearers, 1 self-aligning and 1 fixed lower roller bearer. Roller bearers are 38 mm dia x 320 mm long and suitable for 3- or 4-point flexural testing of beams.

## Standards

EN 12390-5, 1339, 1340

## Further Information

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





## **Specimen Bearers for testing flags. Used on 37-6140 flags frame.**

Code: [37-6364](#)

Product Group: [Flexural and Transverse Testing](#)

For transverse testing of flags to EN 1339.

## **Standards**

BS 7263, EN 1339

## **Further Information**

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



## Ball Seating Assembly 150mm Dia Platens.

Code: 37-6133

Product Group: [Flexural Testing for Beams, Flexural Frame Attachments](#)

Comprising a ball seating assembly with 150 mm diameter platen and a lower platen 150 mm diameter x 16 mm thick. Suitable for testing low-strength specimens.

### Further Information

Specimen size (effective height)  
Distance pieces required

40 mm  
2 x 100 mm  
1 x 80 mm

50 mm  
2 x 100 mm  
1 x 50 mm  
1 x 20 mm

70.7 mm  
2 x 100 mm  
1 x 50 mm

100 mm  
2 x 100 mm  
1 x 20 mm



## Advanced SilverSchmidt Concrete Test Hammer

Code: 35-1500

Product Group: Surface Hardness, Surface Hardness

The SilverSchmidt ST/PC is the first integrated concrete test hammer featuring true rebound value and unmatched repeatability.

Two factors contribute to the improved performance of this concrete test hammer over its predecessors:

- Velocity based detection of the rebound quotient
- The lightweight hybrid design of the impact plunger is made from aerospace alloy, matched to the elastic properties of the concrete and equipped with a hardness steel cap

Independent validation testing by BAM (Federal Institute for Materials Research and Testing, Germany) has shown the SilverSchmidt ST/PC to have less dispersion than the classical concrete test hammer over the entire range.

The unique design and high quality construction of the concrete test hammer SilverSchmidt ST/PC makes rebound hammer testing quicker and more accurate than ever before.

## Standards

EN 12504-2, EN 13791, ASTM C805

## Further Information

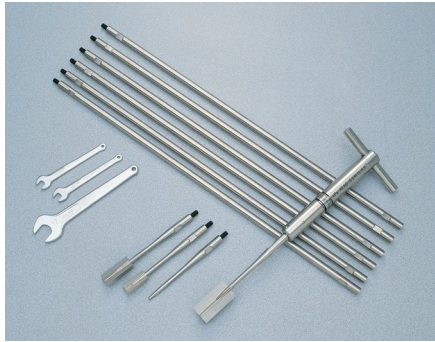
- The SilverSchmidt ST/PC concrete test hammer combines a high measurement accuracy with an unmatched repeatability.
- The rebound value requires no angular correction
- The concrete test hammer offers customer conversion curves for a wide range of compressive concrete strengths, including low  $f_c$  ( $<10$  N/mm<sup>2</sup>, 1'450 psi) and high strength concrete (up to 100 N/mm<sup>2</sup>, 14'500 psi)

- A large number of measurement points can be easily collected by the concrete test hammer and automatically evaluated according to statistical data
- The concrete test hammer offers automatic conversion to the required measurement unit (MPa, N/mm<sup>2</sup>, kg/cm<sup>2</sup>, psi)

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## Specification

Technical Data	Silver Schmidt
Impact Energy	2.207 Nm
Hammer Mass	135 g
Spring Constant	0.79 N/mm
Spring Extension	75 mm (2.95")
Dimensions	55 x 55 x 255 mm (2.16" x 2.16" x 9.84")
Concrete Compressive Strengths	10-100 N/mm <sup>2</sup> (1450-14500 psi)
Weight	570 g (1.4 lb)



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

Code: [26-3335](#)

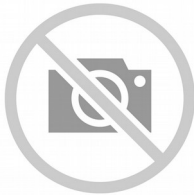
Product Group: [Inspection Vane](#)

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

### **Further Information**

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

### **Spares/Consumables**



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

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

### **Alternatives**



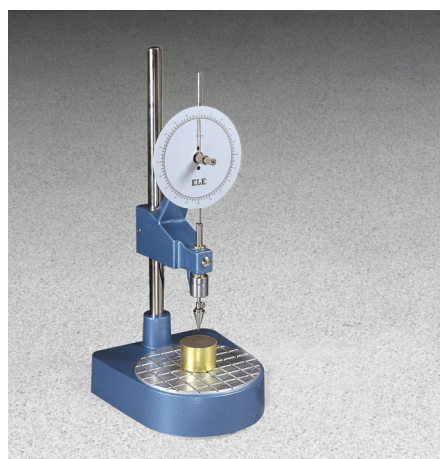
## **Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.**

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



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

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



## 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](#)





## Test Gauge for Checking Condition of Cone Point.

Code: [24-0546](#)

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

55 mm diameter by 40 mm deep, with the rim parallel to the flat base.

## Standards

BS 1377-2



## Penetration Test Cup.

Code: [24-0548](#)

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

Brass construction, 55mm dia x 40mm depth to fit BS1377

## Standards

BS 1377-2