



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

This wishlist was generated on 06/12/2016, and contains the following Products:

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35-1480

**Standard Concrete Test Hammer**

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35-2302/09

**Pundit Lab Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph**

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36-4150/01

**ADR-Auto V2.0 2000 BS Compression Machine**

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24-9150/01

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

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27-1705

**CBR Penetration Transducer 50mm Travel Fitted with 5 Pin Din Plug.**

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27-1559

**50kN S-type Load Cell**

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27-1798

**DS7.2 California Bearing Ratio (CBR) Penetration Program for Windows 7, 32/64 bit**

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27-1300/01

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

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36-0720/01

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

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## Standard Concrete Test Hammer

Code: [35-1480](#)

Product Group: [Concrete Test Hammer, Surface Hardness](#)

The hammer is intended for testing the quality of concrete in finished structures such as buildings and bridges. Supplied complete with carrying case and carborundum stone, the hammer is suitable for testing concrete with compressive strengths of 10 to 70 N/mm<sup>2</sup>.

## Standards

ASTM C805

## Specification

Body	Includes indicator scale, calibration curves.
Calibration Curves	Rebound number vs. compressive strength.
Rubbing Stone	Prepares test surface.
Accuracy	Within 15 %.
Carrying Case	Plastic.
Weight	Net 3 lbs. (1.4 kg).

## Spares/Consumables



### Rubbing Stone

Code: [35-1475/10](#)



## Pundit Lab Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

Code: [35-2302/09](#)

Product Group: [Pundit Lab](#), [Pundit Lab Ultrasonic Concrete Test](#)

Pundit Lab is the most versatile Pundit to date. It has all the functions of the classic Pundit 7, but offers additional benefits.

Designed with laboratory use in mind, its compact size, rugged construction and optimized power consumption make it equally suitable for on-site use.

Along with the traditional transit time and pulse velocity measurement, Pundit Lab offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimized pulse shaping gives greater transmission range at lower voltage levels. This coupled with automated combination of the transmitter voltage and the receiver gain ensures an optimum received signal level, ensuring accurate and stable measurements.

The waveform can be viewed either via an external oscilloscope connection or directly on a connected PC screen.

Full remote control capability completes the package.

Complete with two 54 kHz transducers each with 3.6 metres of cable, coupling agent, carrying case and instruction manual.

## Standards

BS 1881-203, EN 12504-4, ASTM C597, D2845

## Further Information

For 110 - 240 V AC, 50 - 60 Hz, 1 ph.

## Spares/Consumables



## Ultrasound Couplant Supplied In 250ml bottle

Code: [35-2305](#)



## ADR-Auto V2.0 2000 BS Compression Machine

Code: [36-4150/01](#)

Product Group: [BS EN Compression Machines](#)

The ADR-Auto V2.0 2000 BS EN is supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders. When used for cube testing Distance pieces (EN) of the appropriate size must be ordered separately.

## Standards

EN 12350-6, NF P18-411

## Further Information

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

Whilst delivering all of the features and reputation of the established ADR-Auto V2.0 range with its 20 year design history, the new and improved user interface provides a high quality platform for testing that will enhance the performance of our compression machines. New, sophisticated electronics further the benefits of a closed-loop operation in testing concrete and cement/ mortar samples, satisfying the requirements of Quality Control Managers, Lab Managers and Technicians alike.

### ACCURACY & SAVINGS

The NEW ADR-Auto V2.0 range, with 145mm (5.7") 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%. Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. With the latest closed-loop technology used in the ADR-Auto V2.0, the most effective cement ratios can be used with confidence.

### TRACEABILITY & DATA QUALITY

The ADR-Auto V2.0 now provides improved data quality and traceability in due diligence cases - it is now possible to display 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. Prove your service quality - the ADR-Auto V2.0 now plots load vs time in real-time, proving full compliance to the testing standard. This data can be stored for later use or for detailed analysis of the concrete production.

### USER SAFETY

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.

## Specification

Testing Standards

BS EN 12390, BS EN 12390-3,



Capacity	BS EN 12390-4, BS EN 12390-5, EN 12504-1, EN 1354, EN 1521, EN 3161, EN 1338, EN 772-6, EN 13286-41, BS 3892-3, BS 187, BS 6717, BS EN ISO 7500-1, ASTM E4
Cubes (Concrete)	2000 kN
Cylinders (Concrete)	Up to 200 mm
Blocks	Up to 160 x 320 mm
TFV and ACV	Via optional Platen Handling System
Voltage Supply	Yes
Frame Type	220-240 V 50 Hz 1 Ph
Max vert. Clearance	Welded
Max hor. Clearance	340 mm
Platen Sizes	355 mm
Max Ram Travel	Lower 220mm sq, Upper 300mm dia
	50 mm

## Spares/Consumables



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

Code: [6014A0062](#)



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

Code: [24-9150/01](#)

Product Group: [CBR Load Frames](#)

- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

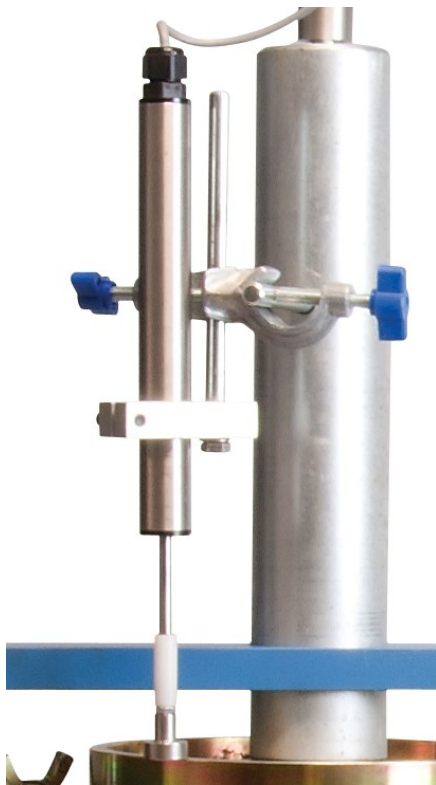
Designed for performing laboratory CBR tests to BS 1377, EN13286-47 and ASTM D1883, this bench mounting machine comprises a twin column frame incorporating a motorised drive system. Rapid adjustment of the platen is provided, which enables daylight to be taken up quickly and also close control of application of a seating load.

## Standards

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

## Specification

Dimensions (l x w x h)	550 x 400 x 1220 mm
Max vertical clearance	800 mm
Horizontal clearance	255 mm
Platen diameter	133 mm
Platen travel	105 mm
Weight kg	80



## CBR Penetration Transducer 50mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1705](#)

Product Group: [Penetration Measurement](#),  
[Penetration Measurement](#)

- 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	14 V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45





## 50kN S-type Load Cell

Code: [27-1559](#)

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



## **DS7.2 California Bearing Ratio (CBR) Penetration Program for Windows 7, 32/64 bit**

Code: [27-1798](#)

Product Group: [DS7, DS7.2 CBR Penetration  
Software, Automatic Data Acquisition - CBR](#)

This program provides the classical data for the CBR test. Load and penetration are monitored simultaneously. The program tabulates the results and provides a graphical presentation report.



## 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](#), [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

# Product Sheet

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- 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!



## 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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## Spares/Consumables



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

Code: [6014A0062](#)