



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

This wishlist was generated on 02/11/2017, and contains the following Products:

36-0720/01

ADR Touch 1500 Compression Machine with Digital Readout.

26-2261

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

37-6130

100kN Flexural (Beams) Frame. Supplied Without Specimen Bearers and Fitting Kit.



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.

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

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 Control Pro 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](#)



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

Code: [26-2261](#)

Product Group: [Torvane Shear Device, Pocket Shearmeter](#)

The shearmeter can be used on tube samples, on the sides of pits, cuttings etc. It is an invaluable tool for initial site investigation work.

Further Information

Complete with sensitive vane, standard vane and high-capacity vane. Range 0 to 1 x 0.05 kgf/cm2.

Specification

Vane Driver	1.6" (41 mm) diam. x 3.2" (81 mm) l. with vane attached.
Dial Scale	1 kg/sq. cm (tons/sq. ft.) x 0.05 subdivisions.
Carrying Case	Plastic; 6" w. x 4" d. x 2" h. (152 x 102 x 51 mm).
Weight	Net 10.5 oz. (300 g).

Spares/Consumables



High-Capacity Vane

Code: [26-2261/14](#)



Sensitive Vane

Code: [26-2261/10](#)



Standard Vane

Code: [26-2261/12](#)

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](#)



Hand Vane Tester

Code: [26-3346](#)



100kN Flexural (Beams) Frame. Supplied Without Specimen Bearers and Fitting Kit.

Code: [37-6130](#)

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

- Open sided for ease of specimen loading
- Meets EN 12390-5, 1521, 13161, 772-6 and ASTM C78 for standard section beams
- Optional ball seating assembly

This rigidly constructed, open sided frame is suitable for testing 100 mm and 150 mm square-section beams. The frame supports a hydraulic ram and upper sub-platen assembly incorporating a spherical seating. The upper and lower sub-platens will accept various specimen loading bearers, which are supplied separately.

Standards

BS 1881-118, EN 12390-5

Further Information

Not available for sale in the USA

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](#)



ASTM C78 Specimen Bearer Assembly Case-Hardened 38mm Dia X 160mm Length.

Code: [37-6132](#)



Ball Seating Assembly 150mm Dia Platens.

Code: [37-6133](#)



BS 1881 Specimen Bearer Assembly 38mm Dia X 160mm Length.

Code: [37-6131](#)



Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)



Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)



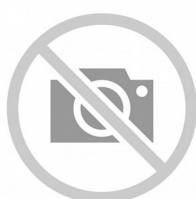
Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)



Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)



Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

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](#)