



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

Contents

www.ele.com
+44 (0) 01525 249 200



This wishlist was generated on 25/05/2017, and contains the following Products:

25-3700/01

MultiPlex 50 Load Frame

36-0720/01

ADR Touch 1500 Compression Machine with Digital Readout.



MultiPlex 50 Load Frame

Code: [25-3700/01](#)

Product Group: [Data Logging with the DSU](#), [CBR Load Frames](#), [Marshall Load Frames](#), [Triaxial Load Frames](#), [Data Logging with the DSU](#)

Compact bench mounting load frame designed for performing laboratory CBR, unconfined compression, Quick Undrained Triaxial and Marshall Stability Tests. Has a variable speed of 0.5 to 50.8mm per minute and features rapid approach of platen.

Standards

EN 12697-34, BS 598, BS 1377, BS 1924, ASTM D1883, EN 12697-23, EN 12697-24, EN 13286-47, AASHTO T193, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297, ASTM D6927

Further Information

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

Specification

Dimensions (l x w x h)	550 x 400 x 1470 mm
Max vertical clearance	800 mm
Horizontal clearance	265 mm
Platen diameter	133 mm
Platen travel	100 mm
Platen speed range	0.5 to 50.8 mm/min
Rapid approach speed	40 mm/min
Weight kg	100, (shipping 113 kg)

Accessories



50kN Clamped Boss Load Ring

Code: [78-0860](#)



50kN S-type Load Cell

Code: [27-1559](#)



Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: [24-9188](#)



Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)



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

Code: [27-1705](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



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](#)



Penetration Dial Gauge BS

Code: [24-9186](#)



Penetration Piston

Code: [24-9182](#)



Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Alternatives



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

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



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

Code: [24-9150/06](#)



Digital Tritest 50 Load Frame

Code: [25-3518/01](#)



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.

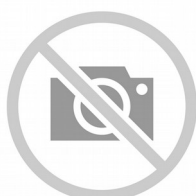
USER SAFETY

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

Code: [37-8315](#)



ADR Touch Head for Compression machines

Code: [37-4950/09](#)



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](#)