

ADR Touch SOLO 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, ASTM C39
- 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, ASTM C39

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, ASTM C39
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 Load Calibration Device complete with Handheld Readout Unit & Calibration Certificate ISO376

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



Pressure transducer, 0-70bar, 0.05 to 10v DC Output

Code: 6014A0065

Alternatives



ADR Touch SOLO 2000 Semi-Automatic Compression Machine with Digital Readout.

Code: 36-3090/01