



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

This wishlist was generated on 17/08/2016, and contains the following Products:

36-4125/06

ADR-Auto V2.0 2000 Standard Compression Machine

36-4155/06

ADR-Auto V2.0 BS EN 2000/250kN Compression Machine

36-3280/01

ADR Touch 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

36-3090/01

ADR Touch 2000 Standard Compression Machine with Digital Readout.



ADR-Auto V2.0 2000 Standard Compression Machine

Code: 36-4125/06

Product Group: General Purpose Compression Machines

ADR-Auto V2.0 2000 Standard supplied complete with safety gates ready for testing 300 x 150 mm diameter cylinders. When used for cube testing distance pieces of the appropriate size must be ordered separately.

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 ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 150 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
TFV and ACV	Yes

Product Sheet

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



Voltage Supply	220-240 V 60 Hz 1 Ph
Frame Type	Welded
Max vert. Clearance	342 mm
Max hor. Clearance	327 mm
Platen Sizes	Lower , Upper 222 mm
Max Ram Travel	52 mm

Spares/Consumables



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

Code: [6014A0062](#)



ADR-Auto V2.0 BS EN 2000/250kN Compression Machine

Code: 36-4155/06

Product Group: Dual Frame Compression Machines

- 2000/250 kN capacity
- Meets requirements of EN 12390-3, -4, -12504-1, 1354, 1521, 13161, 1338 772- 1, -6, 13286-41 196- 1 459-2. BS 3892-3, 187
- Concrete and cement specimens
- Tests 200, 150, 100, 70.7, 50 and 40 mm cubes and cylinders up to 320 x 160 mm diameter
- Calibration accuracy and repeatability conforms to BS EN ISO 7500-1; ASTM E4
- Supplied with Windows(R) download software as standard

Designed to provide comprehensive test facilities, this twin-frame compression machine is controlled by the automatic console. The 2000 kN capacity frame meets the requirements of EN Standards and accepts the range of on-board accessories.

As the second outlet control port is connected to the 250 kN load frame, attachment of a flexural frame is not possible. The 250 kN frame is supplied complete with compression jig, 40 mm, 50 mm/2.0 inch square platens and meets the requirements of EN 196-1.

When selecting the frame to be used for testing the automatic changeover valve incorporated in the system delivers the hydraulic fluid to that frame.

Standards

EN 12350-6, EN 196-1

Further Information

Not available for sale in the USA

220-240V 60Hz 1Ph.

Specification

Testing Standards

BS EN 12390-3, BS EN 12390-4, EN 12504-1, EN 1354, EN 1521, EN 13161, EN1338, EN 772-1, EN 772-6, EN 13286-41, EN 196- 1, EN 459-2, BS 3892-3, BS 187

Voltage Supply

220-240 V 60 Hz 1 Ph

Spares/Consumables



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

Code: [6014A0062](#)



ADR Touch 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

Code: 36-3280/01

Product Group: BS EN Compression Machines

The ADR Touch range of 2000 kN and 3000 kN capacity compression machines has been designed to meet the need for reliable and consistent testing. The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram, which is protected from debris by a flexible cover, the lower platen is marked for the centring of cube and cylinder specimens. Self-centring lower platens for cube location are supplied as standard on EN machines and are available as an optional extra on the standard machine. The two machines for cube testing to EN standards are assembled and aligned using a special compression frame stability tester.

The dimensions of the frame allow the testing of concrete cylinders up to 320 mm long x 160 mm diameter, 150 and 100 mm square cubes, and on EN/BS machines, 200 mm square cubes. Kerbs and flagstones may also be tested on ADR machines 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.

Standards

EN 12350-6, NF P18-411

Further Information

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

ADR Touch BS EN 2000 and 3000 kN compression machines are supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders.

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 12390-4, BS EN 12390-3, 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
Capacity	2000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Class (Stability)	Tested
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm

Spares/Consumables



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

Code: [6014A0062](#)



ADR Touch 2000 Standard Compression Machine with Digital Readout.

Code: 36-3090/01

Product Group: General Purpose Compression Machines

- 2000 kN/450 000 lbf capacity
- Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- Supplied with Windows(R) download software as standard.

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

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.

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

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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
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Max Ram Travel	50 mm

Spares/Consumables



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

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