



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

This wishlist was generated on 03/08/2016, and contains the following Products:

78-0135/01

425 Litre Drying Oven

36-3090/01

ADR Touch 2000 Standard Compression Machine with Digital Readout.

36-3280/01

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

36-3320/01

ADR Touch 3000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

35-1480

Standard Concrete Test Hammer



425 Litre Drying Oven

Code: 78-0135/01

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104, BS 1377

Specification

| | |
|---------------------------------|---------------------|
| Capacity | 425 litres |
| External Dimensions (l x w x h) | 790 x 1350 x 670 mm |
| Internal Dimensions (l x w x h) | 640 x 920 x 760 mm |
| Fluctuation | ± 0.75°C |
| Rated power heater elements | 2000 W |
| Shelves supplied | 4 |
| Shelf positions | 5 |
| Weight | 120 kg |



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.

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 | 2000 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 |

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 3000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

Code: [36-3320/01](#)

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.

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| Capacity | 3000 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 | 310 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](#)



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/mm2.

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