



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

This wishlist was generated on 14/02/2018, and contains the following Products:

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.

36-5125/01

ADR Touch Control Pro 2000 Auto Compression Machine

36-5150/01

ADR Touch Control Pro 2000 Auto BS EN Compression Machine

37-4980

Standard Distance Piece - 20 mm Depth

37-5000

Standard Distance Piece - 50 mm Depth

37-5020

Standard Distance Piece - 60 mm Depth

37-5050

Standard Distance Piece - 80 mm Depth

37-5100

Standard Distance Piece - 100 mm Depth



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

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 Head for Compression Machines

Code: [37-5951/09](#)



Flexible Hose

Code: [5038B0027](#)



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 1500 Compression Machine with Digital Readout.

Code: [36-0720/01](#)



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

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](#)



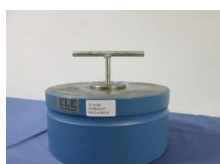
ADR Touch Head for Compression Machines

Code: [37-5951/09](#)



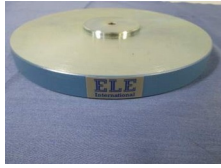
BS/EN Standard Rectangular Platen

Code: [37-4860](#)



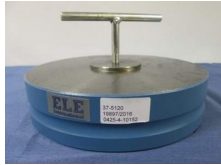
EN 12390-3/4 Distance Piece - 100 mm Depth

Code: [37-5180](#)



EN 12390-3/4 Distance Piece - 20 mm Depth

Code: [37-5110](#)



EN 12390-3/4 Distance Piece - 50 mm Depth

Code: [37-5120](#)



EN 12390-3/4 Distance Piece - 60 mm Depth

Code: [37-5140](#)



Extended Front Safety Gate for Use with 2000kN BS/EN Load Frames Fitted with Rectangular Platens.

Code: [37-4835](#)



Impact Printer Rs232 Serial Connection. Supplied Complete with 1 Paper Roll.

Code: [37-4859/01](#)

Spares/Consumables



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

Code: [6014A0062](#)



ADR Touch Control Pro 2000 Auto Compression Machine

Code: 36-5125/01

Product Group: General Purpose Compression Machines

The ADR Touch Control Pro is 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****

The ADR Touch Control Pro will deliver all the features and quality of the established ADR-Auto range, with its 20 year history, but with a new sleek design and additional capabilities. The console assembly consists of an ADR Touch Control Pro and power base which can be used with all existing concrete and cement frames

USER INTERFACE

The new ADR Touch Control Pro has an improved user interface providing a high quality platform for testing that will enhance the performance of our compression machines. It now has a larger 7-inch colour touch screen with a higher definition display, allowing easier observation of test progress. A favourites option is also available, allowing users to save the most common set-ups for immediate access, without the need for navigating through selection menus.

USER FLEXIBILITY

The ADR Touch Control Pro has a unique flexible head with rotation capabilities of 75-degrees and a 45-degree tilt, improving usability and comfort for individual users. It is available with four languages English, Spanish, Portuguese and French, making it even more user-friendly and accessible to a wider audience. The new LAN connectivity feature lets the operator use the PC based APP (ELE Logger) to download test results away from the test area. User flexibility has also increased with the new ADR Touch Control Pro as it can now be operated remotely, so tests can be initiated away from the test area. Many issues can be resolved quickly by our service team through the new remote diagnostics feature and updating to the latest version of software has never been easier.

COMPATIBILITY

The all new dual sensor capabilities allow users to test both concrete and cement samples on one frame. The ADR Touch Control Pro is compatible with all existing compression frames and upgrade kits are also available. The upgrade kits can be used to convert existing ADR-Auto consoles to the new Automatic Digital Control Readout.

TESTING TIMES

The new generation ADR Compression Machines have an increased control over the pace rate, which allows users to run the pace rate higher than average, but still within standard. This produces an average time saving of 10% for a typical 150mm cube sample.

ELECTRICAL

Reduced component count and no wire design results in increased reliability and serviceability.

New low voltage interlocks and e-stop has increased safety. The ADR Touch Control Pro has the latest Arm Core Processor technology which has improved the processing power and speed.

Specification

Capacity	2000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
TFV and ACV	Yes
Voltage Supply	220-240 V 50 Hz 1 Ph
Frame Type	Welded
Max vert. Clearance	375 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower , Upper 222 mm
Overall Dimensions	450 x 780 x 1225 mm

Accessories



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](#)



2000 kN Capacity Calibration Load Cell with Hand-Held Readout & Calibrated to UKAS

Code: [37-8315](#)



Flexible Hose

Code: [5038B0027](#)



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 Control Pro 2000 Auto Compression Machine

Code: [36-5125/06](#)



ADR Touch Control Pro 2000 Auto Compression Machine

Code: [36-5125/02](#)



ADR Touch Control Pro 2000 Auto BS EN Compression Machine

Code: [36-5150/01](#)

Product Group: [BS EN Compression Machines](#)

The ADR Touch Control Pro 2000 Auto BS EN is supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders. When used for cube testing distance pieces (EN) of the appropriate size must be ordered separately.

Standards

EN 12350-6, NF P18-411, EN 12390-4, EN 12390-3, EN 772-1, BS EN ISO 7500-1, ASTM E4

Further Information

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The ADR Touch Control Pro will deliver all the features and quality of the established ADR-Auto range, with its 20 year history, but with a new sleek design and additional capabilities. The console assembly consists of an ADR Touch Control Pro and power base which can be used with all existing concrete and cement frames

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Specification

Capacity	2000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
TFV and ACV	Yes
Voltage Supply	220-240 V 50 Hz 1 Ph
Frame Type	Welded
Max vert. Clearance	375 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm

Accessories



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](#)



2000 kN Capacity Calibration Load Cell with Hand-Held Readout & Calibrated to UKAS

Code: [37-8315](#)



300mm Lower Brick Platen

Code: [37-4842](#)



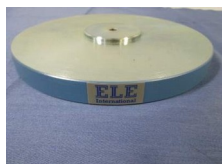
BS Block Platens & Platen Handling Assembly for 2000kN & 3000kN BS Frames.

Code: [37-4830](#)



EN 12390-3/4 Distance Piece - 100 mm Depth

Code: [37-5180](#)



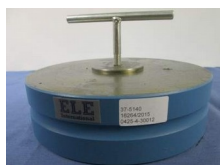
EN 12390-3/4 Distance Piece - 20 mm Depth

Code: [37-5110](#)



EN 12390-3/4 Distance Piece - 50 mm Depth

Code: [37-5120](#)



EN 12390-3/4 Distance Piece - 60 mm Depth

Code: [37-5140](#)



Flexible Hose

Code: [5038B0027](#)



Impact Printer Rs232 Serial Connection. Supplied Complete with 1 Paper Roll.

Code: [37-4859/01](#)

Spares/Consumables



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

Code: [6014A0062](#)

Alternatives



ADR Touch Control Pro 2000 Auto BS EN Compression Machine

Code: [36-5150/06](#)



ADR Touch Control Pro 3000 Auto BS EN Compression Machine

Code: [36-5165/06](#)



ADR Touch Control Pro 3000 Auto BS EN Compression Machine

Code: [36-5165/01](#)



Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)

Product Group: [Distance Pieces](#)

Further Information

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



Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)

Product Group: [Distance Pieces](#)

Further Information

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



Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)

Product Group: [Distance Pieces](#)

Further Information

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



Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

Product Group: [Distance Pieces](#)

Further Information

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



Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)

Product Group: [Distance Pieces](#)

Further Information

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