



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

This wishlist was generated on 26/02/2020, and contains the following Products:

36-0720/01

ADR Touch SOLO 1500 Compression Machine with Digital Readout.

36-3090/01

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

36-3280/01

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

36-3320/01

ADR Touch SOLO 3000 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

36-5151/01

ADR Touch Control PRO 2000 Auto (low and high strength) BS EN Compression Machine

36-5155/01

ADR Touch Control PRO 2000/250kN Auto BS EN Compression Machine

36-5165/01

ADR Touch Control PRO 3000 Auto BS EN Compression Machine

36-5170/01

ADR Touch Control PRO 3000/250kN Auto BS EN Compression Machine

36-5225/01

ADR Touch Control PRO 2000 Compression Machine complete with Remote Head

36-5265/01

ADR Touch Control PRO 3000 BS EN Compression Machine complete with Remote Head

36-6165/01

ADR Touch Manual Power Pack Including Fitting Kit 220-240V 50/60Hz 1Ph

37-4881/01

ADR Touch Control PRO Console

39-7160/01

ADR Touch Control PRO 250/25 Auto Cement Machine

39-7170/01

ADR Touch Control PRO 250 Cement Machine (jig only without platens)



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;
- 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



ADR Touch SOLO 2000 Semi-Automatic 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
- Incorporates an ADR touch digital readout with rugged electrically driven hydraulic power pack with manual pace control as standard.
- High stability welded construction steel frame.
- Fitted with front and rear gates for operator protection.
- Maximum vertical clearance between upper & lower platen 340mm and horizontal distance is 325 mm
- Supplied with 222 mm dia removable lower platen marked for centering of cube and cylinder specimens.

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



ADR Touch SOLO 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



ADR Touch SOLO 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.

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	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



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	340 (360 without 20 mm Ram Spacer)
Max hor. Clearance	320 mm
Platen Sizes	Lower , Upper 222 mm
Overall Dimensions	450 x 780 x 1225 mm



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 320 x 160 mm diameter cylinders. When used for cube testing distance pieces (EN) of the appropriate size must be ordered separately.

Complies to EN 12390-4 (BS 1881-115), EN 12390-3 (BS 1881-116), EN 12504-1, EN 1354, EN 13286-41, EN 772-1, EN ISO 7500-1, ASTM E4.

Standards

EN 12350-6

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 320 x 160 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	340 (360 mm without 20 mm Ram Space)
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm



ADR Touch Control PRO 2000 Auto (low and high strength) BS EN Compression Machine

Code: 36-5151/01

Product Group: [Dual Sensor Compression Machines](#),
[Dual Sensor Compression Machines](#)

36-5151/01 is supplied with compression jig assembly and 1 each, 40 mm, 50 mm and 2 inch square platen set.

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	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



ADR Touch Control PRO 2000/250kN Auto BS EN Compression Machine

Code: 36-5155/01

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
- When used for cube testing distance pieces (EN) of the appropriate size must be ordered separately.

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 196-1, ISO 679, EN 459-2, EN 1015-11, EN 13454-2, ASTM C109, BS EN ISO 7500-1, ASTM E4

Further Information

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

Voltage Supply

220-240 V 50 Hz 1 Ph



ADR Touch Control PRO 3000 Auto BS EN Compression Machine

Code: 36-5165/01

Product Group: BS EN Compression Machines

The ADR Touch Control PRO 3000 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

****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	3000 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	340 (360 mm without 20mm Ram Spacer)
Max hor. Clearance	310 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm



ADR Touch Control PRO 3000/250kN Auto BS EN Compression Machine

Code: 36-5170/01

Product Group: Dual Frame Compression Machines

- 3000/250 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 3000 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****

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.



ADR Touch Control PRO 2000 Compression Machine complete with Remote Head

Code: 36-5225/01

Product Group: Remote Head Automatic
Compression Machines

The Remote Head ADR Touch Control PRO range allows three options for the ADR Touch Control PRO head:

- One being a desk mounting option
- Second option is a desk mount which enables a ADR Touch Control PRO head and PC monitor to be mounted side by side
- Third option is shown in the picture and enables users to mount the ADR Touch Control PRO head to a wall
- All options allow a distance of 1.3 meters between the console and the head

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.

Please note mount must be ordered separately depending on option required.

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



ADR Touch Control PRO 3000 BS EN Compression Machine complete with Remote Head

Code: 36-5265/01

Product Group: Remote Head Automatic
Compression Machines

The Remote Head ADR Touch Control PRO range allows three options for the ADR Touch Control PRO head:

- One being a desk mounting option
- Second option is a desk mount which enables a ADR Touch Control PRO head and PC monitor to be mounted side by side
- Third option is shown in the picture and enables users to mount the ADR Touch Control PRO head to a wall
- All options allow a distance of 1.3 meters between the console and the head

The ADR Touch Control PRO 3000 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.

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	3000 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	320 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm



ADR Touch Manual Power Pack Including Fitting Kit 220-240V 50/60Hz 1Ph

Code: [36-6165/01](#)

Product Group: [Manual Power Packs](#), [Manual Power Packs](#)

For use with ELE Compression and Flexural Frames;

37-6130: 100kN Flexural (beams) Frame

37-6140: 100kN Flexural and Transverse (flags) Frame.

39-6120: 250/25 kN Compression Frame.



ADR Touch Control PRO Console

Code: [37-4881/01](#)

Product Group: [Compression Machine Upgrades](#)

Complete ADR Touch Control PRO console with hose/oil, ready to attach to an ADR frame.

For 220 - 240 V, 50 Hz, 1 ph.

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

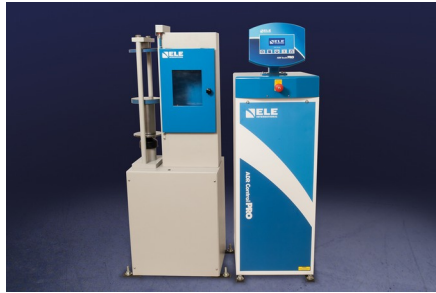
The new generation ADR Compression Machines have an increased control over the pace rate, which allows users to run the pace rate higher than average, but still within standard. This produces an average time saving of 10% for a typical 150mm cube sample.

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

Screen resolution	7" 800 x 480 TFT LED Touch Screen, Scratch Proof and Splash Proof (IP31)
ADR Touch Head Movement	Rotate up to 75° horizontally and up to 45° vertically
Connection	LAN + USB (USB for software update and data backup)
External PC connection	Yes, using custom PC App
Download test data	Yes, using custom PC App
Memory storage	Over 100 test profiles and 6 customised test profiles (favourites) per frame in flash. 2GB= Stores over a million tests + SD card
Printer	Optional External Printer + Print From PC
Calibration and Accuracy	1% to full load range
Multiple language support	4 and option to upgrade to CJK (after launch)
Dimensions	760 x 520 x 1500 mm (l x w x h)
Weight	135 kg



ADR Touch Control PRO 250/25 Auto Cement Machine

Code: 39-7160/01

Product Group: Activity Index, ADR Touch Control Pro 250/25 Auto Cement Machines

- 250 kN maximum capacity
- Calibration accuracy to BS EN ISO 7500-1; ASTM E4
- Automatic loading cycle
- 25 kN low capacity frame supplied as standard
- Tests a wide variety of specimen sizes
- Tests mortar, lime, cement and Fly Ash
- Complete with compression/flexural jigs and platen sets
- Supplied with Windows(R) download software as standard

The ADR Touch Control PRO 250/25 Machine provides consistent automatic testing of a wide range of specimens. The machine comprises a standard ELE 250/25 kN load frame and the new ADR Touch Control PRO console and incorporates all the features included in the ADR Touch Control PRO series concrete testing machines.

As standard the machine is supplied with platens fitted to the load frame, compression jig with 40 mm and 50mm/2 inch square platen sets and flexural jig for testing 40.1 x 40 x 160 mm prisms.

The availability of the 25 kN low capacity load frame as standard extends the test capability of the machine for low strength compression or flexural testing.

Standards

EN 196-1, EN 459-2, EN 1015-11, EN 13454-2, ASTM C109, ISO 679, ASTM E4, EN 196-2

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.



ADR Touch Control PRO 250 Cement Machine (jig only without platens)

Code: 39-7170/01

Product Group: [ADR 250 Cement Machines](#),
[Automatic Compression Machines](#)

- 250 kN capacity
- Meets requirements of EN 1354-4, EN 196-1, ISO 679, EN 459-2, EN 1015-11, EN 13454-2, ASTM C109/C109M
- Cement specimens
- Tests 100, 70.7, 50 and 40 mm cubes
- Calibration accuracy and repeatability conforms to BS EN ISO 7500-1; ASTM E4
- Supplied with Windows(R) download software as standard
- When used for cube testing distance pieces (EN) of the appropriate size must be ordered separately.

Designed to provide comprehensive test facilities, this compression machine is controlled by the automatic console.

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

Further Information

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

Voltage Supply	220-240 V 50 Hz 1 Ph
Overall Frame Dimensions	355 x 455 x 1230 mm (14" x 18" x 48.4")
Console Dimensions	760 x 520 x 1500 mm (30" x 20.5" x 59")