



ADR Touch Control Pro

Accurate and Consistent Testing

New

- Larger 7-inch, high resolution, colour display
- Favourites option for test samples
- Flexible head: 75-degree rotation and 45-degree tilt
- Available with English, Spanish, Portuguese and French via language options
- Remote operation away from test area via App
- Remote diagnostics
- Dual sensor for testing both concrete and cement samples on one frame
- Upgrade kits available for compatibility with existing lower consoles
- Over 100 pre-programmed test profiles and large memory storage capacity available

ADR Touch Control Pro Compression Range

ELE International is pleased to announce the release of a new Automatic Digital Control Readout, the ADR Touch Control Pro.

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 Pro and power base which can be used with all existing concrete and cement frames.

User interface

The new ADR Touch 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 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 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 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 Pro has the latest Arm Core Processor technology which has improved the processing power and speed.



ADR Touch Control Pro

Capacity	2000 kN	2000 BS	3000 BS	250/25
Type	Standard	EN12390	EN12390	Cement EN196
ADR-Auto (Automatic testing cycle)	✓	✓	✓	✓
Dual-Frame	Not available	2000/250	3000/250	

New tilt and turn screen



250/25 kN Cement Machine

Tilt and rotation

Favourites option available

ADR Touch Control Pro Compression Machine Specifications



Capacity	2000 kN	2000 kN (BS)	3000 kN (BS)	250/25 kN
	36-5125/01 36-5125/02 36-5125/06	36-5150/01 36-5150/06	36-5165/01 36-5165/06	39-7160/01 39-7160/02 39-7160/06
Frame				
Frame Type	Heavy Duty Welded	Heavy Duty Welded	Heavy Duty Welded	Heavy Duty Welded
Frame connections	1 as standard, can be upgraded to 2. Can be placed left or right depending on customer requirements.			2 as standard, can be placed left or right depending on customer
Max Vertical Clearance (mm)	375	375	375	205
Max Horizontal Clearance (mm)	355	355	320	25kN: 160 / 250kN: 225
Platen Sizes (mm)	Lower 222 dia, Upper 222 dia	Lower 220 sq, Upper 300 dia	Lower 220 sq, Upper 300 dia	Lower 150 dia x 20, Upper 150 dia x 18
Max Ram Travel (mm)	50	50	50	15
Samples				
Cubes (Concrete) (mm)	Up to 200	Up to 200	Up to 200	Up to 100
Cylinders (Concrete) (mm)	Up to 160 x 320	Up to 160 x 320	Up to 160 x 320	No
Blocks	N/A	Via optional Platen Handling System	Via optional Platen Handling System	No
40 mm, 50 mm (2") Cubes	Via Optional Frame	Via Optional Frame	Via Optional Frame	Yes
40.1 x 40 x 160 mm (Flexure)	Via Optional Frame	Via Optional Frame	Via Optional Frame	Yes
TFV & ACV	Yes	Yes	Yes	No
Screen				
Resolution	7" 800 x 480 TFT LED Touch Screen, Scratch Proof and Splash Proof (IP31)			
ADR Touch Head Movement	Rotated up to 75° horizontally and up to 45° vertically.			
Connection	LAN + USB* (* USB for software update and data backup)			
Remote Control				
External PC	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			
Hydraulics				
Rapid Approach	Yes	Yes	Yes	Yes
Hydraulic Pump	Variable Output	Variable Output	Variable Output	Variable Output
Miscellaneous				
Multiple Language Support	4 and option to upgrade to CJK (after launch)			
Pace Rate Indicator	Yes	Yes	Yes	Yes
Load v Time, Goodness of Test	Yes	Yes	Yes	Yes
Analysis of Trend Data	Yes	Yes	Yes	Yes
Overall Dimensions (mm)	450 x 780 x 1225	450 x 780 x 1225	630 x 910 x 1255	355 x 455 x 1230

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