ADR TCP 2000/250/25 kN Auto Compression Machine for Concrete and Cement Testing

Code: 36-5156/01

Product Group: Dual Frame Compression Machines

The new ADR TCP 2000/250/25 kN is a two frame solution which allows you to test Concrete and Cement.

Complies to EN 12390-4, EN 12390-3, EN 12504-1, EN 1354, EN 13286-41, EN 772-1, ISO 7500-1, ASTM E4, EN 196-1, ASTM C109/C109M, ISO 679, EN 459-2, EN 1015-11, EN 13454-2.

Further Information

ADR TOUCH CONTROL PRO CONSOLE

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

Max capacity (Frame 1)	2000 kN
Max capacity (Frame 1) - Mode 1B	250 kN
Max capacity (Frame 2)	25 kN
Mortar Cubes (Cement)	40 mm, 50 mm (20.06 "), 70.7 mm, 100 mm, 40 x 40 x 160 mm
Platen sizes (Frame 2)	40 mm & 50 mm (2.06")
Overall dimensions	510 x 1100 x 1260 mm (L x W x H)