



ADR Touch Range

Accurate and Consistent Testing

New

- New touch screen with user-friendly interface to reduce setup and training time
- Test data enhancements for improved traceability
- High accuracy and test repeatability
- Extended warranty

The 2011 enhanced ADR Touch Compression Range

ELE International's new Digital Controller, the ADR Touch, is now available for all ELE manually-controlled Compression Machines

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. Non-compliant 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.

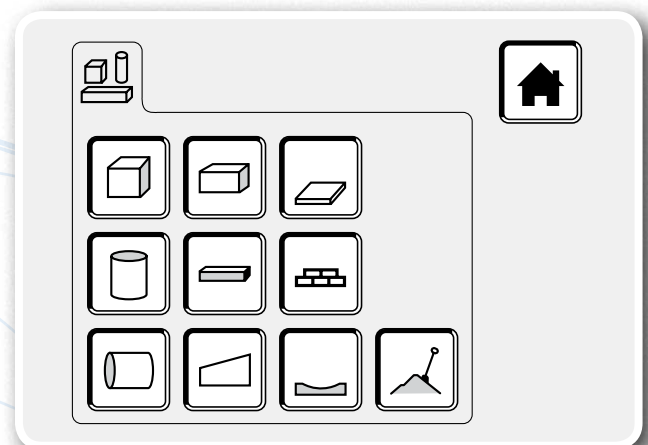
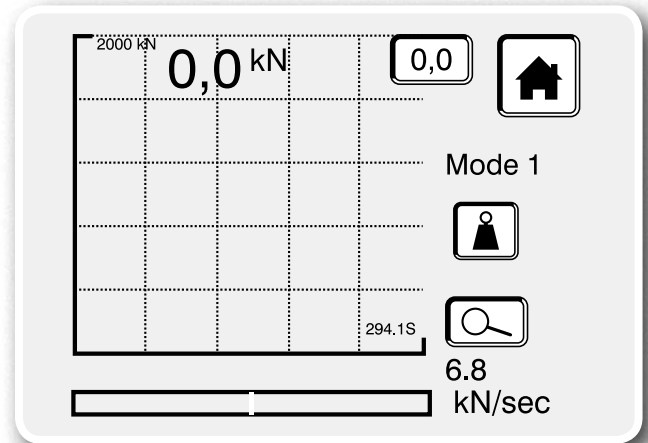
Traceability & Data Quality

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.



The new ADR Touch Range compression testing machine range

Capacity	1500kN	2000kN	2000kN	3000kN
Type	Standard	Standard	EN 12390-4	EN 12390-4



CELEBRATING OUR LEGACY
AND FORGING OUR FUTURE

ADR Touch Compression Machine Specifications

Machine Series	36-0720	36-3090	36-3280	36-3320/01
Standards	–	–	EN 12390-4	EN 12390-4
Frame				
Frame Class (stability)	n/a	n/a	Tested	Tested
Frame Type	Welded	Welded	Welded	Welded
Capacity	1500kN	2000kN	2000kN	3000kN
Max Vertical Clearance	340mm	340mm	340mm	340mm
Max Horizontal Clearance	325mm	325mm	355mm	310mm
Platen Sizes	Lower, Upper 222mm dia	Lower, Upper 222mm dia	Lower 220mm sq, Upper 300mm dia	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50mm	50mm	50mm	50mm
Samples				
Cubes (Concrete)	Up to 150 mm	Up to 150 mm	Up to 200 mm	Up to 200 mm
Cylinders (Concrete)	Up to 160x320 mm	Up to 160x320 mm	Up to 160x320 mm	Up to 160x320 mm
Blocks	n/a	n/a	Via optional Platen Handling System	Via optional Platen Handling System
Flexural Testing	Via Flexural Frame	Via Flexural Frame	Via Flexural Frame	Via Flexural Frame
TFV & ACV	Yes	Yes	Yes	Yes
Hydraulics				
Rapid Approach	No	No	No	Yes
Pump Type	Variable Output	Variable Output	Variable Output	Variable Output
Data Comms				
Printer, PC download, USB, RS232 (option to print)	Yes	Yes	Yes	Yes
Screen				
145 mm (5.7") Touch Screen with Graphical Display	Yes	Yes	Yes	Yes
Platens				
3rd Party Certified	No	No	Yes	Yes
Misc				
Sample Alignment	Engraved Cross Hairs	Engraved Cross Hairs	Location Fixtures	Location Fixtures
Pace Rate 'Bar' Indicator	Yes	Yes	Yes	Yes
Load v Time, Goodness of Test	Yes	Yes	Yes	Yes
Analysis of Trend Data	Yes	Yes	Yes	Yes
Languages	English, French, German, Spanish			
Memory of Test Results	2GB	2GB	2GB	2GB

ELE International
 Chartmoor Road
 Chartwell Business Park
 Leighton Buzzard, Bedfordshire
 LU7 4WG, United Kingdom

Tel: +44 (0) 1525 249 200
 Fax: +44 (0) 1525 249 249

Email: ele@eleint.co.uk
www.ele.com

Distributor: