



CEMENT

Automatic Cement
Compression & Flexural Test Press

PRODUCT CODE

NT-CE2370 Single-space 250 or 15 kN Automatic Cement Compression or Flexural Testing Machine (Frame type should be specified during the order)
NT-CE2372 250/15 kN Automatic Cement Compression & Flexural Testing Machine
NT-CE0070E Compression Jig for testing 40.1x40x160 mm sample portions, **EN**
NT-CE0072E Flexural Jig for testing 40.1x40x160 mm prizm sample, **EN**
NT-CE0070A Compression Jig for testing 50x50x50 mm cube samples, **ASTM**
NT-CE0072A Flexural Jig for testing 40x40x160 mm prizm samples, **ASTM**
NT-CE0070B Compression Jig for testing 70.7 mm cube samples, **BS**

STANDARDS

ASTM C109, ASTM ASTM C348, ASTM C349, EN 196-1, EN 459-2, EN 1015-11, EN 13454-2, EN 13892-2; BS 3892-1, BS 4550-3.4

SPECIFICATIONS

The Automatic Cement Compression and Flexural Press is designed for flexural strength and compression testing of 40.1x40x160 mm mortar prisms or for compressive strength testing of 40.1x40 mm sample portions, 50x50 mm, and 70.7 mm mortar cubes.
The Automatic Cement Compression and Flexural Press meets CE standards for operator safety and health. Load measurements are performed using a Load Cell (high-precision load cell).

The Automatic Cement Compression and Flexural Testing Press can be ordered in two different configurations:

A single frame with two columns for compression or flexural tests (the test frame either compression or flexural needs to be defined during order process) or a frame with dual test areas suitable for flexural/compression tests.



www.noustest.com

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SPECIFICATIONS

The press's upper ball-seat mechanism plate and lower rigid table are manufactured from high-quality, Ø 165 mm hardened steel (greater than HRC 53), and the surface roughness is less than 3,2 µm (micron) to meet the standards.

The Automatic Hydraulic Power Unit consists of a dual-stage pump, pressure transducer, safety valve (to prevent overloads), digital readout and control unit, oil tank, and load cell connection jacks.

Safety features include: Maximum Pressure Valves to prevent overloading, Limit Switch to limit piston travel, Emergency Stop Button, and Software-controlled maximum load limiting.

TECHNICAL DETAILS

Model	NT-CE2370	NT-CE2372	
Test Type	Compression or Flexure	Flexure	Compression
Capacity	250 kN / 15 kN	15 kN	250 kN
Platen Dimensions (Lower + Upper)	Ø165 mm	Ø165 mm	Ø165 mm
Maximum Piston Movement	20 mm (1,18")	20 mm (1,18")	20 mm (1,18")
Power	750 W	750 W	
Dim. (W x D x H)	830 x 500 x 1580 mm	1020 x 500 x 1580 mm	

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