

E160N : Compression and flexural machine

STANDARDS : EN 196-1, EN 13286-41, EN 933-5, EN 1015-11, ISO 679, ASTM C109, ASTM C348, ASTM D1194, BS 4550, GOST 26798.1, EN ISO 13503-2, API RP 19 C

Compression / flexural testing machine with dual measuring range 500/15 kN, motorized with Cyber-Plus evolution control unit (semi-automatic model) for cement and mortar specimens, bricks, rocks, refractories etc.

The measuring range 0 - 15kN can be also used for compression tests on specimens with expected low strength values.

- Two columns high stiffness frame.
- Max. vertical daylight between platens: 185 mm
- Horizontal daylight between columns: 175 mm
- Platens diameter: 153 mm
- Ram travel: 45 mm approx.
- 2 pressure transducers granting the Class 1 starting from 10% of the scale for both the ranges
- Supplied complete with lower compression platen and coupling piece to easily fix the compression devices.
- Power supply (motorized models): 230V 1ph 50Hz 750W
- Weight: 310 - 340 kg



E160N



This testing machine foresees a dual measuring range in the same testing chamber. The two ranges can be used alternatively and are suitable to perform:

1. Flexural tests on cement prisms 40.1x40x160 mm (selecting the low capacity range)
2. Compression tests on portions of prism 40.1x40x160 mm broken in flexure, cubes side 40, 50, 70, 100 mm 2", cores with max. height of 180 mm (selecting the nominal range).

Accessories :

C099-01 Barcode Scanner

C099N Inverter

C121-51 Door stop safety switch

C104-05 Online remote assistance package

C106-10 Flexural device for concrete beams

C127N Graphic printer

E061-12 Propeller, EN 196-8

E161-05 Distance piece, 50 mm high

E161-06 Distance piece, 25 mm high

E161-11 Bench for compression machine

E163N Software for compression tests on mortars

E164N Software for flexural tests

E171 Compression device to test mortar cubes 50 mm

E171-01 Compression device to test mortar cubes 70.7 mm

E172-01 Flexure devices for prisms

E172-02 Flexure device for 40x40x160 mm prisms

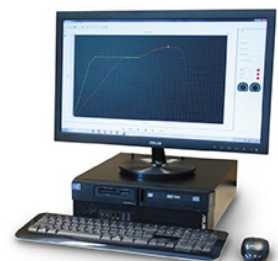
H009-01 Personal computer



C127N



E161-11



H009-01