



M059 COMPACT COMPRESSION TESTING MACHINE Series "COMPACT" 300 kN CAPACITY

The machines series has been designed and built specifically to meet the needs of those who want to carry out tests on compression mortars and cements in building site laboratories; features of these machines are: assembled frame without welds, temperate compression plates, hardened and ground steel, robustness, precision of measurement, ease to use and transport, the perfect compliance with new Standards. The modularity has been interpreted in the full sense of its meaning. The housing piston load was obtained in the lower part of the machine. The purchase of the various components of the press can meet the demands of multiple versions of the machine.

The machine performs compression tests on:

- Cylindrical samples 50x50mm, 100x100mm (diameter x height)
- Cubic samples **40mm, **50 mm, 100 mm.

It is equipped with hand operated hydraulic power unit driven by an incorporated electric motor. There is a pump of more pumping rods that lets you apply the load evenly and consistently. A device allows the rapid approach of the test plates, with automatic pressure test at the time of contact between plates and sample. A special valve, with command unit, it enables you to a pre-regolate load gradient, depending on what is required by standards. It is equipped with safety valve of maximum pressure, to avoid breaking of the measuring system load beyond the maximum load of the machine (C099).

The applied load is display through:

Digital microprocessor Indicator UDI24PRO
Higher compression platen jointed 170x35mm (diam.x alt.).
Lower compression platen: 170x35mm (diam.x alt.).
ACCREDIA Certificate Calibration
Instructions manual.

**Other accessories for all tests must be ordered separately.

CARATTERISTICHE TECNICHE:

300 kN 0.01kN	Portata Massima Risoluzione	67443 lbf 2 lbf
1	Classe di precisione ISO 7500-1 (dal 2% al 100% f.s.)	1
193 mm	Max vertical clearance	7.6 in.
210 mm	Horizontal clearance	8.3 in.
42 mm	Max Stroke piston	1.7 in.
140 kg	Weight	309 lb
610 x 520 x 740 mm	Dimensions width x depth x height	24.0 x 20.5 x 29.1 in.
+ 10 °C / + 35 °C	Operating Temperature	
10 % / 80 %	Relative Umidity	
240V 1ph 50Hz + T	Power Supply*	
750 VA	Max Power Absorbed	

* On request POWER SUPPLY : 115V 1ph 60Hz +T

ACCESSORIES



M060
COMPRESSION DEVICE
EN 196-1
used for the performance of compression test on 40x40x160 mm specimens.
The compression device is inserted between the compression platens of the machine, that are made of special high-tensile and ground steel.
Dimensions : 150 x 180 mm (Diam. X height)
Weight : 10Kg



M061
ASTM C109
COMPRESSION DEVICE
used for the performance of compression test on 50x50x50 mm specimens.
The compression device is inserted between the compression platens of the machine, that are made of special high-tensile and ground steel.
Dimensions : 150 x 190 mm (Diam. X height)
Weight : 10,5Kg