

COMPRESSION TESTING MACHINE TESTED FOR HIGH STABILITY **HIGH-END MODELS**

TO TEST CUBES UP TO 200 MM SIDE AND CYLINDERS UP TO Ø 160X320 MM

STANDARDS: EN 12390-4 | BS 1881:115 | DIN 51220 | ASTM C39 | NF P18-411 | AASHTO T22 | GOST 10180-2012

3000 KN CAPACITY



CYBER-PLUS OR SERVO-PLUS EVOLUTION DIGITAL TOUCH SCREEN DISPLAY



Cyber and Servo-Plus models have robust and reliable electronic controller, 5.7" touch screen color display. 2 USB ports, 1 SD port, 8 channels for pressure transducers (force measurement) or displacement transducers (Elastic Modulus and Poisson ratio measurement).

INVERTER

For a further improvement of energy efficiency and silent operation, (optional device code C099N).
Technical details, p. 223



BARCODE

Scanner for specimen file/identification, (optional device code C099-01).
Details, p. 223



C089-08N + C127N + C111-13



C089-10N + C104-04 + C121-07 + C111-13

COMPRESSION 3000 KN High Stability

LOAD MEASURING SYSTEM

MODEL	Motorized	Cyber-Plus Evolution mod. C109N (p. 224)	Servo-Plus Evolution mod. C104N (p. 224)
C089-08N	▼	▼	
C089-10N *	▼		▼

* Servo-Plus/Autotec models feature fully automatic power pack - electrovalve operated test start (no manual lever).

ACCESSORIES FOR 3000 kN MACHINES FROM MOD. C089-06 TO C089-10N

C111-32 DISTANCE PIECE, 20 mm high for cylinders Ø 150x300 mm

C111-12 DISTANCE PIECE, 73+50 mm high for cubes 200 mm side

C111-13 DISTANCE PIECES, 73+50+50 mm high for cubes 200 and 150 mm side

C111-14 DISTANCE PIECES, 73+50+50+50 mm high for cubes 200, 150 and 100 mm side

C111-15 DISTANCE PIECES, 50+50 mm high for cylinders Ø 110x220 mm

C111-24 DISTANCE PIECE 50 mm high

C111-25 DISTANCE PIECE 73 mm high

C110-15 LOWER COMPRESSION PLATEN, Ø 216x40 mm, hardened and rectified to test cubes 100 and 150 mm, as an alternative to the standard platen Ø 278 mm
 Technical details: see p. 319

 **Note:** the cylinders Ø 160x320 mm do not require any distance piece.



C110-15

C127N GRAPHIC PRINTER on thermo-paper on board for digital models

C127-11 THERMO-PAPER roll for printer (pack of 10 rolls)

C121-07 SAFETY GUARDS, polycarbonate, with hinges and lock, to CE Directive. See p. 317

C121-51 STOP SWITCH on safety guard. See p. 317

C107-10 CAPPING RETAINERS (set of two) for cylinders Ø 150 mm and 6". Other models: see p. 316

C107-20 NEOPRENE PADS (set of two) for cylinders Ø 150 mm 60 shore A. Other models: see p. 316



C107-10 + C107-20

C110-30 UPPER COMPRESSION PLATEN+SPHERICAL SEAT, to fix on the testing machine, in replacement of the standard platen + seat to obtain an increased vertical clearance of the testing chamber and to meet the ASTM C39, C1231 and AASHTO T22, T851
 Platen dimensions: Ø 165x30 mm
 Weight: 10 kg approx.
 Technical details: see p. 316



C110-30

C115-01 TWO WAY HYDRAULIC VALVE, connected to the motorized pumping unit of the machine to activate a second frame. Technical details: see p. 318



C115-01

C097-01 DUAL LOW CAPACITY DIGITAL RANGE, complete with appropriate pressure transducer, only for digital machines. Recommended range 0-250kN.
 Technical details: see p. 313



C097-01

C097-05 CALIBRATION CLASS 1, starting from 1% of the full range. With a special calibration procedure it is possible to grant Class 1 practically on the full range of the compression machine. Applicable only on digital machines.

C097-08 OFFICIAL ACCREDIA (Equivalent UKAS, ENAC, DAKKS, SAS, COFRAC etc.) HARDNESS CERTIFICATE of upper and lower compression platens. Minimum hardness: 55 HRC. See p. 313

C107-01 AUTO-CENTERING DEVICE for cubes 100 and 150 mm side, and cylinders Ø 100 and 150 mm.
 Technical details: see p. 316



C107-01