

COMPRESSION/FLEXURAL TESTING MACHINES WITH DUAL MEASURING RANGE TO TEST CEMENT AND MORTAR SPECIMENS, BRICKS, ROCKS, REFRACTORIES ETC.



STANDARDS: EN 196-1, EN 13286-41, EN 933-5, EN 1015-11 | ISO 679 | ASTM C109, C348, C349, C1194 | DIN 1164 | BS 4550 | GOST 26798-1



CYBER-PLUS OR SERVO-PLUS EVOLUTION DIGITAL DISPLAY

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



E160N + E170

E161-01N + C104-04 + C127N + E172-01

COMPRESSION | FLEXURAL

LOAD MEASURING SYSTEM

MODEL	Dual range kN	Motorized	Cyber-Plus Evolution mod. C109N (p. 224)	Servo-Plus Evolution mod. C104N (p. 224)
E160N	500/15	▼	▼	
E160-01N	250/15	▼	▼	
E161-01N *	250/15	▼		▼
E161-03N *	500/15	▼		▼

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

ACCESSORIES FOR FLEXURE | COMPRESSION MACHINES

E172-01 FLEXURE DEVICE for 40.1x40x160 mm mortar specimens. EN 1015-11, EN 196-1, EN/ISO 679 See p. 428



E172-01

E172-02 FLEXURE DEVICE for 40x40x160 mm mortar specimens. ASTM C348. See p. 428

E170 COMPRESSION DEVICE for portions of prism 40.1x40x160 mm broken in flexure. EN 196, EN/ISO 679, ASTM C349. See p. 428



E170



E171

E171 COMPRESSION DEVICE for cubes 50 mm and 2" side. ASTM C109, C1194. See p. 428

E171-01 COMPRESSION DEVICE for cubes 70.7 mm side. BS 4550. See p. 428



E171-01

Note: other models of flexure and compression devices with accessories are listed at p. 428

E161-05 DISTANCE PIECE, 50 mm high

E161-06 DISTANCE PIECE, 25 mm high

Note: the compression devices do not require any distance piece.

C127N GRAPHIC PRINTER on thermo-paper on board

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

E161-12 SAFETY GUARDS, polycarbonate made, to CE Safety Directive, complete with hinges and lock

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

C097-05 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.

E161-11 BENCH, to hold the compression frame.



E161-11

C115-01 TWO WAY HYDRAULIC VALVE, to activate a second frame. Technical details: see p. 318



C115-01

C106-10 FLEXURAL DEVICE FOR CONCRETE BEAMS 100x100x400 mm and 150x150x600 mm



C106-10

H009-01 PERSONAL COMPUTER, LCD 22" monitor, keyboard, mouse, cables. The supply of the PC includes the installation of the software



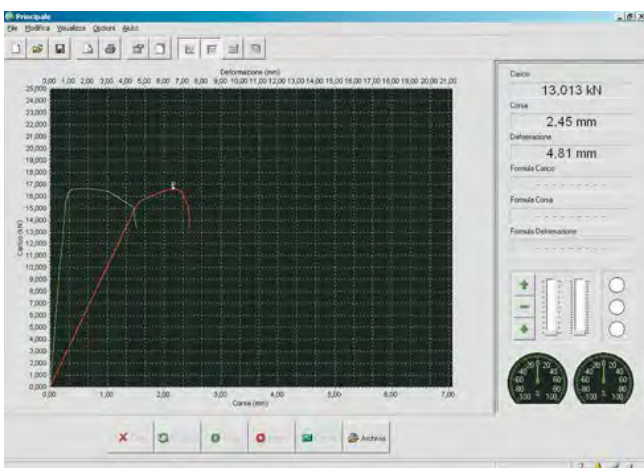
E163

The screenshot shows the Data (190 - 190) software window. It features a menu bar with Test, Result, Cycle, Series, Chart, Report, and Notes. Below the menu is a table with the following data:

#	n°	Name	Symbol	Value	Unit
1	1	Width:	b	40	mm
1	2	Height:	h	40	mm
1	3	Distance:	l	100	mm
1	4	Maximum load:	Fr	8300	N
1	5	Strength:	Rf	19,453	N/mm ²

At the bottom of the window is a control panel with various navigation and function buttons.

E164



C123N

C104-04 CONSOLE HOUSING THE SERVO-PLUS EVOLUTION
The pump assembly "lined" with sound proofing material for noise reduction and the digital system are encased to enhance the design and look of the machine. Technical details: see p. 312



C104-04

C099N INVERTER DEVICE granting a lot of improvements.
NEW Applicable only on Cyber-Plus and Servo-Plus Evolution machines.
Technical details: see p. 223



C099N

**SOFTWARE for DIGITEC / AUTOTEC
or CYBER / SERVO PLUS models**

C123 (N)* SOFTWARE **Servonet** for remote control through PC

E163 (N)* SOFTWARE for compression tests

E164 (N)* SOFTWARE for flexural tests

Technical detail: see p. 18

(N)* for Cyber - Servo Plus models.