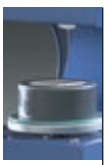

COMPRESSION AND FLEXURAL TESTING MACHINE "HIGH PERFORMANCE" WITH DUAL TESTING CHAMBER AND TWO INDEPENDENT MEASURING RANGES 300 kN AND 15 kN WITH LOAD CELLS

Cyber-Plus or Servo-Plus Evolution Touch Screen Digital System

STANDARDS: **EN 196-1** / EN ISO 679 / ASTM C109, C348, C349 / NF P18-411, P15-451 / UNE 80101
DIN 1164 / BS 3892, 4550, 4551

This testing machine of high performance, advanced solutions and top quality components is equipped with two load chambers with two independent measuring ranges. It is suitable to perform:

- Flexural tests on cement prisms 40,1x40x160 mm (with the range 0 - 15 kN)
- 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 (with the range 0 - 300 kN)

by using the suitable compression devices described in next pages (accessories E170 - E172-01)

The applied load is measured by two strain gage load cells (15kN and 300 kN) at high accuracy.

This solution eliminates the weights of the piston and lower compression platen, packing set frictions etc., granting very high accuracy (max. error within +/- 0,5%)

The load chamber 0 - 15 kN permits very accurate tests on specimens having low strength (both in compression and in flexure).

- Max. vertical daylight between platens: 189 mm
- Platens diameter: 165 mm
- Ram travel: 35 mm approx.

E181N + C127N with compression devices

E183N + C127N with compression devices

- Accuracy: Grade 1 starting from 1/10 of the scale for both the ranges.
- Safety guards to CE Directive, polycarbonate made, with hinges.
- Supplied complete with lower compression platens and coupling pieces to easily fix the compression devices (see accessories).
- Dimensions of the frame: 1300x400xh1500 mm approx.
- Power supply: 230V 1ph 50Hz 750W
- Weight: 400 kg approx.

COMPRESSION / FLEXURAL

Model	Dual range kN	LOAD MEASURING SYSTEM: Cyber-Plus Evolution mod. C109N (pag. 158)	LOAD MEASURING SYSTEM: Servo-Plus Evolution mod. C104N (pag. 158)
E181 N	**300/15**	•	
E183 N	**300/15**		•