

2C PLUS

MANUAL SPRING TESTER



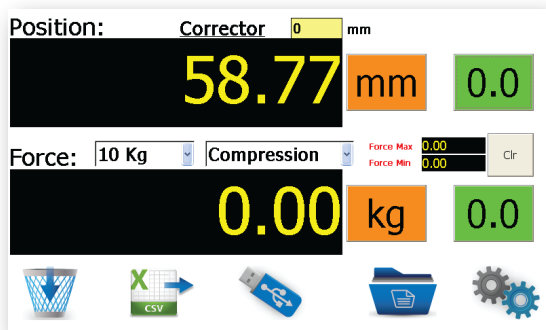
2C Plus, is a manually operated spring tester with two speeds (fast and slow) and with two adjustable stops for performing series of tests. It will be possible to check the force and length of compression and traction springs with the touch-screen panel.

The structure has with a working opening of 300 mm. The instrument is equipped with an incremental optical scale (on request an absolute linear encoder can be fitted) and an electronic load cell for measuring the loads acting on the spring.

The sagging of the load cell is self-compensated and, on request, **up to 2 cells** can be installed.



NEW TECHNOLOGY! 100.000 DIVISIONS!



"New electronics"

The new electronics allow a maximum resolution of up to **100,000 divisions**. The position and force are shown in real time on the broad and luminous touch-screen display. The measuring units can be changed easily and the measurement tolerances are easily set.

Other characteristics of the instrument are:

- 7" touchscreen display
- Possibility of installing an **absolute linear encoder**
- Self-zeroing load cell
- Selectable units of measurement: kg, g, N, lb (load) mm, inch (position)
- Data exported by **USB connection**, easily importable in Excel.

TECHNICAL DATA

CAPACITY	10 - 5000 N
WORKING HEIGHT	300 mm
MINIMUM DIVISION	10 μ m (incremental linear encoder) - 0,1 μ m (absolute linear encoder)
MAX RESOLUTION	up to 100.000 divisions
POWER SUPPLY	230/115 V

