

CENTOR First

Simple force gauge

Simple and yet complete, the CENTOR First uses efficient technology to simplify force measurements, in tension and compression.

A big display shows the force measured in tension or compression in the unit selected by the operator: Newtons, Kilograms or Pounds. The bar graph completes the measurement.

The 4 keys make it very easy to use this force gauge and access the essential functions: measurement of the peak tension or compression value, resetting to zero and changing the measurement units.

It is an ideal for basic tests during production. Its metal casing, protected by an elastomer overmould, gives it exceptional strength. The internal sensor stands up to an overload of 200% of its maximum capacity.

Simple, precise, robust, supplied with its own carrying case, mains adaptor and certificate, ready for use, it is the basic tool for force measurement.



Technical characteristics

- Operates in tension and compression
- Accuracy 0.25% FS
- Resolution: 0.1% FS
- Peak function for tension and compression
- Bar graph
- 3 units available: N, kg, lbs
- Sampling rate 1,000 Hertz
- Tare function
- Auto-off 15 min
- Reversible display
- Sensor protected from overloads up to 200% of its capacity
- Operates on rechargeable batteries
- Low battery indicator
- Memorizes its configuration
- 8 hours of operation without recharging
- Metal casing and protective elastomer overmould
- Threaded fixing holes on the back for use on test stand

Package contents

- Force gauge Centor First
- Carrying case
- Certificate of calibration in tension & compression
- One hook
- One extension rod
- One 0.75 in diameter plate

Models and capacities

Models	Capacities	Accuracy	Resolution
CNR FT 100	0 - 20 lb	0.05 lb	0.02 lb
CNR FT 250	0 - 50 lb	0.12 lb	0.05 lb
CNR FT 500	0 - 100 lb	0.25 lb	0.1 lb

Dimensions in millimeters

