

Force Gauge Simple Centor First

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 meat casing, protected by an elastomer overmould, gives it exceptional strength.

The internal sensor stands up to an overload of 200% of its maximum capacity.

- *Measurement in Traction and Compression,*
- Selectable units in N, Kg and lb
- Steel robust case with hooding of protection in elastomer
- Powerful electronic for an acquisition speed of 1000 Hz.
- 3 models : 0 – 20 lbF, 0 – 50 lbF et 0 – 100lbF,
- Accuracy de 0,25 % Full scale.
- Protection sensor: 200% Full scale,
- Fonctions: Peak (max/min) in traction and compression, bargraph, tare (20%FS)
- 8 hours continuous use thanks to its “automatical stop” system (15min.),
- Charge batteries indication and protection against measurement errors
- Reversible display for use on benches
- Back fixing with threaded holes: M5 for manual and motorised benches
- Supplied with a hook and a compression plate 20mm
- Optional RS232 output available on Centor First XZ

CENTOR «FIRST»,
The measurement of
force
ready to be used!



Reference	Capacity x Resolution		
	lbF	kgF	N
CNR FT 100	20 x 0.01	10 x 0.01	100 x 0.1
CNR FT 250	50 x 0.01	25 x 0.01	250 x 0.1
CNR FT 500	100 x 0.1	50 x 0.01	500 x 0.1