

**Springtest 1**

**Basic tester (manual version)**



*A very simple, economical system for checking compression springs. The measurement head gives the force applied, the displacement sensor shows the flexion or height measured under load.*

*The parallelism of the lower plate can be adjusted to ensure correct seating for the spring.*

Models	Max Capacities	Resolutions	Travel	Diameters
Springtest 1 – 10	0 – 10 N	0.001 N	200 mm	50 mm
Springtest 1 – 25	0 – 25 N	0.002 N	200 mm	50 mm
Springtest 1 – 50	0 – 50 N	0.005 N	200 mm	50 mm
Springtest 1 – 100	0 – 100 N	0.01 N	200 mm	50 mm

*Displacement resolution: 0.01 mm*

The pack includes:

- BAT 750 R
- CNR Easy force gauge (capacities of 10 N, 25 N, 50 N and 100 N available)
- Mitutoyo ruler and fixtures
- Compression plate diameter 50mm (AC PL50)
- Self levelling compression plate (AC PAJ80)

*Technical characteristics of the CENTOR Easy force gauge:*

- Operates in tension and compression
- Accuracy 0.1% FS
- Resolution 1/10000 N
- Peak function for tension and compression
- Simultaneous display of the peak and the current reading
- Bar graph
- 5 units available: N, kg, Lbs, g, Oz
- Sampling rate 1 000 Hertz
- Can be used with an external foot switch
- Tare function
- Auto-off adjustable from 5 to 15 min, can be deactivated
- Programmable set point function
- Two-way RS232 output: transmission of the current reading, minimum or maximum as desired
- Digimatic output
- 8 hours of operation without recharging
- Fast charge
- Reversible display
- Backlit display
- Sensor protected from overloads up to 200% of its capacity
- Operates on rechargeable batteries
- Low battery indicator
- Memorizes its configuration
- Metal casing with protective elastomer overmould
- Threaded fixing holes on the back for use on test stand