CENTOR Easy R
Force Gauge with Extenal Sensor

COM-TEN INDUSTRIES

Force Gauge for your daily measurements up to 50kN

The Force Gauge Centor Easy R is equipped with an external force sensor linked directly to the display. Besides having all the features of the Centor Easy, it also provides additional possibilities: with its external sensor, it can suit a larger force ranges. Also you can integrate its external sensor easily on your process or a tensile compression test bench. The force sensoris not removable or interchangeable.
The Centor Easy R force gauges are designed to meet the production needs of its users. This group offers several features which are indispensable today for Quality Control, for example: ease of reading with its large backlit graphical display, RS232 output, memory of the last 100 values and ability to set thresholds with visual and sound alarms.
Its highly efficient measurement chain enables it to use a sampling rate of 1,000 Hertz with a resolution of 1/10,000 FS

and a total error of less than 0.1% FS. A statistics feature is available on the Centor EASY R models: the average and standard deviation of the current batch are calculated and displayed after each measurement. All the values of the production batch are kept in the memory and can be sent to a computer by RS232. The operator is spared any data entry, knows his results in real time and saves everything at the end of the tests. The entirely configurable RS232 output sends the data to a PC. A digimatic output can be used with a printer for statistics.

Designed for use in an industrial environment,it is an ideal tool for tests during production.

Centor Easy R

Statistics feature with automatic calculation of the avergae and standard deviation on hte 100 values in the memory.

MES / ECH	3
OPER	01
Unite	N
STATS	MXI
Nbech	002
Moy	12.33
001	12.334
001	12.332
001	12.331
002	12.335
002	12.334
002	12.330

Models and Capacities

MODELS	CAPACITY	ACCURACY	RESOLUTIONS
CNR EAR 20	5 lb	0.005 lb	0.0005 lb
CNR EAR 50	10 lb	0.01 lb	0.001 lb
CNR EAR 100	20 lb	0.02 lb	0.002 lb
CNR EAR 200	50 lb	0.05 lb	0.005 lb
CNR EAR 500	100 lb	0.1 lb	0.01 lb
CNR EAR 1000	200 lb	0.2 lb	0.02 lb
CNR EAR 2000	500 lb	0.5 lb	0.05 lb
CNR EAR 5000	1,000 lb	1 lb	0.1 lb
CNR EAR 10000	2,000 lb	2 lb	0.2 lb
CNR EAR 20000	5,000 lb	5 lb	0.5 lb
CNR EAR 50000	10,000 lb	10 lb	1 lb

Specifications

FEATURES	CENTOR EASY R	FONCTIONS	CENTOR EASY R
Accuracy	0.1 % FS	Memory	100 results
Resolution	1/10,000 FS	Reversible display	180°
Vitesse d'acquisition	1,000 Hz	Operates on rechargeable batteries	√
Sensor protected from overloads	200% FS	Operation without recharging	√
Units	N, Lb, Kg, g, Oz	Fast charge	√
Auto-off	Adjustable from 5 to 15 minutes	Low battery indicator	√
Bargraph	√	Metal casing & Protective elastomer	√
Peak in tension and compression	√	Threaded fixing holes on the back	√
Display peak and current reading	√	RS232 output	Send current reading, peak or minimum
Can be used with a pedal	√	Continuous transmissions	50 values per second
Tare	√	Digimatic output	√
Force limit	√	Analogic output	+/- 1V
Average and standard deviation	√	Backlit display	√

CENTOR Easy R
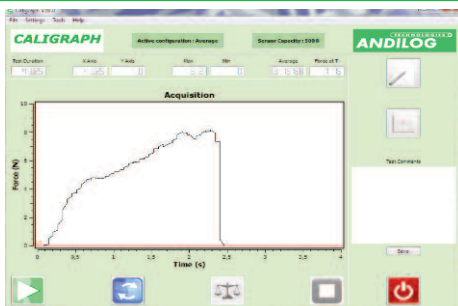# Force Gauge with Extenal Sensor

COM-TEN INDUSTRIES

Operating mode

Force gauge maximum capacity

Secondary display programmable

Measurement direction

Battery indicator

Setting mode

Backlit display command

Tare

Main display programmable

Analog load bar with set point marker

Type of value displayed

Changing type of value displayed
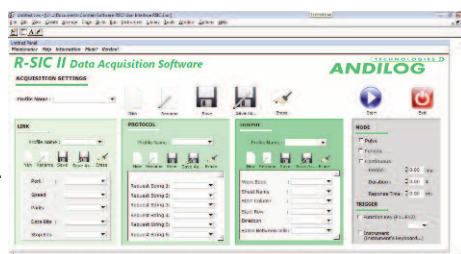
Sending data through RS232

Changing the unit

Options - software

Caligraph software compatible: Data acquisition and analysis of curves with real time graphing through RS232 or USB.

RSIC software compatible : Download your results to Microsoft Excel using your RS232 comport.

Accessories

Our force gauges are delivered in a carrying case with power supply, certificate of calibration and accessories (hook, plate diameter 19mm, rod)