



Torque gauge with Mini sensor



A portable Torque gauge for your daily control

The manual torque gauge **Centor Easy TM** is equipped with a miniature reaction torque sensor with 3/8 square end. It allows you to easily and efficiently perform a wide variety of torque measurements on the field. Thanks to its male square you can adapt it to a large range of samples: screw, nuts, handle... It is ideally suited to perform your small torque measurements.

The torque gauge is designed to answer to the daily requirements of groups production users. It requested by all the technical features request quality control: easy to read thanks to its large backlight screen, RS232 output, memory of the 100 latest values and a programmable noise limit. Thanks to the high-performance of its electronic the sampling rate is optimize to 1000Hz and has a resolution of 1/10000 FS. A statistics feature is available on the Centor EASY: 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 using the RS232. The operator is spared any data entry, knows his results in real time and saves everything at the end of the tests.

Optimized for industrial environment, it is an ideal tool for tests during production.



Statistics

Statistics feature with automatic calculation of the average and standard deviation on 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	RESOLUTION
CNR EA TM-04	0.4 Nm	0.002 Nm	0.04 mNm
CNR EA TM-07	0.7 Nm	0.0035 Nm	0.07 mNm

Specifications

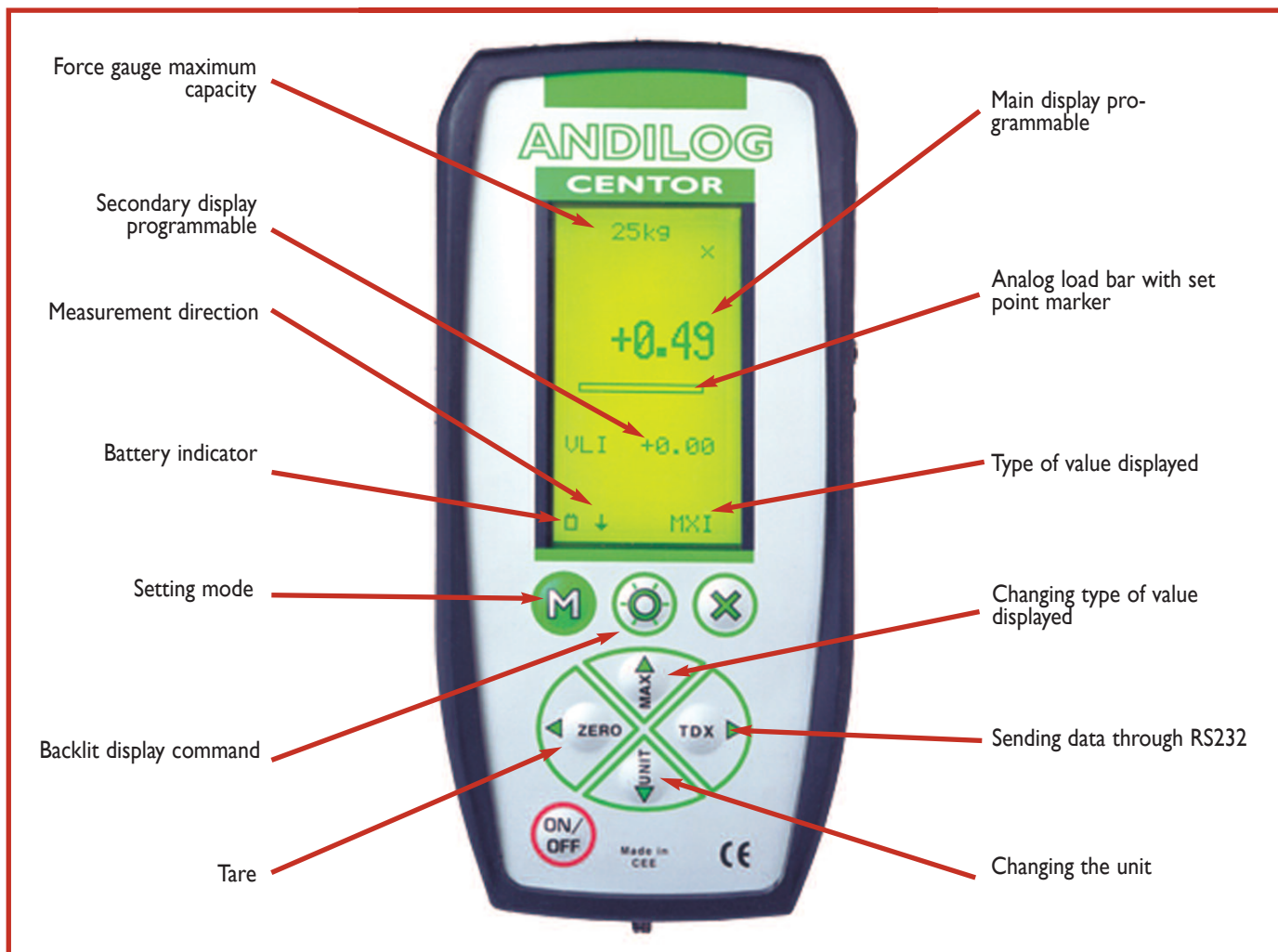
FEATURES	CENTOR EASY TW	FEATURES	CENTOR EASY TW
Accuracy	0,5 % FS	Internal memory	100 results
Resolution	1/10,000 FS	Reversible display	180°
Data acquisition rate	1,000 Hz	Operates on rechargeable batteries	✓
Overload protection	200% FS	8 hours of operation without recharging	✓
Units	Nm, kgcm, mNm, lbin	Fast charge	✓
Auto-off	Adjustable from 5 to 15 min	Low battery indicator	✓
Bargraph	✓	Metal casing and protective overmould	✓
Clockwise and counterclockwise peak	✓	RS232 output	Current value, min or max
Simultaneous display of peak and current reading	✓	Data rate	50 values per second
Use of a Foot pedal	✓	Digimatic output	✓
Tare function	✓	Analogic output	+/- 1V
Programable set point	✓	Backlit display	✓
Statistics	✓		

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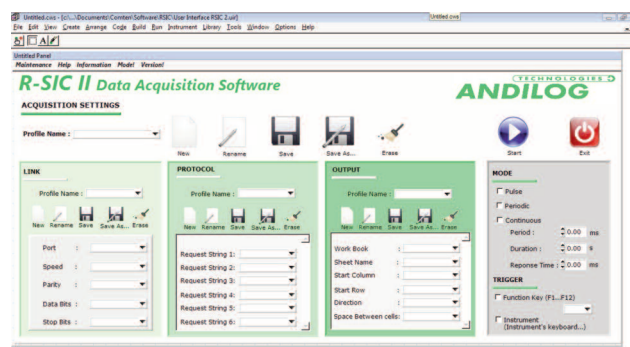
Operating mode



Options - software



Compatible with CALIGRAPH software: curve acquisition and reporting software for computer. Connects your Centor to CALIGRAPH to achieve in real time the acquisition of your measurements and allow recording of your values on your computer.



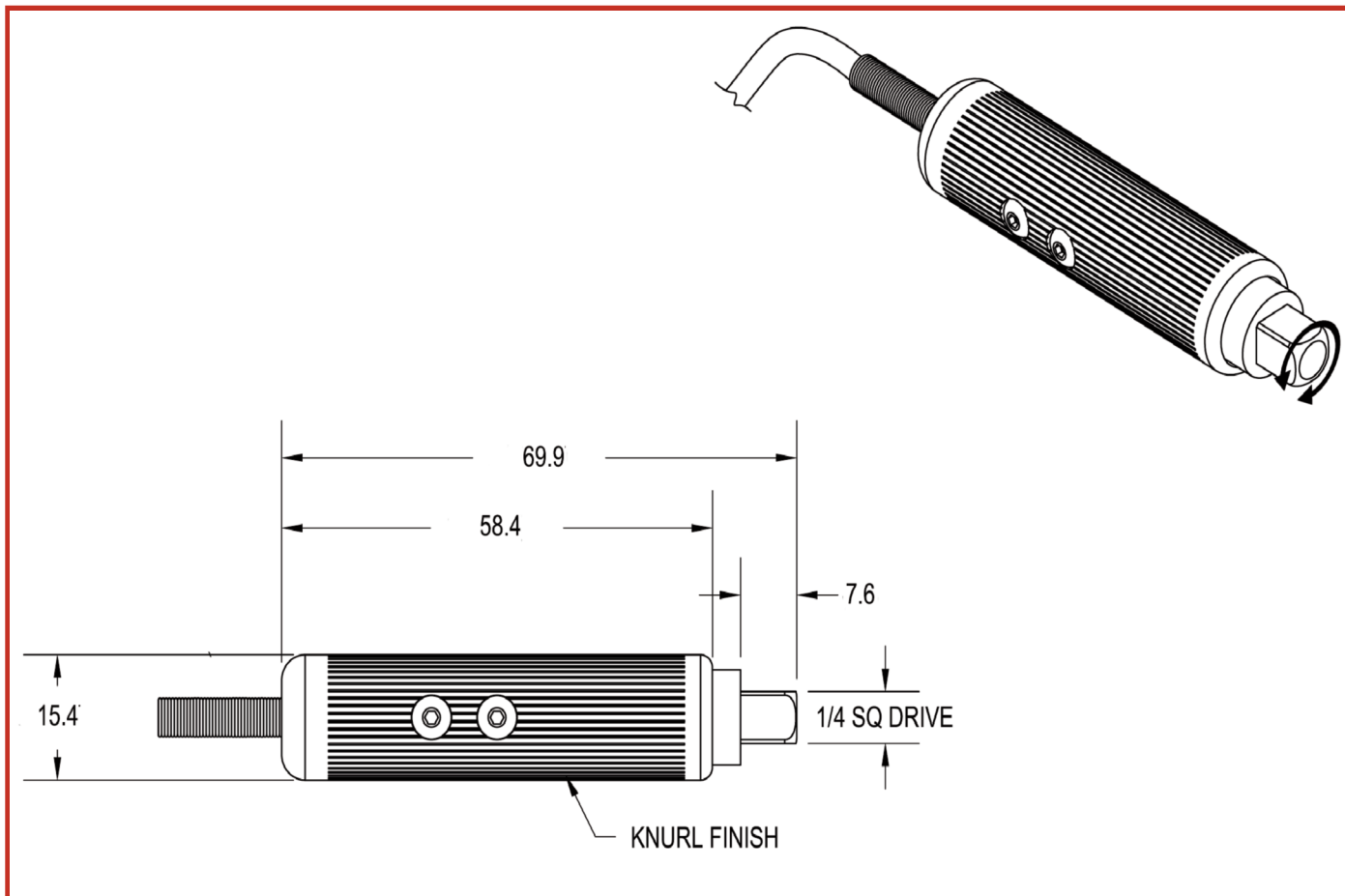
Compatible with RSIC software: saves your data on an Excel sheet directly through RS232. Allow real time communication as well as unloading the calculation values recorded in the Centor.



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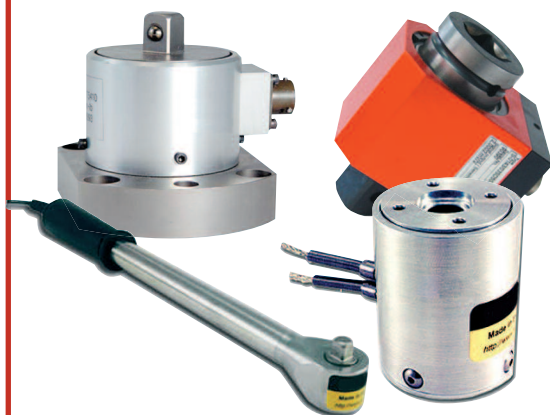
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Dimensions

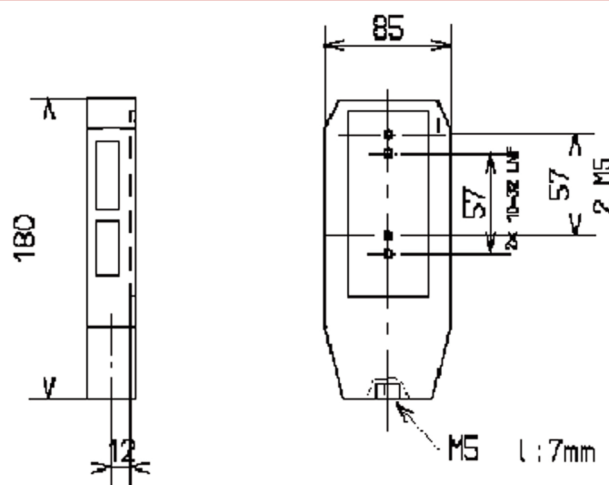


Options - sensors

In option, we have a large variety of sensors in order to comply with your dimensions and applications. Feel free to contact us.



Housing dimensions



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ISO 9001:2008 certified

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