



Centor Easy R II

Force gauge with external sensor

New generation with memory and USB output

The Centor Easy R II is Andilog's new benchmark force gauge. Accurate, complete and intuitive, it addresses the main issues encountered in force measurement in the industry.

This force gauge is equipped with a strain gauge load cell. It features a luminous backlit color display for easy reading in all environmental conditions. It simultaneously displays the current value as well as the peak in tension and compression.

The Centor Easy II can be connected to a computer via USB to retrieve values from memory or plot the force vs. time curve. It can also be connected to a PLC via TTL I/O for taring or triggering a force threshold alert.





Easy integration into mechanical systems

The Centor Easy R is equipped with a high-precision, low-deformation S-sensor as standard and is suitable for all types of mechanical mounting. Its two female threads allow the force sensor to be easily mounted on a frame or integrated into an automatic measuring system in a production line. Moreover, thanks to its digital inputs and outputs, it can easily communicate with a PLC.






In the case of special mechanical assemblies or if space is very limited, it is possible to use other types of force sensors (male thread, miniature sensor, pedal etc) to replace the S-sensor. And if you want to have several sensors with this dynamometer (force or torque), you can connect any sensor equipped with SPIP technology, it is automatically recognized by the display.

Here is an overview of the standard sensors offered by Andilog. For more detailed information, visit our website:

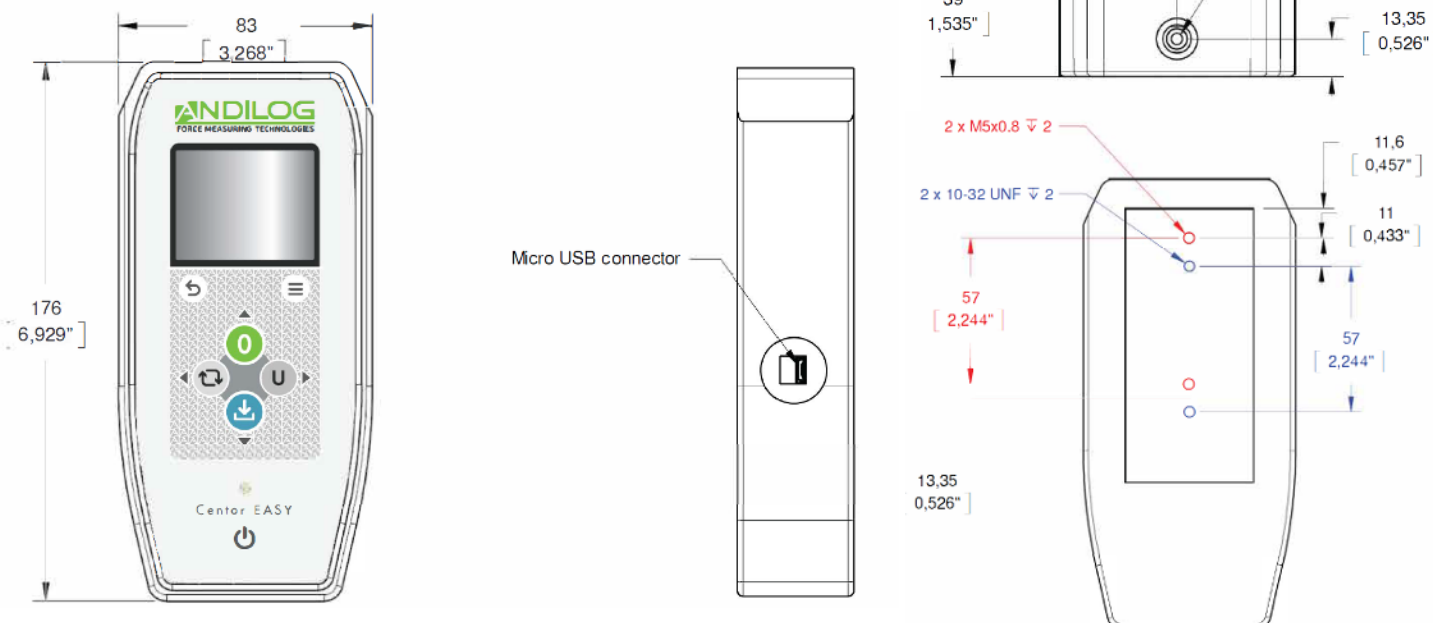
Ref.	Capacity	Accuracy	Resolution	Height	Width	Length	Thread
	N / LBS	% FS	FS	MM / IN	MM / IN	MM / IN	
SPIP S2	10-1000 / 2-20	0,1	1/10,000	60 / 2.36	25.4 / 0.98	80 / 3.15	M8
SPIP S9	1-50000 / 200-10,000	0,1	1/10,000	62 x 87 x 100 / 2.44 x 3.42 x 3.93	24 x 31 x 36 / 0.94 x 1.22 x 1.42	50 x 57 x 69 / 1.97 x 2.24 x 2.72	M8, 12 or M24 x 2
Ref.	Capacity	Accuracy	Resolution	Height	Diameter	Thread	
SPIP LLB 130	20-200 / 5-50	0,5	1/10,000	3,30 / 0.13	9,53 / 0.35	/	
SPIP U9C	50-50000 / 100-10,000	0,5	1/10,000	44-84 / 1.73-3.30	26-46 / 1.02-1.81	M5 / M10 / M16	



Technical Specification

FUNCTIONS	CENTOR EASY R II
Accuracy	0,1 % FS
Resolution	1 / 10,000
Speed rate	2,000 Hz 
Sensor protected against overloads up to	200 % FS
Units	N, daN, Lb, Kg, g, kN
Auto-off	0 - 60 minutes
Bargraph	Yes
Peak in tension or compression	Yes
Tare	Yes
Display	3-line backlit colour TFT 
Data acquisition	USB - Up to 1,000 Hz 
I/O TTL	2 inputs /2 Outputs - 5V
Threshold	2 adjustable thresholds with audible and visual warnings
Memory	500 results 
Operates on rechargeable batteries	15 operating hours without recharge 
Metal casing with an elastomer shell,	Fixing on the back for use on a stand
Weight	520 g
Power supply	Micro USB 5V - 1A

Dimensions of the device



Contents :

Centor Easy R II force gauge delivered in a carrying case with power supply
Certificate of calibration with measurement data in both directions included.

Centor Easy R II



ISO 9001:2015 Certified

Certificate #A529

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