



GYROTORK TW

Torque and angle torque wrench

Andilog enables more efficient screwing torque measurements for the industry with the new torque gauge GyroTork. Combining an high linearity strain gauge torque sensor with a powerful in-line gyroscope, this gauge can now perform torque and angle measurements on bolts, screws, connectors... Connected to the display Centor Touch, the GyroTork displays in real time the graph of the torque versus angle in its color touch screen.

The GyroTork is able to automatically calculate the torque specification of your tightening application: torque break, torque at angle, angle at torque, torque at break torque, peak torque. Results can be stored in the internal memory of the equipment, and to an USB data recorder or forwarded to a computer.

The large color screen of the GyroTork brings the benefits of an intuitive interface and allows to quickly and easily configuring the device. The user can visualize in real time how the test is conducting thanks to the live graphing feature.

This torque gauge offers unique features to collect analyze and store results all along your products life. Indeed, the Gyrotork suits the needs of mechanical engineers as well as quality control, product validation or metrology with precise control.



Models et capacities

PART NUMBER	CAPACITY	ACCURACY	RESOLUTION
GYROTORK TW 15	15 Nm (120 lbin)	0.075 Nm (0.6 lbin)	1,5 mNm (0.012 lbin)
GYROTORK TW 60	60 Nm (500 lbin)	0.3 Nm (2.5 lbin)	6 mNm (0.05 lbin)
GYROTORK TW 150	150 Nm (1,200 lbin)	0.75 Nm (6 lbin)	15 mNm (0.12 lbin)

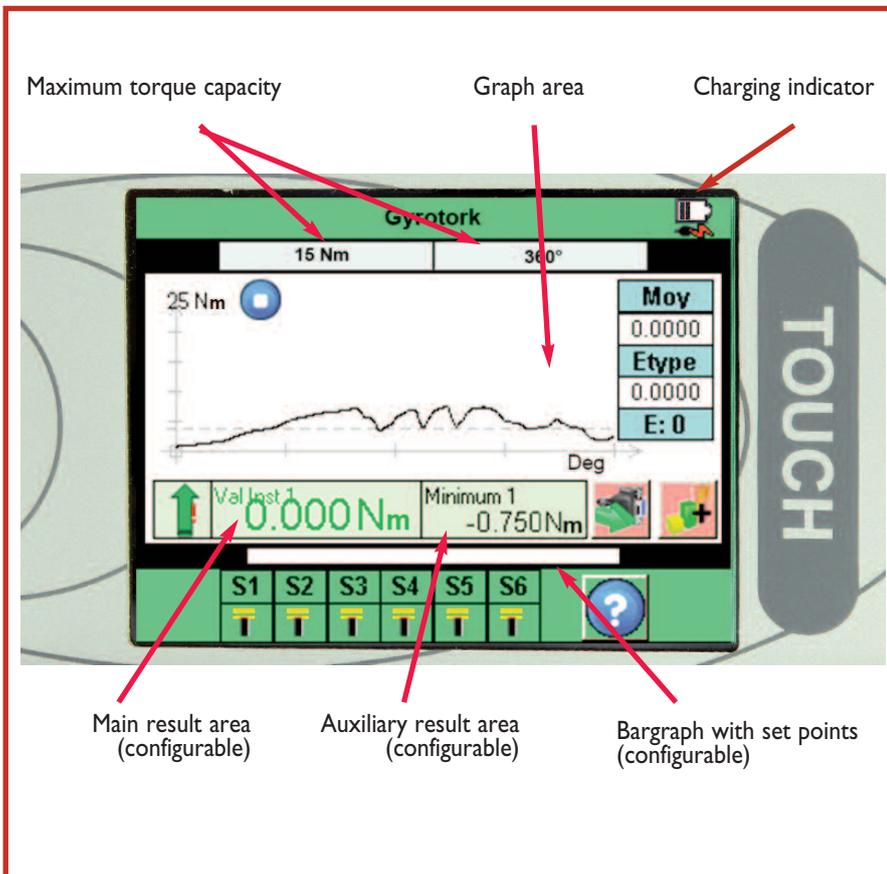
Specifications

FEATURES	GYROTORK TW	FEATURES	GYROTORK TW
Torque accuracy	0,5 % FS	Memory	2 000 results, 1 curve
Torque resolution	1/10 000 FS	Reversible display	90° and 180°
Data acquisition rate	1 000 Hz	Operate on rechargeable batteries	√
Overload protection	200% FS	8 hours of operations without charging	√
Torque units	Nm, mNm, lbin, lbft, inoz	Fast charge	√
Angle accuracy	2%	Low battery indicator	√
Angle units	deg, rad, Tr	Metal casing and protective overmould	√
Auto-off	Adjustable	Computer output	√
Bargraph	√	Data rate RS232	USB, RS232
Peak	√	Data rate USB	100 values /s
Display with 2 lines	√	Carrying case	1000 values /s (adjustable)
Torque / Angle curve	√	Bluetooth	√
Programmable setpoints	√	USB memory stick	Optional
Statistics	√		



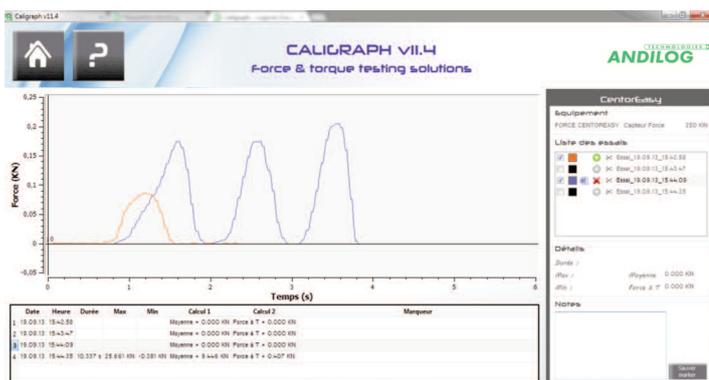
Display

Usability



The Gyrotork TW has simple and user-friendly menus, thanks to its large color screen. The setting of the force gauge and the test configurations are done using the touch screen: keyboard, down menu, icons

Softwares



Caligraph :

Connects in continuous mode your gauge to your computer through the data acquisition software Caligraph (via USB or RS232 port). Included with the GyroTork package, the Caligraph software allows you to analyze your measurements and edit your control reports.

A complete solution for an optimized tractability analysis.

Datastick : (Optional)

For measurement on the field, the DATASTICK is the most efficient USB data recorder. It extends the memory of the GyroTork device and allows to save test results and all your test curves in just one click.

No need of a computer to easily records all your measurements on the USB data recorder Datastick. You can even recover and replay the test by connecting the Datastick with the Caligraph software.





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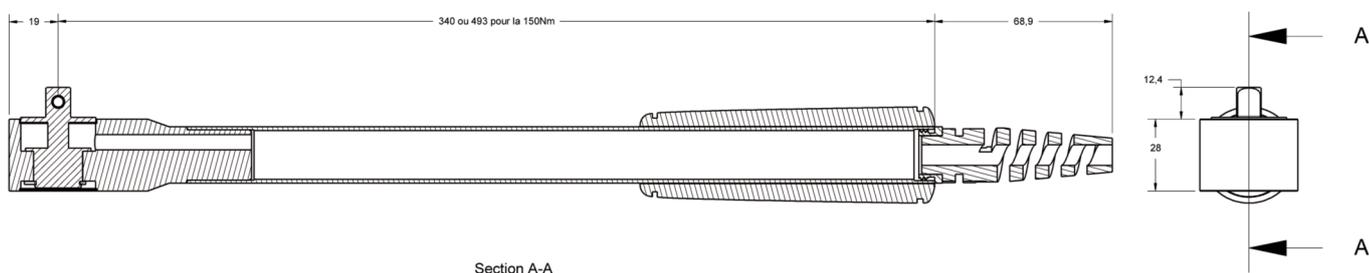


Content

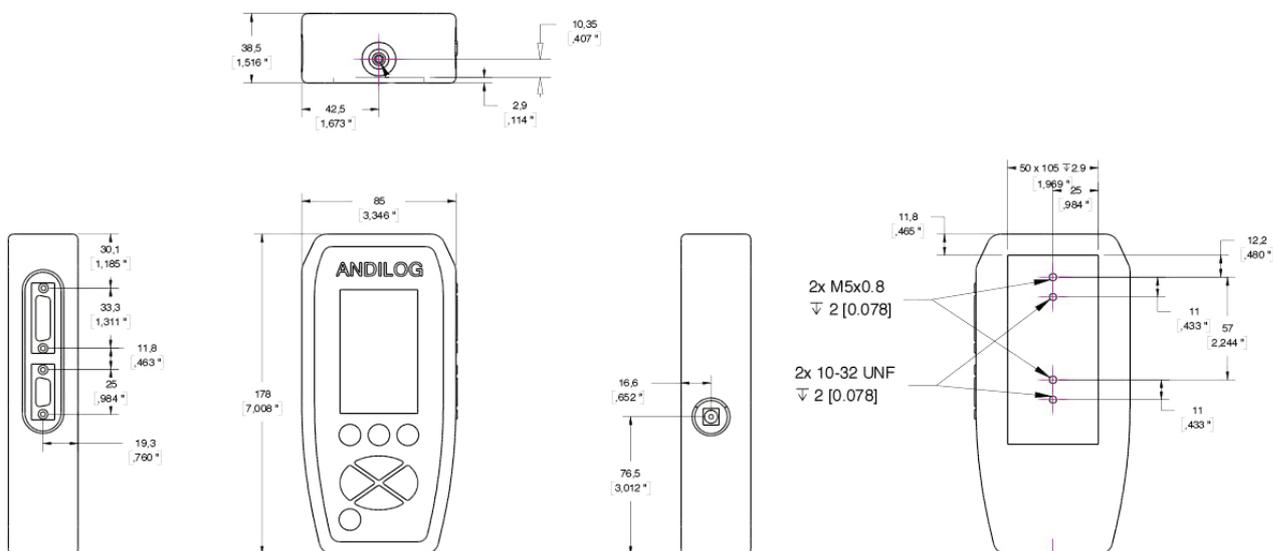
- Gyrotork TW 15, 60 or 150Nm
- Power supply 110V / 220V
- Torque certificate of calibration
- Carrying case

- USB cable
- Caligraph software
- Operating manual

Sensor dimensions



Gauge dimensions



HEADQUARTER

USA



ISO 9001:2008 certified

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