EZ-TORQ III TORQUE ANALYZER

An easy-to-use torque verification tool providing torque control at your fingertips.

For quality-minded assembly professionals that are wanting to ensure their small hand and non-impacting power torque tools are accurate every time they are on the floor, meet the next generation of torque validation; the EZ-TorQ III.

Highly portable and user friendly, this battery powered torque validation hub can be easily carried around the assembly line to spot-check tools as part of a QA program or used at assembly stations for quick and easy torque tool validation and calibration. The new smart phone like touch-screen interface breaks down barriers and ensures quick and easy validation of different ranges as needed.

In the manufacturing and assembly world, tightening, controlling, or measuring torque fasteners is imperative for production efficiency. An inadequately torqued fastener can vibrate or work loose; conversely, if the tension is too high, the fastener can snap or strip its threads. Faced with these problems, manufacturers are realizing that precise torque control can spell the difference between a safe, reliable, and economical product and complete disaster. Providing an easy to implement torque verification solution like the EZ-TorQ III can assist in this key QC endeavor.

Using a quality torque analyzer has become increasingly important for many companies to ensure that proper torque is being applied. Testing torque is a science and not something that can be left to chance.

The EZ-TorQ III makes torque control easier and more available across every aspect of the line from the calibration lab to the assembly station.

CALRIGHT INSTRUMENTS

The Right Source For Your Test & Measurement Needs

8715 Mesa Point Terrace San Diego, CA 92154
Toll Free: 1.866.363.6634 Tel: 1.619.429.4545 Fax: 1.619.374.7012
Email: sales@calright.com http://www.calright.com

Product Overview

FEATURE	ADVANTAGE	END USER BENEFIT
Supplied with a free ISO 17025 Certification of Calibration	• Calibration certificate provided by an ISO 9001 certified and ISO 17025 accredited company	• Traceability compliance to International Standards • Quality per the highest standards • Peace of mind • Cost Savings of $384.00
Seven units of torque measurement: ozf. in, lbf.in, lbf.ft, cN.m, N.m, kgf.m, kgf.cm	• Multiple options to choose from	• Any global region will have the desired units of measurement
Torque capacity ranges from 1–300 lbf.in.	• Increased range over EZ-TorQ II, with the ability to calibrate and test a wider range of tools	• Adaptability to the customer to cover a larger range with precision and accuracy
Mountz EZ-TorQ III Data Streamer (Microsoft Office 365 based interface software)	• Capture torque readings • Ability to download readings • Flexibility and ease of use • Interacts with Windows Excel	• Ability to analyze data and calculate statistical data • Creates a historical record of your torque readings • Documentation solution
Data download and memory	• Multiple data transfer options • Compatible with 8 GB SD Memory Card • Real time data acquisition via mini USB	• Built-in data storage • Download data to external devices • SD card is removable & portable • Easy to store and transfer data
Safety and quality standards: RoHS, CE, ISO 17025	• Compliance with international standards	• Global safety recognition • Peace of mind
Multi language operation	• Selectable language options to choose English, Spanish, French, German, Chinese or Portuguese	• Globally accepted • Operator uses the language most comfortable with
Digital color touch screen display	• Latest technology • Vibrant colors to process information. • Easy to view color indicators for tolerance settings	• Enhance user experience
SPC on screen	• View data in real time	• Min, Max, STD DEV, Cm and CmK calculation on screen • GO/NG data • Data is easily accessible
Intuitive user interface	• Data displayed on color screen • Digital color indicator for target torque and tolerance settings • Display operational in two viewing options • Data history option displays last 10 test results • Graphing feature allows you to set a target zone and view torque-up curve	• Innovative (first in class UX/UI) experience • Easy to follow menu and user interface save set up and training time • Enhanced visual display • Easy and quick to set-up
Long life battery	• Rechargeable lithium-ion battery with capacity up to 11 hrs of operation	• Operates longer between battery charges
Portability	• Compact and small size	• Can be used in production floor or in calibration lab • Test small hand screwdrivers, torque wrenches and non-impacting power tools

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EZ-TorQ III product specifications

- Accuracy ± 0.5% of reading from 20% to 100% of full scale, accuracy ± 1% of reading from 10% to 20% of full scale

- Torque Tester is recommended for hand screwdrivers, most wrenches and power tools (not for use in testing Impact or Pulse type tools.)

- Selection of three operation modes: (Track, Peak and First Peak)

MODEL	ITEM NO.	TORQUE RANGES			DRIVE SIZE	WEIGHT
		LBF.IN	CN.M	KGF.CM		
EZ-TorQ III 10i	070810	1–10	11.3–113	1.2–11.5	17mm Female/Hex	3.3 lbs.
EZ-TorQ III 50i	070811	5–50	56.5–565	5.8–57.6	17mm Female/Hex	3.3 lbs.
EZ-TorQ III 100i	070812	10–100	113–1130	11.5–115	17mm Female/Hex	3.3 lbs.
EZ-TorQ III 150i	070813	15–150	169.5–1695	17.3–173	17mm Female/Hex	3.3 lbs.
EZ-TorQ III 300i	070814	30–300	339–3390	34.5–345	17mm Female/Hex	3.3 lbs.

Note: Each model includes a case, universal charger, 1/4" female/hex square drive adapter and two screw run down adapters.

Screw run adapters

Two screw run down adapters are supplied with each EZ-TorQ III unit for testing power tools.

MODEL					
EZ-TorQ III	10i	50i	100i	150i	300i
Screw RDA	M2 M3	M3 M4	M4 M6	M4 M8	M8 M12

MODEL	ITEM NO.	SIZE
Screw RDA–M2	070820	Allen Hex 1.5mm
Screw RD–M3	070821	Allen Hex 2.5mm
Screw RDA–M4	070822	Allen Hex 3mm
Screw RDA–M6	070823	Allen Hex 5mm
Screw RDA–M8	070824	Allen Hex 6mm
Screw RDA–M12	070825	Allen Hex 10mm
EZ-TorQ III Screw RDA Kit	070826	

Note: Screw RDA Kit includes each size M2 through M12.