

EZ-TorQ

Torque Analyzer

Torque
Analyzers

KEY FEATURES

Accuracy \pm 0.5% of reading from 20% to 100% of full scale.
Accuracy \pm 1% of reading from 10% to 20% of full scale.

Recommended for small hand tools and non-impacting power tools.

Features a built-in transducer and graphic display.

Selection of two operating modes: Track and Peak.

Four units of torque measurement available:
lbf.in, cN.m, N.m, kgf.cm.

Switchable 110V and 220V.

Four-digit display.

Torque Analyzer operational in English, Spanish, French, German, Italian, and Chinese.

Selectable filters to eliminate unwanted "noise":
500Hz, 1000Hz, 1500Hz, 3000Hz.

RS-232 interface to download readings in "real time".

"Flash" memory allows upgrades to be done by the user or via the Internet.

Includes three PC Windows based software programs:
EZ Terminal - for updating firmware, selecting torque direction and changing languages
EZ Calibration - for multipoint calibrations
Data Acquisition - collecting and analyzing data with Microsoft Excel®

Includes a Spring Run Down Adapter.

Includes a Case, RS-232 cable, Universal Charger, and 1/4" Female/Hex Square Drive Adapter.

Two methods of calibration: a single point calibration (using a manual pot adjustment), and a multipoint calibration using EZ Calibration software.

Dimensions: (L x W x H) 7 1/4" x 4 1/3" x 2"



Model	Item #	Torque Ranges			Drive Size	Weight
		lbf.in	cN.m	kgf.cm		
EZ-TorQ 10i	070500	1 - 10	11.3 - 113	1.2 - 11.5	17mm Female/Hex*	4.5 lbs.
EZ-TorQ 50i	070505	5 - 50	56.5 - 565	5.8 - 57.6	17mm Female/Hex*	4.5 lbs.
EZ-TorQ 100i	070510	10 - 100	113 - 1130	11.5 - 115	17mm Female/Hex*	4.5 lbs.
EZ-TorQ 150i	070515	15 - 150	169.5 - 1695	17.3 - 173	17mm Female/Hex*	4.5 lbs.

* This unit includes a 1/4" Female/Hex Square Drive Adapter that slides into the socket. Also, a Spring Run Down Adapter for dynamic power tools.



NOTE!

Since a tester cannot always duplicate actual joint characteristics, the torque reading displayed on the EZ-TorQ may vary from the actual torque that a tool will apply to a joint. A run down adapter that simulates a variety of different joint characteristics is provided with the EZ-TorQ. When critical assemblies are involved, the torque output of the power tool being used should be verified on the actual assembly using a calibrated measuring torque tool.



CERTIFIED

Supplied with NIST-Traceable Certification of Calibration

RoHS CE

ACCESSORIES

SCREW RUN DOWN ADAPTERS

Item #	Model	American	Metric	Quantity
600728-1*	RDA	2 - 56	M2x.4	5
600728-2*	RDA	4 - 40	M3x.5	5
600728-3*	RDA	6 - 32	M4x.7	5
600728-4*	RDA	8 - 32	M5x.8	5
600734-18*	RDA	5/16 - 18	-	5
600734-20*	RDA	1/4 - 20	-	5

* Hardware Kit # 1 for these RDA units (includes Washer and Screws), Item # 061237.

See EZ-TorQ manual for a list of items that are included in the Hardware Kit.



SPRING RUN DOWN ADAPTERS

Provides consistent and reliable torque readings for use with power driven torque control tools.

See Page 01.20



CALIBRATION TEST EQUIPMENT

Calibrated Dead Weight and length are the official means by which Analyzers are traced to NIST, ISO etc.

See Page 01.18

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ISO 9001 and ISO 17025 Company

EZ-TorQ
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