

# 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 screw type Run Down Adapters and a selection of both American and Metric screws along with washers to allow close simulation of actual joints.

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"



### 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



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.

\* This unit includes a 1/4" Female/Hex Square Drive Adapter that slides into the socket.



### 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.



### 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 01.19



### ACCESSORIES

Item #	Description
770055	Charger
708003	Battery Pack
14-501830	Brush Cap
773855	RS-232 Cable
600727	1/4" Female/Hex Square Drive Adapter (17mm F/Hex)
600729	Case (Pictured Above)