

# EZ-TorQ

## Torque Analyzer

### 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



TORQUE  
ANALYZERS

| 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)                             |