

TORQUELAB[®] LTT-SERIES TORQUE ANALYZERS

- Torque Analyzer for testing and calibrating hand screwdrivers, wrenches and power tools
- Provides EZ-Plug & Play with Mountz torque sensors. Features ARCII technology, an instant auto-recognition system of the sensor connected to the LTT
- Features a built-in transducer and can connect to an external torque sensor
- Selection of six operation modes: (Track, Peak, First Peak, Audit, Spindle Audit and Torque + Angle)
- Seven units of torque measurements: (ozf.in, lbf.in, lbf.ft, cN.m, N.m, kgf.m, kgf.cm). Two units of force measurements: (lbf and kN)
- Real-time clock for time stamping of readings. Stores a total of 5000 data points USB interface to download readings to PC
- Features built-in tool tests operation. Real-time graph of torque vs. time using associated PC Windows software
- Features Go / No Go LEDs that illuminate when the high or low setting is achieved
- Run Down Adapter is included with LTT. Use the RDA when testing and calibrating power tools
- High capacity Li-Ion batteries for long life (30 hrs with standard torque sensors and 16 hrs with brushless rotary sensors)
- Torque and Angle data is displayed simultaneously when used with Torque and Angle sensors, up to 8000 RPM for angle measurement
- Supplied with a Free ISO 17025 Certification of Calibration
- Three PC Windows based software programs:
Mountz Torque Meter Interface Program for sensor calibrations, meter calibration and tool tests.
Torque Meter Bootloader for updating the LTT operating systems.
Excel Add-In for Real-Time data collection into an Excel spreadsheet. It provides statistics calculation
- Accuracy $\pm 0.5\%$ of reading from 20% to 100%
 Accuracy $\pm 1\%$ of reading from 10% to 20%



Torque Ranges

Models	Item #	American	S.I.	Drive Size
LTT10i	068400	1 - 10 lbf.in	11.3 - 113 cN.m	1/4" F/Sq
LTT25i	068401	2.5 - 25 lbf.in	28.25 - 282.5 cN.m	1/4" F/Sq
LTT50i	068402	5 - 50 lbf.in	56.5 - 565 cN.m	1/4" F/Sq
LTT100i	068403	10 - 100 lbf.in	113 - 1130 cN.m	1/4" F/Sq
LTT250i	068404	25 - 250 lbf.in	282.5 - 2825 cN.m	1/4" F/Sq
LTT50F	068405	5 - 50 lbf.ft	6.8 - 67.8 N.m	3/8" F/Sq
LTT100F	068406	10 - 100 lbf.ft	13.56 - 135.6 N.m	1/2" F/Sq
LTT250F	068407	25 - 250 lbf.ft	33.9 - 339 N.m	1/2" F/Sq

Related Products



Cable Chart

For connecting the LTT to Mountz torque sensors

Torque Sensor	Item #
RTSX-A	072000
All BLRTSX models	072001
BMX	072002
MTX	072003
SDX	072004
RTSX	072005

Replacement Parts

Description	Item #
Universal Charger (100-240VAC)	770303
USB Cable	770319
Battery Pack	072506

Multiplexer Item # 072998



Connects 1-4 sensors to the Torque Analyzer and switches between the sensors manually or automatically. It eliminates the need to plug and unplug sensors.

When the LTT is connected to the Multiplexer, it reviews the Multiplexer (Mux) to determine what sensors are connected. It downloads the identity and calibration data for each of the attached sensors.

Bar Code Reader Item # 072997



Designed to scan Bar Codes on tools and start Tool Tests automatically.

Reduces operational time for users with a large number of Tool Tests stored in the analyzer. The LTT is designed to work with this bar code reader.

Mounting Brackets Item # 072606

For all LTT models



Item # 072608

For all LTT10i - 50F models

Calibration Hex Adapters

The hex adapter makes it easy and convenient to test a standard range of open-ended wrenches. reader.

