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✕
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TorqueLab® LTT-Series Torque Analyzer

The torque analyzer is designed for calibrating tools, joint testing, auditing and measuring torque. Torque tools go out of calibration with use. To maintain consistent accuracy, torque tools must be checked periodically for wear or defective parts. A power or hand torque tool is a measuring tool that must be properly calibrated and maintained. The LTT-Series is an advanced torque testing and documentation solution. Using a quality torque tester makes a safer world through accuracy and precision. Controlling torque is essential for companies to ensure their product's quality, safety and reliability isn't compromised.



CHOOSE THE MODEL BELOW FOR PURCHASING DETAILS

Model

Item Name / Number

American

S.I.

Metric

Drive Size

Model: LTT10i

Item Name / Number: 068400

American: 1 - 10 lbf.in

S.I.: 11.3 - 113 cN.m

Metric: 1.2 - 11.5 kgf.cm

Drive Size: 1/4" F/Sq

VIEW / BUY (/LTT10i-Torque-Analyzer_2)

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Model: LTT25i

Item Name / Number: 068401

American: 2.5 - 25 lbf.in

S.I.: 28.25 - 282.5 cN.m

Metric: 2.9 - 28.8 kgf.cm

Drive Size: 1/4" F/Sq

VIEW / BUY (/LTT25i-Torque-Analyzer_2)

Model: LTT50i

Item Name / Number: 068402

American: 5 - 50 lbf.in

S.I.: 56.5 - 565 cN.m

Metric: 5.5 - 57.6 kgf.cm

Drive Size: 1/4" F/Sq

VIEW / BUY (/LTT50i-Torque-Analyzer_2)

Model: LTT100i

Item Name / Number: 068403

American: 10 - 100 lbf.in

S.I.: 113 - 1130 cN.m

Metric: 11.5 - 115 kgf.cm

Drive Size: 1/4" F/Sq

VIEW / BUY (/LTT100i-Torque-Analyzer_2)



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Model: LTT250i

Item Name / Number: 068404

American: 25 - 250 lbf.in

S.I.: 282.5 - 2825 cN.m

Metric: 28.8 - 288 kgf.cm

Drive Size: 1/4" F/Sq

VIEW / BUY (/LTT250i-Torque-Analyzer_2)

Model: LTT50F

Item Name / Number: 068405

American: 5 - 50 lbf.ft

S.I.: 6.8 - 67.8 N.m

Metric: 0.7 - 6.9 kgf.m

Drive Size: 3/8" F/Sq

VIEW / BUY (/LTT50F-Torque-Analyzer_2)

Model: LTT100F

Item Name / Number: 068406

American: 10 - 100 lbf.ft

S.I.: 13.56 - 135.6 N.m

Metric: 1.4 - 13.8 kgf.m

Drive Size: 1/2" F/Sq

VIEW / BUY (/LTT100F-Torque-Analyzer_2)



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Tools Benefits



- Recommended for all hand screwdrivers, wrenches or 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)
- Features built-in tool tests operation
- Stores a total of 5000 data points
- Real time clock for time stamping of readings. USB interface to download readings to PC
- Real time graph of torque vs. time using associated PC Windows software
- Features Go / No Go LEDs that illuminate when high or low setting is achieved
- Easy-to-use menu structure, a six-digit display and connect to an external torque sensor
- High capacity Li-Ion batteries for long life (30 hrs with standard torque sensors and 16 hrs with brushless rotary sensors)
- Can connect to most mv/v torque sensors and can store calibration data for up to 50 non smart torque & force sensors
- The 5VDC capability allows unit to be used with a Brushless Rotary torque sensor for testing pulse tools and high RPM tools
- Torque and Angle data is displayed simultaneously when used with Torque and Angle sensors, up to 8000 RPM for angle measurement
- Display Accuracy is better than +/- 0.0625 of reading
- Five low-pass filter selections (3000, 2000, 1500, 500 and 200 Hz)
- "Flash" memory allows upgrades to be done by the user through the USB port

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

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Product Resources



Torque Sensors

- BMX (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-BMX>)
- MTX (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-MTX>)
- SDX (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-SDX>)
- RTSX (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-RTSX>) and RTSX-A (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-RTSX-A>)
- BLRTSX (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-BLRTSX>) and BLRTSX-A (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Sensors/Torque-Sensors-BLRTSX-A>)

Cables for connecting Torque Sensors to LTT

- BMX (<https://www.mountztorque.com/Cable-BMX-to-PTT-and-LTT>)
- MTX (<https://www.mountztorque.com/Cable-MTX-to-PTT-and-LTT>)
- SDX (<https://www.mountztorque.com/Cable-SDX-to-PTT-LTT>)
- RTSX (<https://www.mountztorque.com/Cable-RTSX-to-PTT-and-LTT>) and RTSX-A (<https://www.mountztorque.com/Cable-RTSX-A-to-PTT-and-LTT>)
- All BLRTSX (<https://www.mountztorque.com/Cable-BLRTSX-to-PTT-and-LTT>) models

Accessories

- Multiplexer (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Analyzer-and-Sensor-Accessories/Sensor-Accessories-Multiplexer>)
- Bar Code Reader (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Analyzer-and-Sensor-Accessories/Sensor-Accessories-Bar-Code-Reader>)
- Calibration Hex Step Adapters (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Calibration-Equipment/Calibration-Equipment-Hex-Step-Adapters>) and Run Down Adapters (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Run-Down-Adapters/Run-Down-Adapters>)
- Mounting Brackets (<https://www.mountztorque.com/Product-Type/Torque-Analyzers-and-Sensors/Torque-Analyzer-and-Sensor-Accessories/Sensor-Accessories-Mounting-Brackets>)

Replacement Parts

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- Universal Charger (<https://www.mountztorque.com/Charger-for-PTT-LTT-EZ-TORQ-II>) (100-240 VAC) and USB Cable (<https://www.mountztorque.com/Cable-USB-Type-A-to-Type-B-Male-to-Male-6-feet>)
- Battery Pack (<https://www.mountztorque.com/Battery-Pack-for-PTT-and-LTT>)



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[Accessories \(/Product-Type/Accessor](/Product-Type/Accessories)

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[Technical Support Request \(https://www.mountztorque.com/reach-us-now?f=technicalsupport\)](https://www.mountztorque.com/reach-us-now?f=technicalsupport)

SERVICE & SUPPORT

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[Wrench Adapter Calculator \(/calculations-for-torque-wrench-extension\)](#)

[Calibration and Repairs \(/torque-calibration-and-repairs\)](#)

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M-F 6am - 5pm PST

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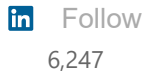
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