

FAQ FOR TORQUELAB® LTT-SERIES TORQUE ANALYZERS

Q1. What type of tools does the LTT torque analyzer test and measure torque?

A1. It calibrates and measures the torque for hand screwdrivers, torque wrenches, and power tools.

Q2. Does it matter what LTT model I use when testing or calibrating a torque tool?



A2. Ensure the torque tool being tested is within the torque range of the LTT model. If the tool is below the minimum torque range capacity of the LTT model, then the accuracy may not be reliable. If the tool exceeds the maximum torque range capacity of the LTT model, you may over torque the LTT and damage the sensor. Exceeding the toque capacity and damaging the sensor is not covered under warranty.

Q3. Can an external torque sensor be connected to the LTT?

A3. Yes, one external torque sensor can be connected to the LTT. You must select the proper cable connecting the sensor to the torque analyzer.

Q4. Is a torque sensor supplied with a cable for connecting to a torque analyzer?

A4. No, it is not supplied with a cable. It is purchased separately. You must select and purchase the appropriate cable connecting to the torque analyzer.

Q5. Can more than one external torque sensor can be connected to the LTT?

A5. Yes, by adding the Multiplexer accessory, up to 4 external torque sensors can be connected to the LTT.

Q6. How can I expand the torque range capacity of an LTT model?

A6. Connecting an external torque sensor allows you to expand the torque measurement capacity and testing options of the LTT unit.

Q7. Can the LTT measure both torque and angle?

A7: With a rotary torque and angle sensor connected to the LTT, the unit can simultaneously display torque and angle measurements from the sensor.

Q8. Is a run down adapter necessary when testing a power tool?

A8. Yes, a run down adapter (RDA) is a joint simulator necessary for testing power tools. Not using an RDA when testing a power tool may damage the LTT's sensor.

Q9. Does the LTT torque analyzer need to be mounted to a workbench, cart, or bracket?

A9. The LTT torque analyzer needs to be mounted securely before operating. Immobilizing the torque analyzer is critical for the operator's safety and for the accuracy of torque measurements during operation. Having an LTT in a secure position during operation can ensure the validity of torque readings. Mountz offers mounting brackets for the LTT torque analyzer.

Q10. Can the fastening data be captured and stored?

A10. The tool can record and store torque and fastening data for 5,000 data points.

Q11. Can test data be exported from the LTT?

A11. Yes, it can be exported into an Excel spreadsheet using the unit's "Excel Add-In" plug-in for realtime data collection. It also provides statistics calculations.

Q12. Can the LTT calculate statistical data from the test data?

A12. Yes, it can analyze the data and calculate statistical data using the "Excel Add-In" plug-in software.

Q13. What is the Peak mode function with a torque analyzer?

A13. It measures and retains the highest torque applied.

Q14. What is the First Peak mode function with a torque analyzer?

A14. It measures and retains the point at which the torque peaks. This mode is used in testing "click" wrenches.

Q15. Is it supplied with a calibration certificate?

A15. Yes, it is supplied with a Free ISO 17025 Certification of Calibration.