

The New MTX Low Torque Sensor by Mountz Inc.

Calibrating and Testing Small Hand & Power Torque Tools

SAN JOSE, CA, USA, August 16, 2014 /EINPresswire.com/ -- Mountz, a specialist in the design and manufacture of torque control products, offers the new MTX torque sensor for testing small torque tools. The MTX is a [low torque sensor](#) designed for calibrating and testing small hand screwdrivers, torque wrenches and power tools. With the sensor's low profile design, the calibration instrument can also be used for testing automation and robotic fastening applications. These versatile torque sensors are used in conjunction with a torque tester.

Small torque tools are precision instruments designed to accurately and repeatedly tighten fasteners to a proper torque value. Overtime, all torque tools start to drift out of tolerance. Preventative maintenance and regular torque calibration cycles will ensure repeatable accuracy and adherence to international standards. Only Mountz [MTX torque sensors](#) provide precision torque testing for these applications.

The MTX torque sensor is a finely tuned instrument designed for testing and [measuring torque](#). Engineered for torque analysis, validation, verification and calibration, the torque sensor is a laboratory grade instrument that is commonly used for quality control, R&D and tool calibration applications. Using a quality sensor is key for many companies to ensure that the proper torque is being applied. Testing torque is literally a science and not something that can be left to chance. Making a safer world through accuracy and precision is the core purpose of Mountz, Inc.

Designed to perform static torque measurement, the small precision instrument can measure torque in both clockwise and counterclockwise direction. Mountz supplies a free ISO 17025 certification of calibration with the purchase of any new MTX torque sensor. This certificate documents the measurement results from the torque calibration and substantiates the operational readiness of the torque sensor. In addition, it also provides traceability to recognized national and international standards. Mountz offers various MTX models covering a torque range from 1 inch-ounce up to 160 inch-ounces.

Using a quality torque sensor makes a safer world through accuracy and precision. Measuring torque is essential for companies to ensure their product's quality, safety and reliability isn't compromised. The failure of a three-cent fastener that isn't properly tightened can lead to catastrophic or latent failures. Fasteners that are insufficiently fastened can vibrate loose and excessive torque can strip threaded fasteners. With nearly 50 years of experience, Mountz is a pioneer in developing torque testers and sensors.



The MTX torque sensor is a finely tuned instrument designed for testing and measuring torque.

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