

SDX Torque Sensor by Mountz Inc.

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SAN JOSE, CA, USA, December 1, 2015 /EINPresswire.com/ -- The [SDX torque sensor](#) available from Mountz, Inc. is an instrument designed for [torque auditing](#), verification or tightening fasteners. The SDX sensor connects to a torque tester and is used to accurately audit the residual torque on a previously tightened fastener. The sensor is used for three common torque verification tests: first movement test, loosening test or a marking test.



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Measuring torque doesn't end once the fastening process is complete. Often a torque auditing program is necessary. A method to detect loose fasteners or any signs of joint relaxation. Torque auditing validates the tightening process, the torque tool, the product design and the materials used for the assembly application. With 50 years of experience, Mountz is a pioneer in developing torque testers and torque sensors. Making a safer world through accuracy and precision is the core purpose at Mountz.

The SDX [torque sensor](#) is small and compact and has an ergonomic rubber grip. Mountz offers two models covering a torque range capacity from 1 - 50 inch-pounds. A torque sensor is used in conjunction with a torque analyzer. The instrument features a built-in overload protection and contains the Mountz ARC II technology, which is an instant auto-recognition system of the sensor when mated to the Mountz FTA, LTT or PTT torque testers. Plus, when the SDX unit is connected with a Mountz torque analyzer an engineer can capture and store the data results that are collected during a torque test and then download the data to a PC.

Built for torque evaluation and verification the SDX torque sensor is a laboratory grade instrument that is commonly used for quality control and R&D torque applications. Testing torque with a quality torque sensor is key for many companies to ensure that the proper torque is being applied. Measuring torque is literally a science and not something that can be left to chance.

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.

Chris Morris
Mountz, Inc.

408.292.2214
email us here

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