



New PSE Torque Screwdriver by Mountz

/EINPresswire.com/ The PSE is an ergonomic [pre-set torque screwdriver](#) that's ideal for production applications where over-torque conditions are not tolerated. Built with a cam-over design, the accurate PSE [torque screwdriver](#) prevents a fastener or bolt from being under and over tightened. The design action of the cam-over torque screwdriver is such that when the tool reaches its pre-set torque value the mechanism disengages from the drive thus limiting the torque applied. Designed for variety of industries like medical, aerospace, semiconductor, electronics, and communications, the PSE torque screwdriver ensures proper torque control.

A pre-set torque screwdriver is similar to a person setting an alarm clock to signal the achievement of a selected time. The torque screwdriver is pre-set to the required torque value of the application and then the tool signals the operator when torque is achieved.

The reliable PSE torque screwdriver, by Mountz Inc. provides precision torque control. Inside the screwdriver, a precision radial ball clutch "slips-free" when the set torque is reached preventing over-torque occurrences. Also, the thrust bearings insure that the torque setting is independent of any end load applied by the operator.

Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO6789: 2003, Mountz offers various PSE [torque driver](#) models that range from 0.7 ozf.in to 120 lbf.in. Featuring a tamper-proof internal adjustment, the torque screwdrivers have no external adjustment scale and must be preset using a torque tester.

Controlling 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. The cam-over philosophy of each Mountz torque screwdriver prevents operators from influencing the torque output when tightening fasteners.

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