

New TLS Pro ESD Preset Torque Screwdriver by Mountz

ESD Safe Preset Torque Screwdriver – Ensures Proper Torque Control

SAN JOSE, CA, USA, September 7, 2015 /EINPresswire.com/ -- Mountz, Inc. introduces the new [TLS Pro ESD](#) series screwdriver designed to provide ESD protection during the fastening process for those critical electronic components. The [ESD preset screwdriver](#) is ideal for production applications where over-torque conditions are not tolerated. Built with a cam-over design, the accurate TLS Pro ESD screwdriver prevents a fastener or bolt from being under and over-tightened. As a quality control tool, the [torque screwdriver](#) allows any user to deliver the correct torque with confidence regardless of task and operator skill level. Making a safer world through accuracy and precision is the core purpose at Mountz.



TLS Pro ESD Preset Torque Screwdriver

Preventing the occurrence of electrostatic discharge is very important in today's world. Many electronic components are sensitive to electrostatic discharge (ESD). Manufacturing engineers involved with microelectronic products are very aware of the importance of preventing ESD mishaps. Lapses in preventing the occurrence can affect manufacturing costs, product quality and profitability.

These new torque tools are an upgrade to the reliable and trusted Mountz cam-over torque screwdriver technology. The tools were engineered to enhance the user experience during the fastening process. The new screwdriver offers the same performance, same quality, same torque results as the old dependable TLS screwdriver. The new modern design of the TLS Pro ESD driver improves the durability and the ergonomic experience for the assembly operator.

A preset 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. A preset torque screwdriver does not feature an external adjustment scale. These tools have internal adjustment mechanism for setting the torque value and must be preset using a torque tester. Preset screwdrivers are typically used for production applications where there is one torque setting required. However, if the torque specification changes or a new project requires a different torque setting, the preset torque screwdriver is still flexible enough that a new torque setting can be set internally using a torque analyzer.

The design action of the cam-over torque screwdriver is such that when the tool reaches its selected torque value the mechanism disengages from the drive thus limiting the torque applied. Also, the thrust bearings ensure that the torque setting is independent of any end load applied by the operator. Designed for a variety of industries like electronics, semiconductor, aerospace, communications, medical and other production environments, a Mountz TLS Pro ESD preset screwdriver ensures consistent torque control.

The radial cam design of the Mountz preset torque screwdriver allows for a smooth cam action with minimal wear on the tool. This provides precision torque control and extends the operating life cycle of the tool before necessary routine tool maintenance is required. Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO6789: 2003, Mountz features various preset screwdriver models that range from 0.45 to 120 lbf.in.

Using a quality ESD safe torque screwdriver 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. The failure of a three-cent fastener that isn't properly tightened can lead to catastrophic or latent failures. Fasteners that are

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