MicroTorque Handheld screwdrivers
MICROTORQUE
HANDHELD
SCREWDRIVERS

User friendly, ergonomic and productivity boosting

The Microtorque Handheld Screwdriver range is the most advanced tightening solution for any low torque application. Extremely ergonomic, very compact and full of functionalities it is the right tool to boost productivity and quality, resulting in high efficiency and cost reduction.
A Compact, space saving design.
B Display with clearly visible and configurable information.
C Colored background signaling tightening status.
D Simple and intuitive navigation through three controller buttons.
E Multiple communication ports.
F External power supply unit.
G Ergonomic and lightweight design.
H Robust and durable cable
ACCURACY AND QUALITY – WITH MAXIMUM FLEXIBILITY

With an extremely high accuracy, the Microtorque Handheld Screwdriver secures torque consistency at every tightening and at every joint, giving you higher process and product quality. To gain more control to the process the angle monitoring detects stripped joints, incomplete tightening, missing components and misalignment to name a few. Thanks to multiple tightening strategies you get maximum flexibility, allowing the best setup for different tightening needs. From speed variation up to rotation direction.

With no software needed, Auto-set is the easiest and fastest way to setup the Microtorque screwdrivers. Just chose the torque and perform few tightening and it is done. With multiple torque you have savings and flexibility where one single Microtorque Screwdriver can replace multiple conventional screwdrivers at one workstation. Multi Step Tightening maximizes tightening quality and torque accuracy – reducing tightening time and allowing multiple possibilities for process improvement.
The Graphic Data & Analysis tool makes sure to identify the causes for tightening failures. Making it a powerful tool for process optimization and diagnosis. And to help on process control and product quality the Batch count makes an important feature, preventing missing screws during assembly with the Microtorque Handheld Screwdriver. The Seating Control Strategy is the most intelligent and advanced tightening solution, eliminating floating screws and assuring the best tightening process.

Several I/Os ports allow quick and easy integration with PokaYoke solutions, like smart jigs, program selection and more. And the colorful and visual interface the MTF400 controller gives instant feedback to operators through intuitive colors and sounds. All tightening data, including torque, angle, status, and graphics can be exported in real time. Offering traceability and process history.
Seating control strategy

Due to the monitoring capability during the entire process, the MTF400 identifies the seating point and then adds the specified amount of torque or angle. It secures that the right amount of clamping is applied to every single joint, independent of the so common friction variation due to dimensions, roughness, material, alignment and more.
We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.

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