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TSD

Digital Torque Screwdriver

3 Models

TSD-50: 0.45 - 4.42 lb-in / 5.0 - 50.0 cN-M (0.05 - 0.5 Nm)
TSD-200: 1.70 - 17.70 lb-in / 20.0 - 200.0 cN-M (0.2 - 2 Nm)
TSD-400: 3.50 - 35.00 lb-in / 40.0 - 400.0 cN-M (0.4 - 4 Nm)

TSD digital torque screwdrivers are designed for accurate measurement of application and removal torque of screws and fasteners. The TSD measures bi-directional torque in real-time or peak modes. 9 programmable target values can be preset to allow the operator to quickly fasten screws using audible and visual indicators to alert when the target value is reached or passed.

The TSD uses standard 1/4" hex bits allowing it to be used on a wide range of applications. An auto-locking bit holder allows for quick changing between sizes.



Features

- Uses standard 1/4" bits
- Clockwise & Counter Clockwise Torque Measurement
- 9 Programmable Target Torque Set-points

- Real time & Peak Torque Measurement
- Display Units: lb-in, cN-M and Kg-cm
- 1 AAA battery provides 12 hours of continuous use
- **CE Certified**

Force Ranges

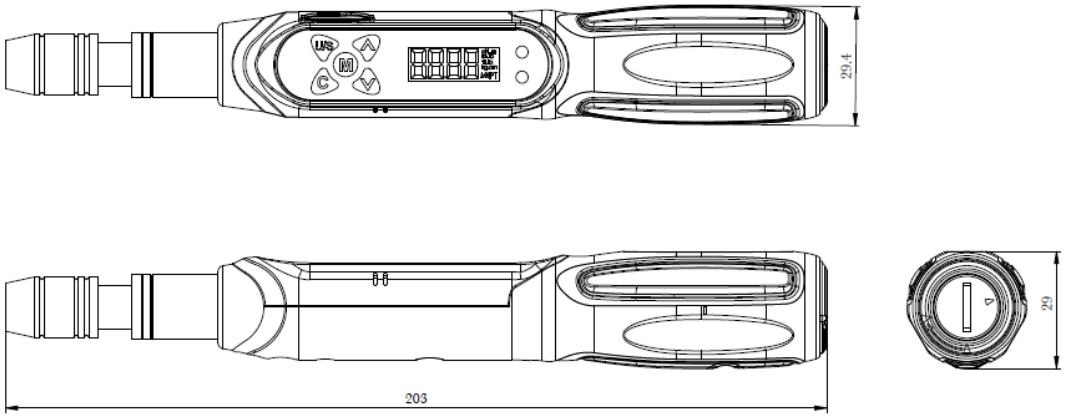
Model	Range	Resolution
TSD-50	0.45 - 4.42 lb-in 5.0 - 50.0 cN-M 0.50 - 5.00 kg-cm	0.01 lb-in 0.1 cN-M 0.01 kg-cm
TSD-200	1.70 - 17.70 lb-in 20.0 - 200.0 cN-M 2.00 - 20.00 kg-cm	0.01 lb-in 0.1 cN-M 0.01 kg-cm
TSD-400	3.50 - 35.00 lb-in 40.0 - 400.0 cN-M 4.00 - 40.00 kg-cm	0.01 lb-in 0.1 cN-M 0.01 kg-cm

TSD Quick Start Instructions

1. Press **C** to power on screwdriver.
2. Press **U/S** to select desired measuring unit.
3. To select TRACK or PEAK mode press and hold the **U/S** key for 2 seconds, the display will show MODE, then press the up or down key to select between PEAK or TRACK mode (indicated by a small P or T in the bottom right corner of display). Then press the **U/S** key three times to confirm your selection and return to measurement mode.
4. Use up and down arrow keys to enter target torque. If you are simply measuring and do not have a target, adjust the setpoint to the highest value (maximum capacity of the screwdriver).

Note, when there is no torque applied the TSD will display the target value or previous reading (in Peak mode).

Dimensions



Dimensions MM

Specifications

Accuracy	Clockwise: ±2% Counterclockwise: ±3% (of indicated) Guaranteed from 20-100% of capacity.
Presets	9 Programmable setpoints with both audible beep and Green/Red LED indicator
Memory	50 readings
Presets	9 Programmable setpoints with both audible beep and Green/Red LED indicator
Drive	1/4 Inch - 6.35 mm Hex
Operating Modes	Peak / Track (real-time)
Power Supply	1x AAA Battery (included)
Working Time	12 hours continuous use
Auto Off	Automatic power off after 5 minutes of non-use
Operating Temp.	-10°C - 60°C
Storage Temp.	-20°C - 70°C
Dimensions	Length (without bit): 200mm / 8in Diameter at largest point: 29.5mm / 1.16in
Weight	430g
Warranty	1 Year
Reference #s	TSD-400 = SP-4BN, TSD-200 = SP-2BN, TSD-50 = SP-05BN

Downloads

TSD Screwdriver Instruction Manual
PDF File

Item	Description
TSD-50	Digital Torque Screwdriver, 4.42 lb-in / 50.0 cN-M Capacity - SP-05BN
TSD-200	Digital Torque Screwdriver, 17.70 lb-in / 2 Nm / 200.0 cN-M Capacity - SP-2BN
TSD-400	Digital Torque Screwdriver, 35.00 lb-in / 4 Nm / 400.0 cN-M Capacity - SP-4BN

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