

User Guide

1/2 in. Drive Digital Torque Wrench

(8-162 ft lb)

555-81694



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Technical Specs

Rated Voltage	DC3.0V
Rated Frequency	50 Hz
Working Environment	-40° - 185° F (-40° - 85° C)
Power Consumption	90 mW
Torque Accuracy	+/- 2%
Drive	1½ in.
Torque Range (Lbf-ft)	8-162
Torque Range (Lbf-in)	97-1947
Torque Range (N-m)	11-220
Torque Range (Kgf-m)	1-22
Length	21 in.
Division Value	0.1 increments

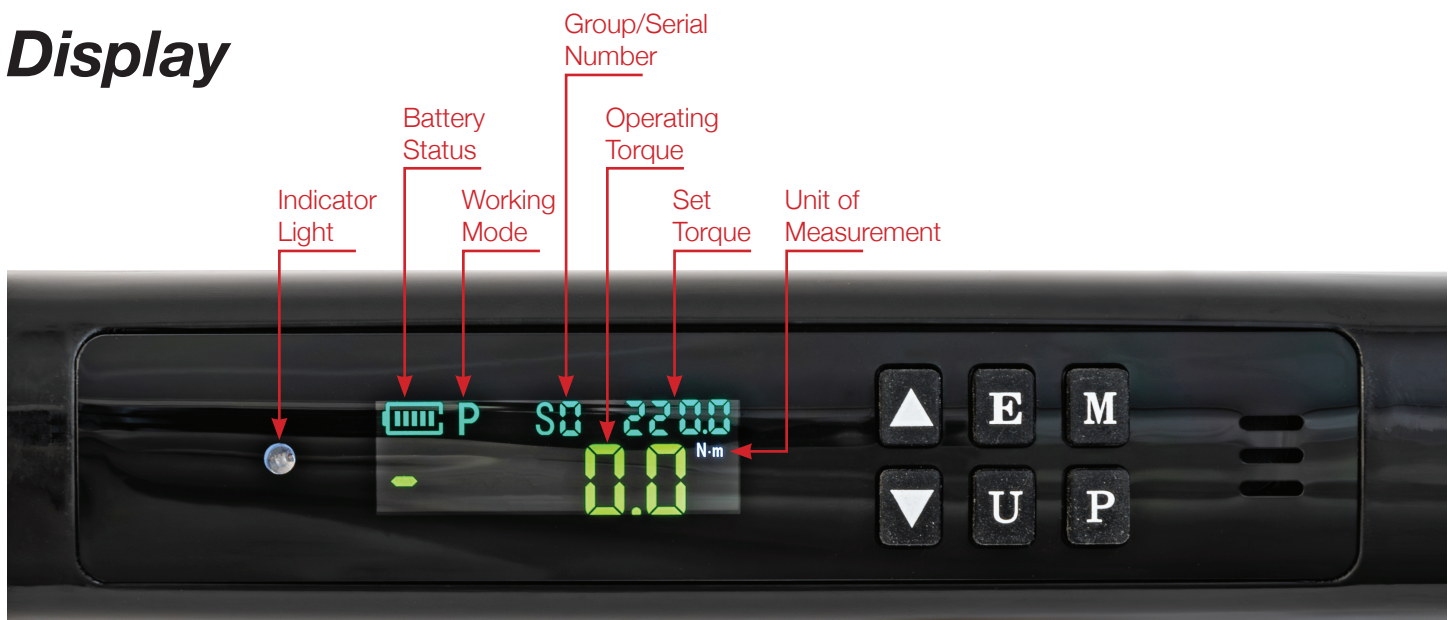
Read Before Use

Thank you for your purchase of this JEGS Digital Torque Wrench. Before use please be sure to read this user guide to ensure proper use.

If you have any issues, or if the torque wrench is damaged, please contact customer service at: 1.800.345.4545.

Return Information: *Once this torque wrench has been modified, it will not be accepted for return.*

Display



Torque Preset
Increase



Mode
Switching



Data Storage
Data Viewing



Torque Preset
Decrease



Unit of Measurement
Switching



On/Off
Clear/Confirm/Return

Description

This digital torque wrench is intended as a fastener tightening and disassembly torque detection tool. To provide the most accurate readings this tool utilizes strain gauge measurement principal and programmed data processing technology.

The functions of this torque wrench include:

- Accurate indication value
- Simple operation
- Convenient transport case
- Multi-mode settings
- Sound alarm
- Vibration/buzzer reminder
- Light prompt
- Clockwise and Counter-clockwise rotation

Widely used in automotive, and aerospace fields, this torque wrench ensures proper assembly.

Setting Torque

TURN ON

- Press **P** button quickly.

SET UNIT OF MEASUREMENT

- Press the **U** button until the desired unit of measurement is displayed.

SET TORQUE

- Press arrow keys until **S0-S9** preset is shown.
- While **S0-S9** is flashing, press the **M** key.
- Use arrow keys to set desired torque.
- Hold down arrow keys to rapidly scroll through the available torque values.
- Press **P** to confirm the torque setting, save this torque to the displayed **S** preset, and enter the standby screen.

DATA STORAGE

- Press **E** Button to switch to peak mode, **P** will be displayed on the screen next to the battery status display.
- Tighten fastener to set torque specification.
- While holding the torque wrench at that torque value press the **M** button to save current torque value.
- There are 500 presets that will display as a preset number between **M001 - M500**.

TURN OFF

- Press and hold **P** button.

Presets

SELECTING PRESETS

- Up to 10 presets **S0-S9** can be saved on this torque wrench.
- To select one, press the arrow buttons until the desired preset number is displayed.
- While the preset number is flashing, press **P** to confirm and return to the standby screen.
- At this point the torque wrench is set to the preset torque.

NOTE: This digital torque wrench will convert the correct torque specification into each of the available four units of measurement.

Usage

ALERT TO DESIRED TORQUE

- 80% of Preset Torque
 - Green flashing light and +0.5 Hz buzzer
- 90% of Preset Torque
 - Green light and +1.0 Hz buzzer
- 100% of Preset Torque
 - Red light and loud buzzer

DISPLAY

- While applying pressure to the fastener the display will show the real-time torque.
- Depending on the mode selected; once pressure is released from the torque wrench, the maximum torque applied will either be displayed on the screen (**P** Peak), or return to zero (**T** Real-Time).
- Press **P** to return to the standby screen.

Clearing Data

DELETING STORED DATA (SINGLE FILE)

- Press **P** to turn on the digital torque wrench
- In the standby screen, press and hold the **M** key until **M001** appears.
- Use the arrow key to select the desired data storage number **M001-M500**.
- Press the **U** button. **ALL** will be displayed at first, press the **U** button a second time and **ONE** will then be displayed. This allows for the deletion of a single data file.
- Press **M** and **SUCC** will be displayed. At this point the data file has been successfully deleted.
- Press **P** to return to the standby screen.

DELETING STORED DATA (ALL FILES)

- Press **P** to turn on the digital torque wrench
- In the standby screen, press and hold the **M** key until **M001** appears.
- Press the **U** button. **ALL** will be displayed. This allows for the deletion of all data files.
- Press **M** and **SUCC** will be displayed. At this point all of the data files have been successfully deleted from the torque wrench.
- Press **P** to return to the standby screen.

Modes

SELECTING MODES

- Pressing the **E** button will switch between display modes. The mode setting is displayed next to the battery status display
- **P** indicates Peak mode
 - In this mode the maximum torque used will be saved on the screen.
 - Press the **P** button to return to the standby screen.
- **T** indicates Real-Time mode
 - In this mode the display will show the current amount of torque being used, and will return to zero when finished.

Maintenance

- Please ensure that you check or calibrate this digital torque wrench ENISO6789.1 after 5,000 time, or 12 months of use at a local torque wrench calibration company.
- Do not overload beyond the nominal maximum torque of 125%. This will affect the accuracy of this torque wrench.
- Do not place in areas of high heat, high humidity, or direct sunlight.
- Avoid dust, oil, and other contaminants.
- Avoid the use of corrosive cleaning agents.
- Do not immerse in cleaning liquid.
- Do not hit the display screen against hard objects.
- Remove the battery when not using to prevent battery leakage.

Features

AUTOMATIC SHUT-DOWN

- This digital torque wrench will automatically shut-down after (5) five minutes in stand-by mode.

LOW BATTERY REMINDER

- When the battery is low this digital torque wrench will automatically shut-down after (5) five buzzes.