

### TT Series Torque Tool Tester

**The TT Digital Torque Tool Tester is a simple operation test instrument for quickly checking torque tool performance.**

The TT Series provides exceptional accuracy for measuring torque on various products including torque wrenches, manual screwdrivers, electric screwdrivers, pneumatic screwdrivers and other torque controlled power tools.

The TT's provide long operation life and power flexibility with the ability to work from the internal rechargeable battery or included AC adapter. The TT's have four modes of operation: Track for live readings, Peak which records the highest level over a test, First Peak which records the first peak reading over the test and Track/Peak which shows both the live readings as well as the peak reading recorded.

The analog bar graph on the backlit LCD aids users by providing the resultant torque's current position compared to the full scale range. CW/CCW icons assist users with ensuring proper test set-up. Pass/fail LED's (HI/OK/LO) produce live test feedback allowing instant determination of the results.

Every tester comes standard with USB and RS-232 output. The TT's software enables the uploading of data and the additional statistical analysis with its auto-calculation of the selected values.

These excellent features make the TT Torque Tool Testers a valuable and versatile addition to the production and quality control departments.



TT Shown Testing Torque Wrench

## Features

- Strong, light-weight, compact aluminum enclosure allows portability and usage in any shop environment.
- Flexible four modes of operation: Track, Peak, First Peak & Track/Peak
- High-resolution, backlit graphical display with analog bar graph and CW/CCW direction indication provides fast graphical interpretation of tool response.
- Pass-Fail LED light indicators enable quick determination of tool performance acceptance.
- Units come standard with USB or RS232 communication output for data upload.
- 500 memory record storage plus software provides easy data transfer.
- 0.5% accuracy of full scale range provides a sufficient standard for checking tools.
- Operation via the rechargeable battery or the AC adapter.
- Included rundown adapter for power tool testing
- Calibration certificate with data guarantees performance upon purchase.



TT with Included Accessories and Carry Case

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## TT Series Specifications

<b>Accuracy</b>	± 0.5 % of full-scale.(Includes Creep, Non-linearity & Temperature Shift at zero load)
<b>Units of Measure</b>	N-mm, N-cm, N-m, in-lb, ft-lb, kg-cm, kg-m (depending on range)
<b>Measure Modes</b>	Track, Peak, First-Peak, Track/Peak
<b>Tool Socket Size</b>	Dual 3/8", 20 mm female square.
<b>Overload Protection</b>	120% of Full Scale
<b>Max. Mounting Torque</b>	150% of Full Scale
<b>Sampling Rate</b>	1000 Hz
<b>Peak Capture Rate</b>	0.10 S
<b>Display</b>	1.75 x 1.125" (44.4 x 28.6 mm) dot matrix backlit LCD
<b>Operating Temperature</b>	60 - 95 °F (15 - 35 °C)
<b>Storage Temperature</b>	5 - 149 °F (-15 to 65 °C)
<b>Humidity Limit</b>	Maximum 70% rH.
<b>Power</b>	Rechargeable battery or 100 -240, 50-60 Hz universal AC adapter/charger
<b>Charging Time</b>	Approx. 14-16 Hours for Full Charge
<b>Battery Operation</b>	12 Hours
<b>Output</b>	USB 8 data bits Baud rate: 38400
<b>Communication Ports</b>	Both RS232 & USB simultaneous output
<b>Size</b>	4 x 8 x 2" (100 x 200 x 50 mm); TT-25: 4 x 9.8 x 2.3" (100 x 250 x 58 mm)
<b>Product Weight</b>	2.4 lb (0.9 kg); TT-25: 4.9 lb (2.22 kg)
<b>Package Weight</b>	5.1 lb (2.3 kg); TT-25: 7.7 lb (3.49 kg)
<b>Warranty</b>	1 year
<b>Included Accessories</b>	USB cable, charger adapter, cal. cert., 3/8" Hex rundown adapter (1, 5 & 10 N-m ranges only). 1/4" male hex to 3/8" square driver adapter
<b>Optional Accessories</b>	RS-232 cable, Rundown adapter springs, Rundown adapters Note: Software available for free download at <a href="http://www.shimpointst.com">www.shimpointst.com</a>

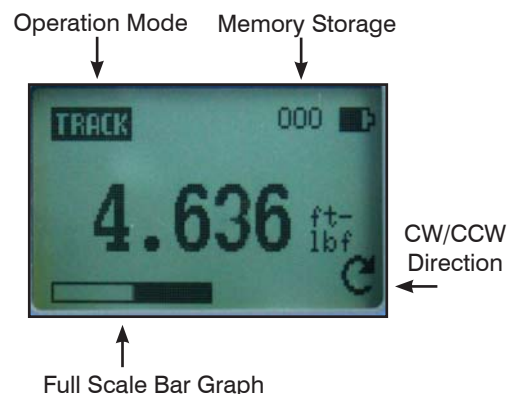
## Ordering Details

Range by unit (Resolution)					
Model	N-m	kgf-cm	kgf-m	in-lbf	ft-lbf
<b>TT-0.5</b>	0.5 (0.0001)	5.099 (0.001)	0.0509 (0.0001)	4.425 (0.001)	0.3687 (0.0001)
<b>TT-1</b>	1 (0.0002)	10.2 (0.002)	0.1020 (0.0001)	8.850 (0.002)	0.7375 (0.0002)
<b>TT-5</b>	5 (0.001)	50.99 (0.01)	0.5099 (0.0001)	44.25 (0.01)	3.687 (0.001)
<b>TT-10</b>	10 (0.002)	102 (0.02)	1.02 (0.0002)	88.50 (0.02)	7.375 (0.002)
<b>TT-25</b>	25 (0.002)	254.9 (0.05)	2.549 (0.0005)	221.3 (0.05)	18.44 (0.005)

## Accessories

<b>TTRNA-1</b>	Rundown adapter. 8.85 in-lbf (1 N-m) 1/4" hex connection
<b>TTRNA-5</b>	Rundown adapter. 44.25 in-lbf (5 N-m) 1/4" hex connection
<b>TTRNA-10</b>	Rundown adapter. 88.5 in-lbf (10 N-m) 1/4" hex connection
<b>TTRNA-25</b>	Rundown adapter. 221 in-lbf (25 N-m) 1/4" hex connection
<b>TT-BP</b>	Mounting base plate for TT. (Note: TT-25 comes standard with base plate.)

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