

Torque Meter – TME3



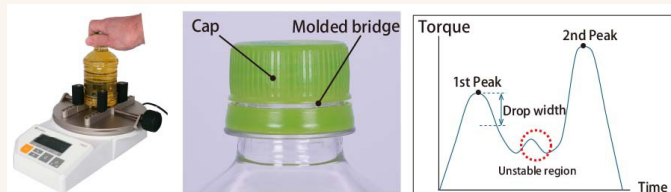
Digital Torque Meter with Data Processing

Tohnichi's TME3 is suitable for checking torque on bottle caps, starting torque test, strength test, and twisting test, etc. Designed to measure rotating torque of precision parts. Ideal for cap testing.

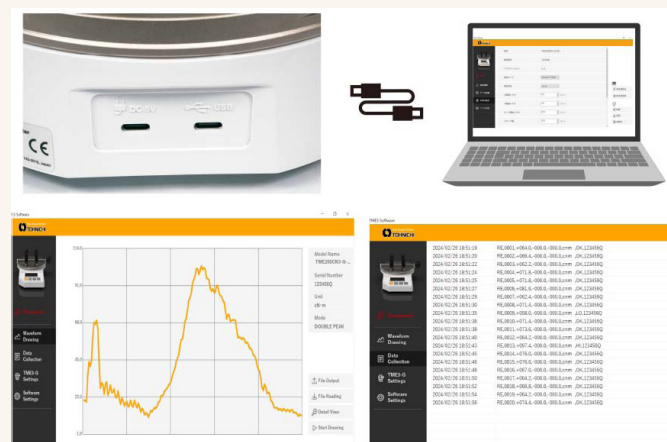
Intuitive icons indicate modes: Run, Peak, 1st 2nd Double Peak, Data/Parameter Setting. The 1st and 2nd peaks holding function, especially for bottle cap measurement. Easy to read LC display gives reliable visibility.

Special teardrop shaped poles allows chucking from a minimum diameter of 7 mm to maximum 190 mm. Pole anchors use a corotation prevention mechanism to grasp your work firmly. With the optionally available calibration equipment, the tester can be calibrated by the operator himself if required.

Double-Peak Detection



TME3 can detect primary peak opening torque (when cap begins turning) and secondary peak (when bridges break). The drop width required for peak detection can be set to prevent mistaken detection of the unstable region.



- Modes: Run, Peak, 1st 2nd Double Peak.
- Accuracy $\pm 0.3\%$ FSD ± 1 digit.
- Statistics: Samples, Max, Min, Average, Variation range, Standard deviation.
- Easy to read LC display
- Up to 999 data readings can be saved in the internal memory.
- USB-C data output.

Abb.: Kabel # 586
USB Typ C-C

Abb.: Kabel # 587
USB Typ C-A

Abb.: # BA-7
Netzadapter

Applications

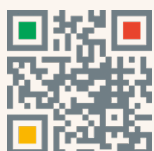
- Bottle cap opening torque measurement.
- Cosmetic container torque measurement.
- Torque measurement of GL standard screws used for medicine containers.
- Electronic component rotary torque measurement.
- Working torque testing.
- Torsional torque measurement and strength testing.

INFO
For wired handling of measurement data, download (no charge) Data Receiver 'DtRcv', which can save to Excel® and CSV files format, or application software for TME3 (APS for TME3), which can measure torque waveforms and be used for changing various settings. (Cannot be used for wireless operations.)

Option: Cable No. 586 or No. 587 (sold separately) is required to connect TME3 to your computer.

TME3-G

Model	Item No.	Torque Range cN·m	Grad. cN·m	Torque Range ozf·in	Grad. ozf·in	Torque Range lbf·in	Grad. lbf·in	Torque Range kgf·cm	Grad. kgf·cm	øD mm	Wght. kg
TME20CN3-G	T251304	2 - 20	0,02	2,8 - 28	0,02	0,17 - 1,7	0,002	0,2 - 2	0,002	7 - 190	3,5
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TME200CN3-G	T251313	20 - 200	0,2	28 - 280	0,2	1,7 - 17	0,02	2 - 20	0,02	7 - 190	3,5
TME500CN3-G	T251316	50 - 500	0,5	70 - 700	0,5	4,4 - 44	0,05	5 - 50	0,05	7 - 190	3,5
TME1000CN3-G	T251319	100 - 1000	1	140 - 1400	1	8,8 - 88	0,1	10 - 100	0,1	7 - 190	3,5
TME2000CN3-G	T251322	200 - 2000	2	280 - 2800	2	17,5 - 175	0,2	20 - 200	0,2	7 - 190	3,5



Further
information
available on
our website
– 24/7.

* Excel Receiver software is a data input tool for Excel® data management. It can be downloaded for free. Note: Excel® is a registered trademark of the Microsoft Corporation.

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ZEMO
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