

The MTT-03 digital torque gauges are designed for clockwise and counter clockwise torque testing applications in virtually every industry, with capacities from 10ozFin to 100lbFin (7 to 1,150Ncm). A dedicated remote torque sensor with Jacobs chuck can be used to grip a sample bit or fixture. The gauges' rugged aluminum housing allows for hand-held use or test stand mounting for more sophisticated testing requirements.



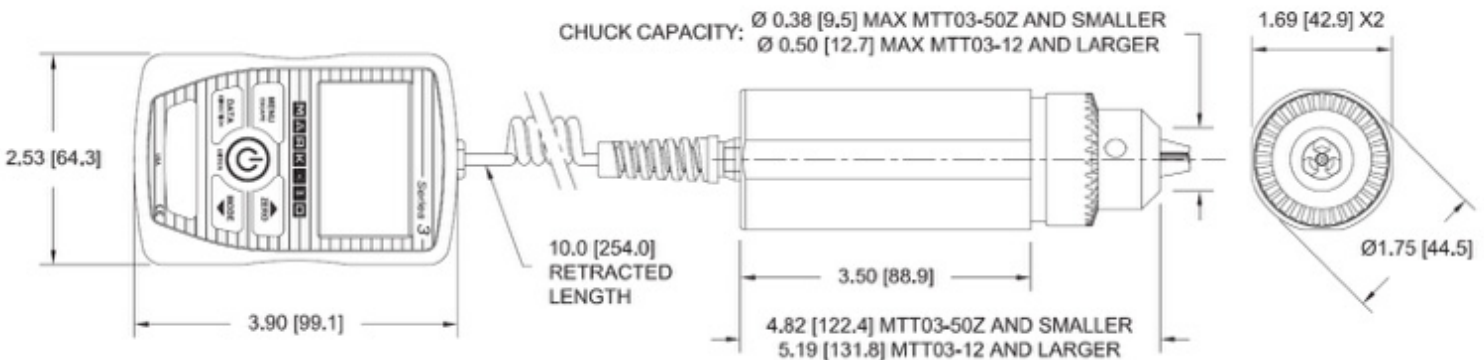
FEATURES

- Ergonomic torque sensor with Jacobs chuck
- Peak torque values saved and displayed
- High speed 2,000Hz sampling rate
- USB data output
- Programmable set points with pass/fail indicators
- Live load bar graph with set point markers
- Peak CW and CCW readings always displayed
- Set points always displayed
- Configurable audio alarms and key tones
- MESUR lite data collection software included

APPLICATIONS

- Automotive Industry
- Manufacturing
- Assembly
- Quality control

DIMENSIONS



SPECIFICATIONS

Model	MTT-03
Accuracy	±0.3% of full scale ±1 digit
Sampling Rate	2000 Hz
Measurement Units	ozFin, lbFin, kgFmm, Ncm (depending on model)
Power	AC or rechargeable battery. Multi-step low battery indicator is displayed gauge shuts off automatically when power is too low
Battery Life	Back light on: up to 7 hours of continuous use Back light off: up to 24 of continuous use
USB Output	Individual data point output by pressing DATA key. Configurable up to 115,200 baud.
Safe Overload	150% of full scale (display shows "OVER" at 110% and above)
Configurable settings	Digital filters, USB output, automatic shut off, default settings, key tones, audio alarms, calibration
Weight	1.8 (0.8kg)
Included Item	Carrying case, universal voltage AC adapter, battery, quick-start guide, USB cable, resource CD (USB driver, MESUR lite software, MESUR gauge DEMO software, and user's guide), and NIST-traceable certificate of calibration (certificate with data is available for an additional charge)
Warranty	3 years (see individual statement for further details)

PART NUMBER

Model	ozFin	lbFin	kgFmm	Ncm
MTT03-1OZ	10 x 0.01	-	7 x 0.005	7 x 0.005
MTT03-2OZ	20 x 0.02	-	14 x 0.01	14 x 0.01
MTT03-5OZ	50 x 0.05	-	36 x 0.05	35 x 0.05
MTT03-12	-	12 x 0.01	140 x 0.1	135 x 0.1
MTT03-50	-	50 x 0.05	580 x 0.5	570 x 0.5
MTT03-100	-	100 x 0.1	1150 x 1	1150 x 1

Certificate of calibration with data is available. Part no. is CERT.
All models include 110V AC adapters, unless ordered as below:
Add suffix 'E' for euro plug (220V), 'U' for UK plug (220V) or 'A' for Australian plug (220V)
Example: MTT03-50ZE, MTT03-50U, MTT03-100A

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