

MTT03C digital cap torque gauges are quick and economical solutions for basic handheld cap torque testing. These portable instruments eliminate the need to secure closures in a fixture or more elaborate testing. A dedicated remote torque sensor with Jacobs chuck is supplied with a universal grip for caps from 0.65 - 1.55 in (16.5 - 39.4 mm) diameter (Series TT03C gauges consist of a Series TT03 torque gauge and G1053 cap grip). MTT03C records both application and removal torque values (clockwise and counterclockwise directions).



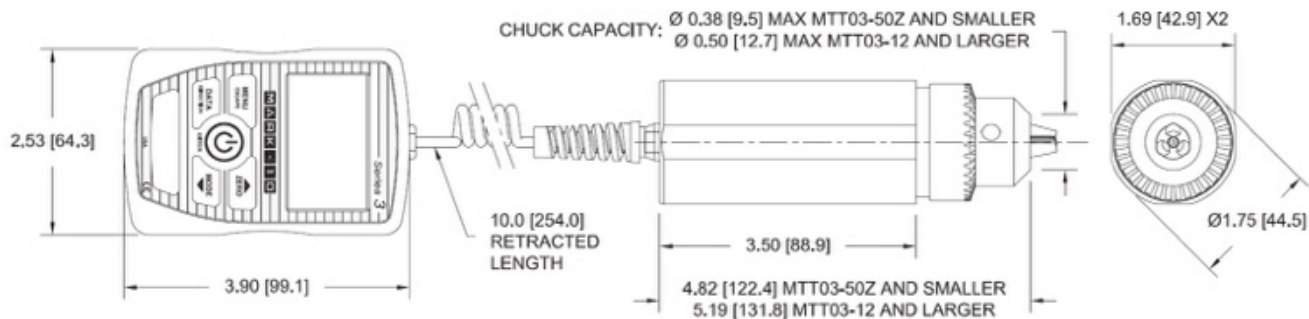
FEATURES

- Universal grip accommodates broad cap size range
- Peak torque values saved and displayed
- High speed 2,000 Hz 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 point always displayed
- Configurable audio alarms and key tones
- MESUR lite data collection software included

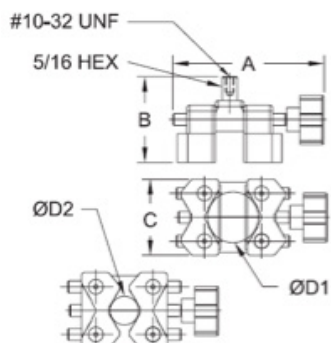
APPLICATIONS

- Automotive Industry
- Manufacturing
- Assembly
- Quality control

DIMENSIONS



G1053:



A	B	C	\varnothing D1*	\varnothing D2*
3.1 (78.7)	2.0 (50.8)	1.6 (40.6)	1.16 - 1.80	0.65 - 1.29
			(29.5 - 45.7)	(16.5 - 32.8)

* Jaws must be reversed to switch from \varnothing D1 to \varnothing D2

SPECIFICATIONS

Model	MTT-03C
Accuracy	±0.5% of full scale ±1 digit
Sampling Rate	2000 Hz
CAP Diameter Range	0.65 - 1.55in (16.5-39.4mm)
Measurement Units	lbFin, kgFmm, Ncm
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	By pressing DATA key only. 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	lbFin	kgFmm	NcM
MTT03C-12	12 x 0.01	140 x 0.1	135 x 0.1
MTT03C-50	50 x 0.05	580 x 0.5	570 x 0.5
MTT03C-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
Example: MTT03C-12E, MTT03C-50U, MTT03C-100A

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