

32-1092 REV 1



The new Series MGTC Cap Torque Gauge is a quick and economical solution for basic handheld cap torque testing. This portable instrument eliminates the need to secure closures in a fixture or more elaborate testing system. A dedicated remote torque sensor with Jacobs chuck is supplied with a universal grip for caps from 0.65 - 1.80 in (16.5 - 45.7 mm) diameter. The MGTC records both application and removal torque values (clockwise and counter-clockwise directions), and is available in three capacities from 12 to 100 lbin (135 to 1150 Ncm).

Series MGTC gauges consist of an MGT torque gauge and G1053 cap grip.

Features

Universal grip	Ideal for wide range of cap sizes
Compact design	Small size allows for portability
Peak memory	For application and removal torque values
Selectable units	Measure in lbFin, kgFmm, or Ncm of measurement

Specifications

Accuracy:	±0.5% of full scale ±1 digit
Cap diameter range:	0.65 - 1.80 in [16.5 - 45.7 mm]
Power:	AC or non-rechargeable battery, with Intelligent Power Management System (IPM). IPM warns the user via a "LO BAT" indicator and then will power off the gauge.
Battery life:	30 hours of continuous use
Selectable units of measurement:	lbFin/ozFin, kgFmm, Ncm (depending on model)
Safe overload:	150% of full scale (display shows "----" at 110% and above)
Weight:	1.8 lb [0.8 kg]
Environmental requirements:	40° F - 100°F [5°C - 45°C], <96% humidity (non-condensating)
Thermal effects:	Zero: 0.03% of full scale/°C, Span: 0.01% of full scale/°C
Housing construction:	Aluminum
Warranty	3 years (see individual statement for further details)



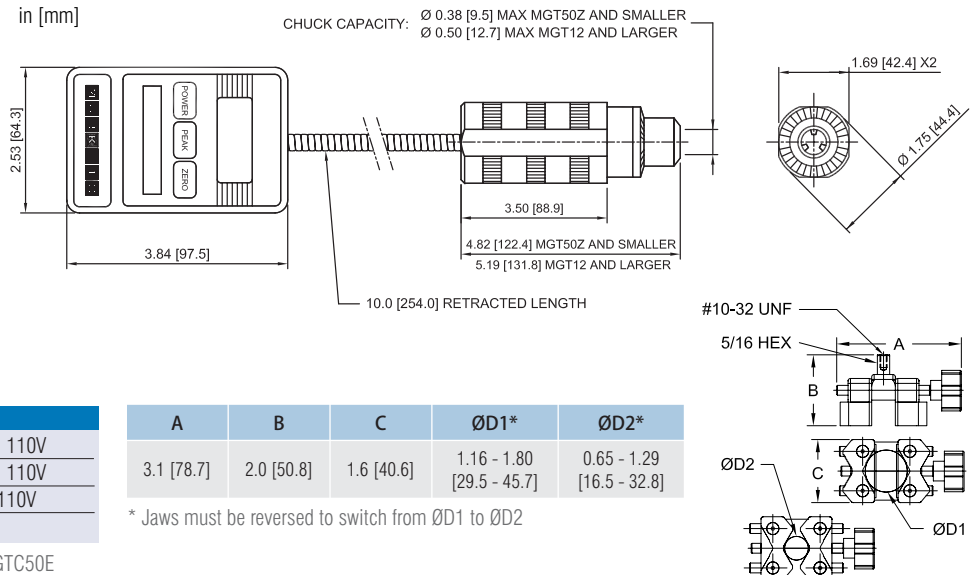
Optional Equipment

» Tabletop stand - Convenient mounting kit for gauge portion of the MGTC



Dimensions

in [mm]



Ordering Information

Model No.	Capacity x Resolution
MGTC12	12 x 0.01 lbFin, 140 x 0.1 kgFmm, 135 x 0.1 Ncm, 110V
MGTC50	50 x 0.05 lbFin, 580 x 0.5 kgFmm, 570 x 0.5 Ncm, 110V
MGTC100	100 x 0.1 lbFin, 1150 x 1 kgFmm, 1150 x 1 Ncm, 110V
AC1008	Tabletop mounting kit for MGTC

A	B	C	ØD1*	ØD2*
3.1 [78.7]	2.0 [50.8]	1.6 [40.6]	1.16 - 1.80 [29.5 - 45.7]	0.65 - 1.29 [16.5 - 32.8]

* Jaws must be reversed to switch from ØD1 to ØD2

For 220V operation, add suffix E to model number. Example: MGTC50E



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Specifications subject to change without prior notice