

Digital Torque Meter

TME3-G

Designed to measure rotating torque of precision parts
Ideal for Cap Testing

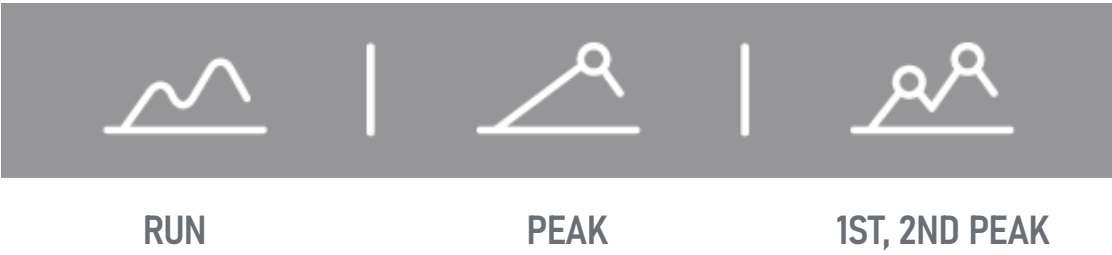
**TME200CN3-G**

- ✓ "Double peak" hold mode for bottle cap measurement
- ✓ Teardrop Shape saddle rubber allows chucking from Φ 7 mm of objects
- ✓ Multiple torque units, cN·m, N·m, gf·cm, kgf·cm, ozf·in, lbf·in
- ✓ Accuracy of full scale $\pm 0.3\%$ + 1 digit
- ✓ Five models cover the range of 20 to 2000 cN m

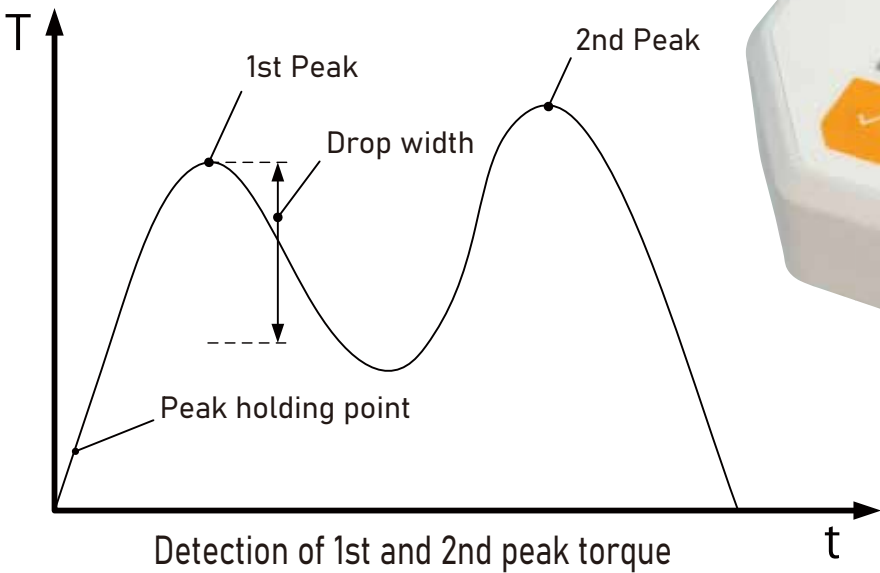
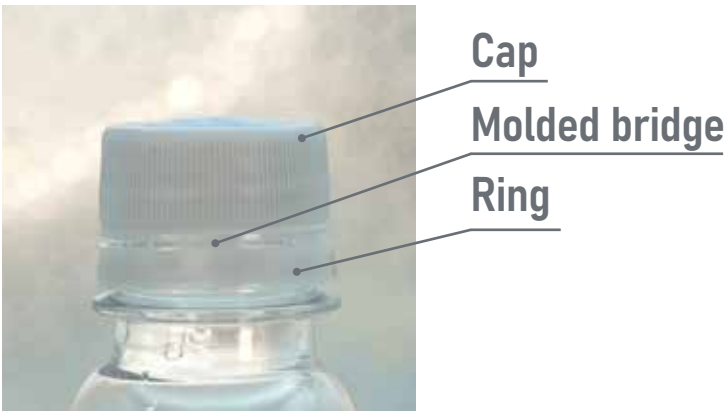


Features

✓ Easy operation with intuitive icon keys



✓ The 1st and 2nd peaks holding function, especially for bottle cap measurement

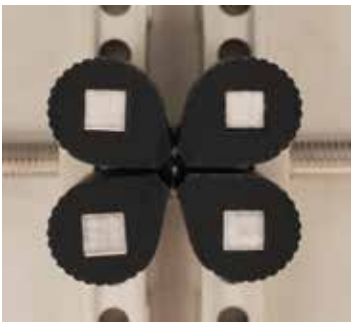


1st peak: Starting point of mold bridge detachment
2nd peak: Starting point of cap movement
Drop width: Threshold for preserving 1st torque

✓ Special teardrop shape allows chucking from a minimum diameter of 7 mm to maximum 190 mm.



For small objects



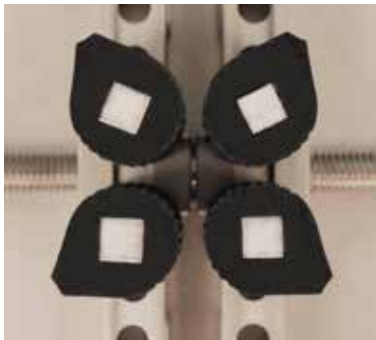
Cosmetic caps



For standard objects



Bottle caps



Potentiometers



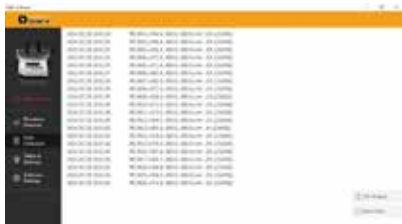
2 x type C USB port
Power port / Data port



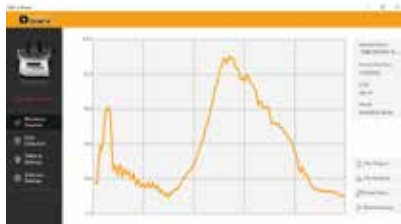
Data transfer



Power source



CSV output



or

Graph depiction

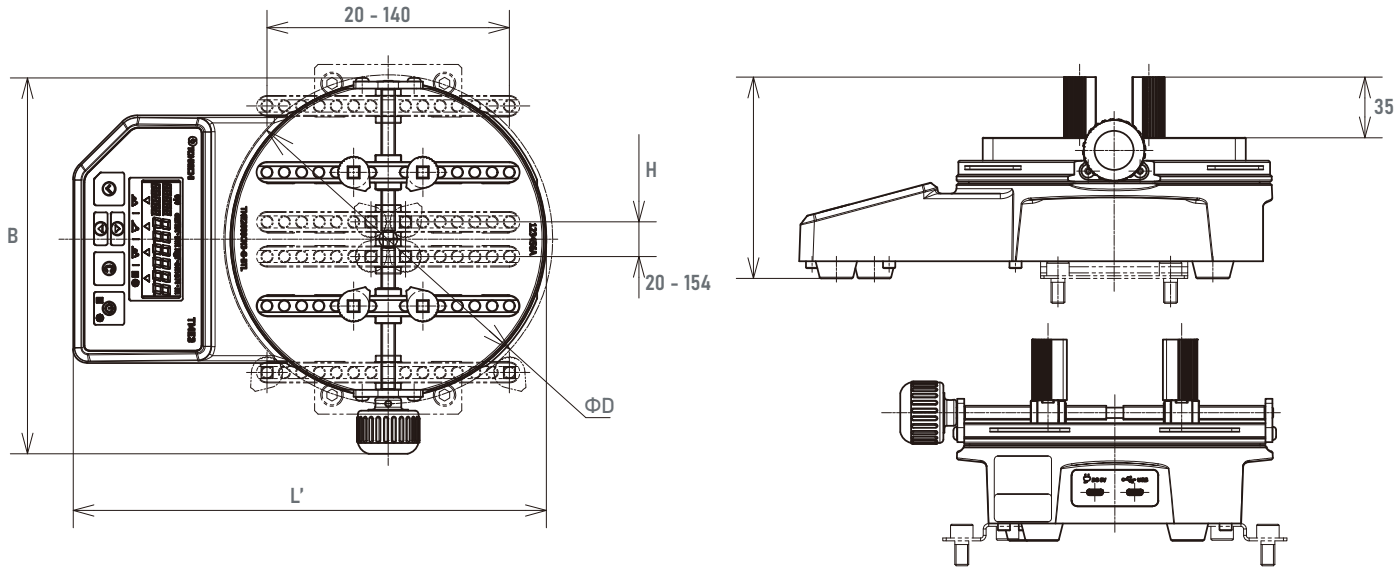


AC adapter

Specifications

■ Dimensions

[mm]



Accuracy F.S. +/-0.3% +1 digit

Model	cN·m		N·m		gf·cm		kgf·cm		ozf·in		lbf·in		L'	B	H	ΦD	Weight [kg]
	Range	1 digit	Range	1 digit	Range	1 digit	Range	1 digit	Range	1 digit	Range	1 digit					
TME20CN3-G	2-20	0.02	-	-	200-2000	2	0.2-2	0.002	2.84-28	0.02	0.178-1.77	0.002					
TME200CN3-G	20-200	0.2	0.2-2	0.002	-	-	2-20	0.02	28.4-280	0.2	1.78-17.6	0.02					
TME500CN3-G	50-500	0.5	0.5-5	0.005	-	-	5-50	0.05	71-700	0.5	4.4-44	0.05	273.5	217	116.5	7-190	3.5
TME1000CN3-G	100-1000	1	1-10	0.01	-	-	10-100	0.1	142-1400	1	8.8-88	0.1					
TME2000CN3-G	200-2000	2	2-20	0.02	-	-	20-200	0.2	284-2800	2	17.8-177	0.2					

Standard Accessories: AC Adapter (BA-7), USB power cable, Pole x 4, Support plate (TME500NN3-G to 2000CN3-G only)

Common Specifications

Display	Counter	4 digits
	Values	6 digits
Lighting display by ▼		: Run mode
		: Peak mode
		: 1st, 2nd peak (Double peak) mode
		: Data calling / Parameter setting
Unit	cNm, Nm, gfcm, kgfcm, ozfin, lbfin	
External output	USB connector (Type C) * Applicable to serial communication	
Power supply	DC 5V 1A	
AC adapter	AC 100 - 240V +/-10% 50/60Hz	
Power consumption	5W or less	
Operating Temperature	0 - 40°C (No condensation)	



Figure of Calibration kit TMTCL2 with TME3-G

Optional Accessories

Connecting Cable

Model	Description
586	USB type C- type C
587	USB type C- type A

Calibration Kit

Model	Applicable Models
TMTCL2	TME3-G



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