CTS

CAP TORQUE TESTER

The CTS cap torque tester is ideal for torque testing and setting bottle caps. It can be applied for torque testing any parts or materials using clamping. The device works in Track and Peak Mode.



The CTS digital cap torque gauge is a cost-effective testing tool. It has a solid metal housing and a large back-lit graphics LCD. The tester is suitable for measuring the tightening torque of a cap on a jar or bottle.

The CTS gauge is ready to work without any additional setup. For a more advanced test setup, configure the instrument to your requirements using the simple English menu.



Model	Capacity
CTS1N	1 N.m
CTS5N	5 N.m
CTS10N	10 N.m
CTS20N	20 N.m



The instruments can store up to several hundred readings at the push of a button. Review the stored data on the device screen or download it to a computer through a USB port. A Windows-based software program, NexGraph, and a USB cable for PC connectivity are provided.

Functions

- Capable of holding a bottle or jar from 12 to 160 mm (0.5 - 6.3 inches) in diameter
- Durable all-metal body construction
- 0.5% accuracy at peak capacity
- Up to 500 test records can be stored in its internal memory
- Large menu-driven graphics LCD
- Free PC software NexGraph for data download
- Complete set with carrying case includes a US-style plug 100-240V charger, USB cable, and a printed manual
- Calibrated at five torque load points. A calibration certificate is included.

Operating Condition	For indoor use only
Operating Temperature	60 °F - 95 °F (15 °C - 35 °C)
Accuracy (Combined error)	± 0.5 % of full scale
Creep	± 0.02 % of full scale
Non-Linearity	± 0.02 % of full scale
Temperature shift at zero load	± 0.02 % of full scale ΛC
Maximum torque	120 % of rated capacity stated
Maximum mounting torque	150 % of rated capacity
Unit of measurement	N-mm, N-cm, N-m, kgf-cm, kgf-m, in-lbf, ft-lbf, oz-in
Mode of measurement	Track, Peak, First-Peak
Screen Refresh Rate	1,000 Hz
Peak Capture Rate	0.10 S
Display	128 x 64 pixel dot matrix display
Minimum Torque	Readable at min 5% of F.S
Auto Reset range	Adjustable 2 to 100% of F.S
Pass-Fail range	Adjustable 2 to 100% of F.S
Communication Port:	R232 & USB are ready. No selection on the menu required.
L x W x H	160 x 250 x 100 cm
Weight	2.6 kg.



The different units of measurement can be cycled through using one button. Select from three modes of operation: a track mode for displaying live readings and two peak modes (clockwise and counterclockwise) that record the maximum value captured during the test.



The Pass/Fail mode allows you to configure upper and lower limits for your test. While this mode is active, the device provides a visual and audible indication when a test passes or fails.

This is an advanced torque gauge that can handle simple and professional applications