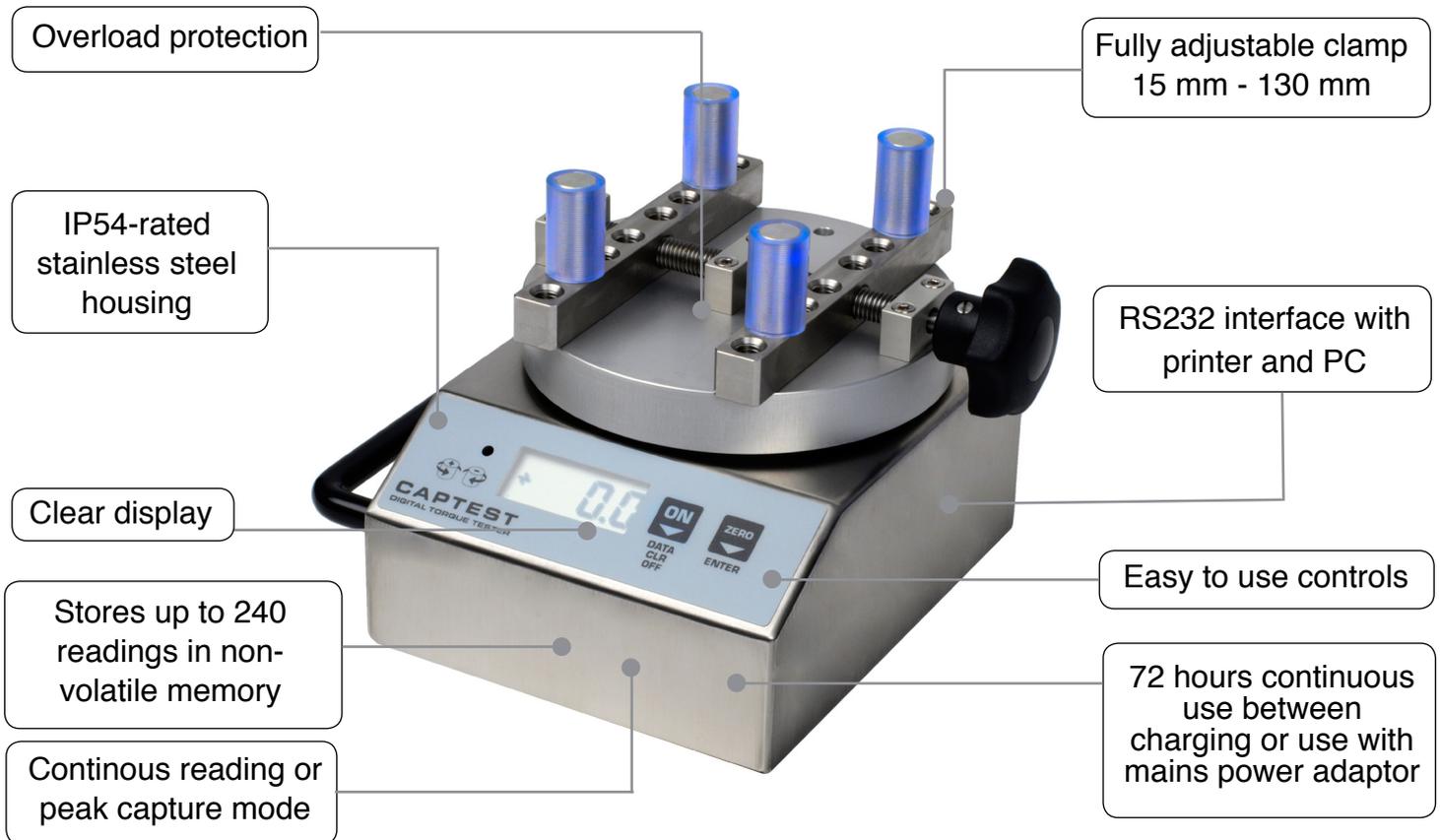


# Mecmesin

testing to perfection

## CAPTEST Digital Torque Tester

The CAPTEST is a tough and affordable manual torque tester, measuring torque up to 5 N.m in clockwise or anticlockwise directions. It can be combined with a printer or statistical mini-processor for regular, repetitive testing of screw-top closures.



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## Features

**CAPTEST** is used to measure and record the torque required for the opening and closing of screw-caps. It will display peak torque applied in clockwise and anticlockwise directions.

The RS-232 connection allows readings to be sent to a printer (e.g. EPSON P40) or statistical processor, individually or by batch. Up to 240 readings at a time can be stored in the **CAPTEST**.

Combined with a Mitutoyo DP-1VR mini-processor, results can be analysed and compared with tolerance criteria for pass/fail indication.

The IP54-rated stainless steel housing and the robust construction of the clamping fixture guarantee continuous and reliable operation in laboratory and tough production environments.

The built-in rechargeable battery, in combination with the latest power-saving technology, enables extended operation, independent of a mains supply. In continuous operation, a minimum 72 hours operating time can be achieved. Automatic shut-off occurs if the device is not used for a period of about 2 minutes, enabling the device to operate for days without charging. When the battery charge is low, the display will show 'BAT'; further discharge is protected by automatic shutdown.

The **CAPTEST** can be operated in continuous-reading mode, or to capture peak torque values.



**CAPTEST** with Mitutoyo statistical printer

## Specifications

Measurement range	0 - 5 N.m (0 - 44.2 lbf.in) clockwise or anticlockwise
Peak measurement	From 0.2 N.m - 5 N.m (1.8 lbf.in - 44.2 lbf.in)
Display resolution	0.01 N.m (0.01 lbf.in)
Container diameter	15 - 130 mm
Load units	N.m, lbf.in
Sampling rate	250 Hz (continuous mode), 8 Hz or 60 Hz (peak capture, user selectable)
Load accuracy	±1% of full scale
Overload	Mechanical end-stop protection to min. 200% full scale.
Weight	2.3 kg (5.1 lb)
Electrical isolation	III (SELV) IEC 536/DIN VDE 0106
Dimensions	180 mm (w) x 170 mm (d) x 150 mm (h)
Part No.	876-108

Mecmesin reserves the right to alter equipment specifications without prior notice. E&OE



FS 58553



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