

Bottle Cap Torque Tester

A Bottle Cap Torque Tester measures the turning effort required to apply or remove a threaded bottle closure. It helps packaging teams check cap tightness, investigate opening difficulties and assess whether closure performance stays within an approved specification. Instead of relying on how tight a cap feels, manufacturers can record a measurement and compare samples under defined conditions.

Specification

- Available configurations: Digital, motorised and computerised.
- Measurement: Bottle cap opening and closing torque.
- Torque capacity: Selected according to the model and testing requirement.
- Measurement units: N·m, lbf·in and kgf·cm, depending on configuration.
- Sample compatibility: Suitable threaded bottles and jars, subject to fixture dimensions.
- Operation: Manual or motor-driven closure rotation.
- Display: Digital torque readout.
- Accuracy and resolution: As specified for the selected model.
- Computer connectivity: Available with the computerised configuration.
- Power requirements: As specified in the model's technical datasheet.



Model: PCBCTT-001

Features

- Measures closure tightening and removal torque.
- Provides numerical readings for comparison with approved limits.
- Adjustable fixtures accommodate compatible container sizes.
- Peak-hold function captures the maximum measured torque.
- Tare function supports zeroing before testing.
- Clockwise and anticlockwise measurement on suitable configurations.
- Upper and lower torque-limit settings on applicable models.
- Motorised variants reduce dependence on manual turning technique.
- Computerised variants support identifiable test records and reporting.
- Supports routine inspection, packaging development and batch comparisons.

Our Valuable Customer



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