Product name:	Product code:
Digital Cap Torque Tester for PET Bottle Closures	CMI-IND-0525

Description

Torque meter that measures application and removal torque of screw caps on PET bottles with a rotating chuck. Used by bottlers and cap suppliers to qualify seals and prevent leaks or tamper band failures.

Technical specification

Standard Accessories

- Cap chucks set
- Rubber bottle clamp

The bottle is held in a rubber-lined clamp and the cap is turned by a motor while peak torque is displayed. Both tightening and opening torque are recorded in N-cm or in-lb. Results help set capping machine pressure and verify consistency across lines.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Torque range 0 to 5 N-m with peak hold
- Rubber-lined bottle clamp avoids slipping
- Motorised constant speed rotation
- Unit selection of N-cm, N-m and in-lb
- Adjustable cap chucks for 28 to 63 mm diameters

Technical Specifications

Test standards	ASTM D2063 (removal torque of closures), ASTM D3474 (torque tester calibration)
Torque range	0 to 5 N-m
Accuracy	+/-1 percent of reading
Resolution	0.001 N-m
Closure size	20 to 63 mm
Bottle height	Up to 350 mm
Display	Digital LCD
Power supply	230 V AC, 50 Hz