

KASON-CTT20 Cap Torque Tester



Instrument Overview

The cap torque tester is an intelligent metering instrument designed and developed for measuring various torques. It is specially used to detect the torque required for opening or tightening bottle caps, and can also measure the torque of products such as automobile rearview mirrors, door and window wrenches, and contact lens cases through special fixtures.

Technical Features

- Microcomputer control and LCD display
- Continuous collection of test data with automatic peak hold function
- Dual-mode design for locking force and opening force measurement
- Test results displayed in standard units, no manual conversion required
- Configurable test times, with data deletion and statistical functions
- Power-off memory for test parameters
- Automatic zero reset, intelligent fault prompt and overload protection
- Compact size, easy operation, reliable performance and fast testing
- Interconversion between N.m, kg.cm and lb.in
- Optional functions: test data print output and computer communication

Testing Applications

Application Category	Applicable Objects	Description
Basic Application - Bottled Containers	Bottled food, pharmaceutical products (threaded connection)	Torque testing for locking and opening of caps of beverage bottles, medicine bottles, etc.
Basic Application - Hose Packaged Products	Hose-packaged food, pharmaceuticals, cosmetics (threaded connection)	Torque testing for locking and opening of caps of eye drop bottles, hand cream tubes, shoe polish tins, etc.
Extended Application - Threaded Fasteners	Nuts and bolts	Torque testing for locking and opening of nuts and bolts
Extended Application - Insulated Products	Vacuum flasks, insulated mugs (threaded connection)	Torque testing for locking and opening of caps of vacuum flasks and insulated mugs

Main Specifications

Item	Specification of KASON-CTT20 Torque Tester
Range	20 Nm (standard); 5, 10, 40 Nm (optional)
Accuracy	Grade 1
System Resolution	0.001 N.m
Display Unit	N.m, kg.cm, lb.in (free switching)
Clamping Range	Φ25 mm ~ Φ170 mm (diameter)
Statistical Quantity	99 pieces
Dimensions	330 mm (L) × 200 mm (W) × 200 mm (H)
Power Supply	220VAC 50Hz / 120VAC 60Hz
Net Weight	15 kg
Remarks	Customized production is available within our capability to meet special user requirements

Product Configuration

Standard Configuration: Main unit, micro printer, fixtures

Optional Parts: Professional software, communication cable

FOCUS IN MATERIAL TEST

KASONTTEST®

JINAN KASON TESTING
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | W: www.syjlab.com

