Product name:	Product code:
Torsion Spring Torque Testing Machine	CMI-IND-0319

Description

Measures torque versus angle for torsion springs and clock springs, giving torque at set angle and spring rate. Used in hinge, switch and automotive component industries.

Technical specification

- Arbor set
- Leg clamp
- Torque calibration arm

The spring leg is held at an arm while a servo motor rotates the opposite arbor through a programmed angle. A torque sensor records the reaction, and the curve identifies rate and maximum torque.

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Features

- Servo rotation with angle encoder
- Torque sensor with overload cut-out
- Clockwise and anticlockwise testing
- Arbor sizes to suit spring bore
- Torque-angle graph on display

Technical Specifications

Torque capacity	5 N-m
Torque accuracy	+/-1% of reading
Angle range	0 to 720 deg
Angle resolution	0.1 deg
Rotation speed	1 to 30 rpm
Spring outer diameter	up to 60 mm
Power	230 V AC, 50 Hz
Standards	DIN EN 13906-3, IS 7906 Part 3

Standard Accessories