Product name:	Product code:
Digital Torque Tension Test Machine for Fasteners	CMI-IND-0412

Description

Torque-tension bench that tightens a bolt while measuring torque and clamp force simultaneously to find the nut factor. Used by fastener coaters, automotive assemblers and joint design engineers.

Technical specification

- Washer load cell
- Bolt adapter set
- Software with report template

A bolt is tightened through a load washer sensor with an inline torque transducer so that torque, tension and angle are logged together. The coefficient of friction on threads and under the head is calculated for coated and lubricated fasteners.

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Features

- Inline rotary torque and angle transducer
- Washer load cell for direct clamp force measurement
- Servo motor tightening drive with speed control
- Automatic calculation of K factor and friction values
- Interchangeable bolt and nut holders

Technical Specifications

Torque range	0 to 1000 N-m
Clamp force range	Up to 300 kN
Tightening speed	1 to 30 rpm
Torque accuracy	+/- 0.5 percent
Angle resolution	0.1 degree
Bolt size	M6 to M30
Standards	ISO 16047, DIN 946, IS 1367 Part 6
Power	415 V, 3 phase, 50 Hz

Standard Accessories