Product name:	Product code:
Wire Torsion and Spring Wire Tensile Testing Machine	CMI-IND-0320

Description

Bench machine for tensile and torsion tests on spring steel wire from 0.5 to 6 mm. Used by wire drawers and spring makers to verify wire strength and ductility before coiling.

Technical specification

- Capstan grips
- Torsion chucks
- Wire straightening jig

One head performs tensile tests with wire grips and a torsion test with rotating chucks until fracture. Twist count and tensile load are shown digitally, with the results compared to the wire standard.

Features

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- Combined tensile and torsion operation
- Capstan-type wire grips
- Turn counter with fracture stop
- Variable speed
- Digital load display

Technical Specifications

Tensile capacity	20 kN
Load accuracy	+/-1% of reading
Wire diameter	0.5 to 6.0 mm
Torsion speed	10 to 120 rpm
Gauge length	100 to 300 mm
Turn counter	up to 9999 turns
Power	415 V, 3 phase, 50 Hz
Standards	ISO 6892-1, ISO 7800, IS 4454

Standard Accessories