Product name:	Product code:
Universal Tensile Testing Machine for Metals 600 kN	CMI-IND-0310

Description

Servo-hydraulic universal testing machine for tension, compression and bend tests on steel bars, plates and fasteners. Used in foundries, rolling mills and structural steel QC labs to determine yield, UTS and elongation.

Technical specification

Standard Accessories

- Round and flat wedge grips
- Compression platens
- Bend test fixture

This 600 kN universal testing machine determines the tensile and compressive properties of rebar, structural sections and machined components. A closed-loop servo valve gives smooth control of load and stroke rates required by metal test standards.

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

Features

- Four-column rigid load frame with hydraulic grips
- Closed-loop control of load and crosshead rate
- Class 1 load measurement per ISO 7500-1
- Computer software with yield, proof stress and elongation reports
- Overload and limit-switch protection

Technical Specifications

Capacity	600 kN
Load accuracy	+/-1% of reading from 2% to 100% of capacity
Test space (between columns)	500 mm
Max daylight (tension)	750 mm
Piston stroke	200 mm
Round specimen grip range	10 to 40 mm
Flat specimen grip range	0 to 30 mm thickness
Power	415 V, 3 phase, 50 Hz, 3 kW
Standards	IS 1608, ASTM E8/E8M, ISO 6892-1