Product name:	Product code:
Universal Tensile Tester for Plastic Films 500 N	CMI-IND-0139

Description

Table-top universal testing machine with film grips for measuring tensile strength, elongation and modulus of plastic and laminated films. Used by film extruders and laminators for QC and R&D.

Technical specification

- Pneumatic grips
- Strip cutter 15 mm
- Software

Strips of film are gripped in pneumatic or manual jaws and stretched at set speed while the load cell records force and displacement. The results give tensile strength at break, yield and elongation, which indicate how well a structure will convert and perform in use. Software provides graphs and batch reports.

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Features

- 500 N load cell with accuracy class 0.5
- Pneumatic film grips with rubber faces
- Speed 1 - 500 mm/min
- Large 500 mm travel with optional extensometer
- PC software with curve and statistics

Technical Specifications

Capacity	500 N
Accuracy	+/- 0.5 % of reading
Speed Range	1 - 500 mm/min
Crosshead Travel	approx. 500 mm
Specimen Width	15 mm or 25 mm
Standards	ASTM D882, ISO 527-3, IS 2508
Power Supply	230 V AC, 50 Hz
Dimensions	approx. 450 x 400 x 950 mm

Standard Accessories