Product name:	Product code:
Universal Testing Machine for Rigid Plastics 50 kN	CMI-IND-0170

Description

Electromechanical UTM with extensometer for tensile, flexural and compression testing of plastics. Used for QC of injection moulded and extruded rigid plastic materials and finished components.

Technical specification

- Wedge grips
- Flexural fixture
- Extensometer
- Software

The machine loads dumbbell or bar specimens at standard speeds while strain is measured by an extensometer, giving tensile strength, modulus and elongation. Three-point flexural fixtures extend the use to bend tests. A rigid twin-column frame ensures accuracy at low strain measurements.

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Features

- 50 kN load cell with accuracy class 0.5
- Clip-on extensometer for modulus
- Speed 0.001 - 500 mm/min
- Servo drive with limit switches
- Windows software with test reports

Technical Specifications

Capacity	50 kN
Accuracy	+/- 0.5 % of reading
Speed Range	0.001 - 500 mm/min
Crosshead Travel	approx. 1000 mm
Standards	ISO 527-1/-2, ASTM D638, ISO 178, ASTM D790
Power Supply	230 V AC, 50 Hz
Dimensions	approx. 750 x 500 x 1800 mm

Standard Accessories