Product name:	Product code:
Three Point Flexural Modulus Tester for Plastics	CMI-IND-0169

Description

Bench-top flexural tester using three-point loading to measure flexural strength and modulus of rigid plastics. Used for moulding material grading and for plastics compound development in factory labs.

Technical specification

- Support rollers
- Loading nose
- Software

A rectangular bar on two supports is loaded at its centre at constant rate until yield or 5 percent strain, and flexural modulus and strength are computed from the deflection. Adjustable span suits bars of different thickness. A smaller load frame makes it economical for plastics labs that do not require tensile testing.

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Features

- Load cell 5 kN with digital deflection sensor
- Adjustable span 16:1 ratio
- Speed 1 - 50 mm/min
- Roller support rings
- Software calculating modulus

Technical Specifications

Capacity	5 kN
Accuracy	+/- 0.5 %
Span	40 - 100 mm adjustable
Speed	1 - 50 mm/min
Deflection Resolution	0.001 mm
Standards	ISO 178, ASTM D790
Power Supply	230 V AC, 50 Hz

Standard Accessories