Product name:	Product code:
Melt Flow Index Tester with Digital Timer	CMI-IND-0166



Description

Extrusion plastometer that measures the melt flow rate of thermoplastics under a standard load and temperature. Used by resin producers, moulders and incoming inspection labs for grade verification.

Technical specification

Barrel	9.55 mm bore, 115 mm long
Standards	ISO 1133, ASTM D1238, IS 2530
Power Supply	230 V AC, 50 Hz

Standard Accessories

- Weight set
- Piston
- Cleaning kit
- Die cleaning tools

Polymer granules are melted in a heated barrel and extruded through a standard die under a dead weight, and the extrudate cut at set intervals is weighed. MFR in g/10 min indicates molecular weight and moulding behaviour. The unit holds temperature accurately for PE, PP, PS, ABS and PC grades.

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Features

- PID temperature control up to 400 deg C
- Automatic piston cutter option
- Weights 0.325 to 21.6 kg
- Hardened steel barrel with 9.55 mm bore
- Digital timer for cutting intervals

Technical Specifications

Temperature Range	Ambient to 400 deg C
Temperature Accuracy	+/- 0.2 deg C
Die	2.095 mm bore x 8 mm length
Load Range	0.325 - 21.6 kg