Product name:	Product code:
Melt Flow Index Tester for Injection Molding Grades	CMI-IND-0206

Description

Extrusion plastometer that measures melt mass-flow rate and melt volume-flow rate of thermoplastic molding compounds. Used by injection molders and resin QC labs to verify batch consistency before production runs.

Technical specification

- Standard die and piston
- Cleaning kit
- Set of weights
- Cutting tool

This melt flow index tester gives molders a quick check of incoming pellets and regrind. A PID-controlled barrel holds temperature within a narrow band while a calibrated weight pushes the melt through a standard die. Results are used to set injection pressure and cycle time.

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Features

- PID controlled barrel up to 400 deg C
- Interchangeable dead weights from 0.325 to 21.6 kg
- Automatic cut-off timer with digital display
- Stainless steel barrel with hardened die
- Suitable for PP, PE, PS, ABS, PA and PC

Technical Specifications

Test Standards	ASTM D1238, ISO 1133, IS 2530
Temperature Range	Ambient + 20 to 400 deg C
Temperature Accuracy	+/- 0.5 deg C
Barrel Bore	9.55 mm +/- 0.025 mm
Die	2.095 mm bore, 8 mm long
Weights	0.325, 1.2, 2.16, 3.8, 5, 10, 21.6 kg
Display	Digital PID temperature controller
Power	230 V AC, 50 Hz, 1 phase

Standard Accessories