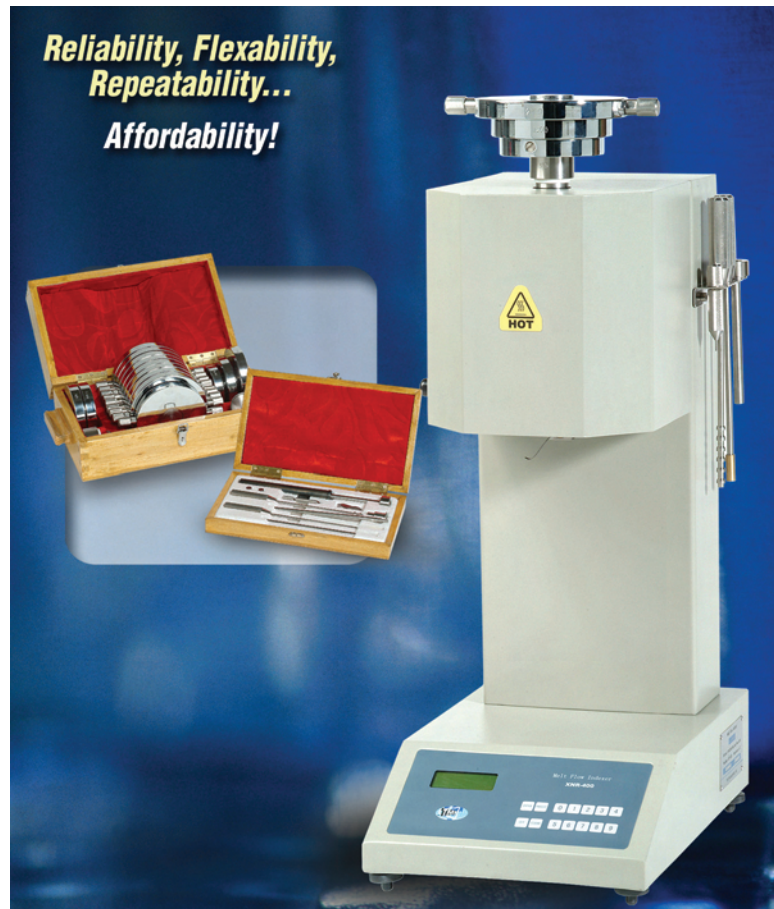


MELT FLOW INDEXER TESTER

46-01-00



MELT FLOW INDEXER WITH AUTO CUT-OFF FEATURE

TMI's Melt Flow Indexer is a NEW and AFFORDABLE tabletop instrument that tests the melt flow resistance (MFR) of a wide range of thermoplastics. The tester conforms to all National and International melt flow resistance standards, including BS EN ISO 1133 and ASTM D1238. Any temperature within 120°C-450°C (248°F-842°F) can be accurately controlled.

R&D Quality at QA Prices

The user-friendly Melt Flow Indexer combines the high accuracy and precision essential for quality control and R&D.

High Accuracy

The built-in microprocessor maintains temperature control to within $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$), with rapid ramp-up to set point. Extruded material is automatically cut-off by the built-in scraper mechanism at preset intervals, controllable to ± 0.01 seconds.

Easy to Use

The clear multi-line LCD display and tactile-feedback membrane keypad allow fast, accurate input of test parameters and provide continuous display of settings during testing.

Out-of-the-Box Operation

Testing melt flow resistance has never been so economical or easy to do! The Melt Flow Indexer is supplied complete with spare barrel and

die, plus all the accessories and weights necessary for maintenance and operation. Nothing else to buy—just plug it in and start testing!

Features

- Built-in microprocessor maintains temperature control to within $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$), with rapid ramp-up to set point.
- Temperature fluctuation is $\pm 1\%$ of set temperature.
- Extruded material automatically cut-off by built-in scraper mechanism at preset intervals, controllable to ± 0.01 seconds.
- Clear multi-line LCD display and tactile-feedback membrane keypad allow fast, accurate input of test parameters and provide continuous display of settings during testing.

Temperature Control Range:

120°C - 450°C (248°F - 842°F)

Temperature Accuracy:

$\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$)

Standards

- Meets BS EN ISO 1133, ASTM D1238 Method A

The Melt Flow Indexer is supplied with all the accessories and weights necessary for maintenance and operation. Nothing else to buy!



Included Weights: Quantity Size

- 1 600g
- 1 875g
- 1 960g
- 1 1000g
- 1 1200g
- 1 1640g
- 8 2000g

Included Accessories: Quantity

- 2 Piston Rods
- 2 Tungsten Carbide Dies
- 1 Die Ejector
- 3 Replacement Cut-Off Knives
- 1 Cleaning Tool
- 1 Charging Tool
- 1 Level Meter
- 1 Guide Bushing
- 1 Filling Funnel
- 2 Cylinders
- 1 Die Cleaning Tool

SPECIFICATIONS

Model	46-01-00
Temperature Accuracy	±0.2°C (±0.4°F)
Temperature Control	120°C-450°C (248°F-842°F) can be accurately controlled
Instrument Dimensions W x D x H	26 cm x 40 cm x 63 cm 10.2 in x 15.7 in x 24.4 in
Weight	27 kg (60 lb.)
Electrical Requirements	110/220 50/60 Hz (Please Specify)
BS EN ISO 1133	Plastics -- Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics
ASTM D1238 Method A	Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer

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