



MELT FLOW INDEXER MFI-100B

STANDARDS

ISO1133, ASTM D1238 METHOD A & B

Melt Flow Indexer MFI-100B is a bench top instrument that tests the melt mass-flow rate (MFR) and melt volume flow rate (MVR) of a wide range of thermoplastic raw materials, in the form of granules, strips of film etc. This test method is particularly useful for quality control tests on thermoplastics.





HIGH ACCURACY

The built-in microprocessor maintains temperature control to within $\pm 0.5^{\circ}\text{C}$, with rapid ramp-up to the set point. Extruded material is automatically cut off by the built-in scraper mechanism at preset intervals, controllable to ± 0.1 second.

TECHNICAL SPECIFICATIONS

- ❖ Operating temperature: 120°C -- 450°C
- ❖ Temperature control accuracy: $\leq 0.5^{\circ}\text{C}$
- ❖ Temperature display resolution: 0.1°C
- ❖ Temperature rising time: < 30 min
- ❖ Power supply: 120V/60Hz or 220V/50Hz
- ❖ Cut-off the extrusion automatically
- ❖ Multi-line LCD display and tactile-feedback membrane keypad allows fast, accurate inputting of test parameters and providing continuous display of settings during testing
- ❖ Built-in mini printer is used for printing MVR result



STANDARD ACCESSORIES AND WEIGHTS

Accessories	Qty	Weights	Qty
Piston Rod	1	600g	1
Die	1	875g	1
Die Cleaning Tool	1	960g	1
Cut-off knife	1	1000g	1
Cleaning Tool	1	1200g	1
Charging Tool	1	1640g	1
Lever Meter	1	2500g	2
Guiding Bushing	1	5000g	2
Funnel	1		
Cylinder	1		