

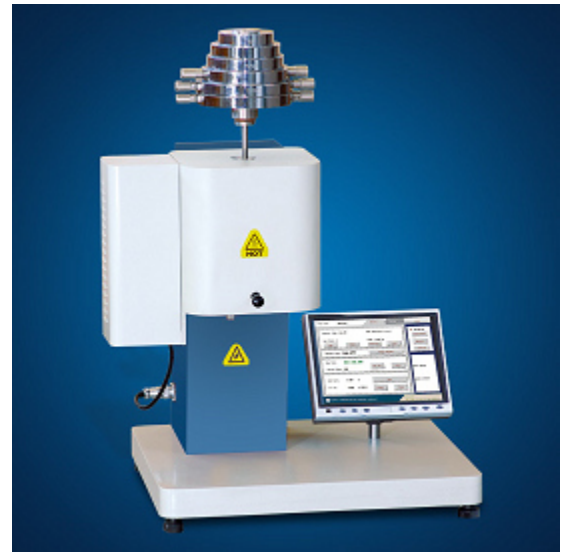


MELT FLOW INDEXER MFI-100C2

STANDARDS

ISO1133, ASTM D1238 AND GB/T 3682 METHOD A

Melt Flow Indexer MFI-100C2 is a new and affordable tabletop instrument that tests the melt mass-flow rate (MFR) 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. MFR will be found particularly useful when comparing materials of different filler content and when comparing filled with unfilled thermoplastics.





FEATURES

DISPLAY

The clear multi-line Touch screen allow fast, accurate input of test parameters and providing continuous display of setting during testing.

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.

EASE TO OPERATE

Testing Melt Flow Rate has never been so economical or easy to do! The tester is supplied completely with the accessories and weights necessary for maintenance and operation. Nothing else to buy--just plug it in and start a test.



TECHNICAL PARAMETERS

- ❖ 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: 220V/50Hz or 110V/60Hz

SOFTWARE

Software has the functions of setting parameters, constant temperature control, cutting sample, calibration, setting test time, displaying test datum & result, calculating melt density, as well as checking & printing test datum. Password verification is necessary for few main operations in case of mishandling.

MFI-1000C2 (MFR ONLY)

It allows for testing the **melt mass-flow rate (MFR)** according to the standards ASTM D1238, ISO1133 method.