Melt Flow Indexer 2322

This type of Melt Flow Indexer is a new and affordable tabletop 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. MVR will be found particularly useful when comparing materials of different filler content and when comparing filled with unfilled thermoplastics. The MFR can be determined from MVR measurements provided the melt density at the test temperature and pressure is known.

The tester is far superior to all national and international standard of Melt Flow Rates requirements, including ISO1133, ASTM D1238 and GB/T 3682 method A & B.

High Accuracy

The built-in microprocessor maintains temperature control to within ± 0.2℃, with rapid ram-up to the set point. Extruded material is automatically cut off by the built-in scraper mechanism at preset intervals, controllable to ± 0.1seconds.

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.

For more sophisticated data collection, it works with JJ-TEST DMS software, which can store an unlimited amount of test results and generate desired test reports.

Technical parameters:

1) Test Method:	MFR&MVR
2) Measuring range:	(0.1～100)g/10min /(1～150)cm³/10min
3) Display method :	Full color touch screen
4) Cut material:	Auto
5) Timing accuracy:	0.01S

6) Temperature control range:	(100～450)℃
7) Temperature control:	≤0.2℃
8) Weights loading method:	Motorized
9) Displacement measuring accuracy:	±0.1mm
10) Temperature resolution:	0.1℃

User interface

The basic instrument has a wide color touch screen for a simple and fast input of the test parameters, visualization of test execution and final results. Test results can be directly saved or exported with the SW via USB port..

MFI-2322 (MFR &MVR)



It allows for testing the **melt mass-flow rate (MFR) and melt volume-flow rate (MVR), Melt density test** according to the standards ASTM D1238, ISO1133.

Motorized weights loading and unloading.

The clear multi-line Touch screen allow fast,accurate input of test parameters and providing continuous display of setting during testing, with the additional function of printing the test result by PC software