

GBB-R Melt Flow Indexer



Application

GBB-R Melt Flow Tester is to test the melt flow rate (MFR, unit: g/10min) of thermoplastic material in high temperature, such as polyethylene, polystyrene, polypropylene, ABS resin, polyformaldehyde resin, polycarbonate, nylon, and fluoroplastic etc, widely used in industries of plastic material, plastic products, petroleum, chemicals, research institute, inspection agency and so on.

Standards

GB/T 9643, GB/T3682, JG/T5456, ISO1133

Features

- ◆ Touch screen can display test data.
- ◆ Can adjust the times and interval time of melt cutting.
- ◆ Automatic and manual cutting modes
- ◆ Temperature calibration is simple.

Specifications

Item	Technical parameters
Test method	melt-mass flow rate method (MFR); melt-volume flow rate method (MVR)
Test range for MFR method	0~200g
Test range for MVR method	0~80cm ³
Test accuracy of mess	0.1g
Auto test timing	0.1~999.9s
Temperature range	room temperature ~ 300 °C
Temperature accuracy	± 0.1 °C
Temperature fluctuation	1 °C
Displacement accuracy	0.1mm
Material barrel temperature recovery	≤ 4min
Cutting mode	automatic timed cutting (0.1 ~ 999s)
Diameter of inside die	Φ2.095 ± 0.005mm
Diameter of material barrel	Φ9.550 ± 0.025mm
Standard load	3.187~211.82N (eight grades), load accuracy ≤ ±0.5%
Power	1000W
Power supply	220V 50Hz
Instrument size	450mm x 200mm x 550mm, 450mm×200mm×320mm

Configuration List

A、 Spare parts						
NO.	Name	Remark				Quantity
1	Power cable	3*0.75 10A 1.8M				1 PC
2	Wooden box					1 PC
3	Weight	875g、960g、1200g、 1640g、 2500g、 4100g、5000g(2pcs)				8PCS
4	Funnel					1 PC
5	Charging rod					1 PC
6	Die ejector rod					1 PC
7	Allen wrench					1 set
8	Cross screwdriver	6-10mm				1 PC
B、 Optional parts						
1	Power supply	500W	220V	10A	3-hole socket	ground wire

Note: GBPI is always committed to product innovation and improved performance, so accordingly product technical specifications are subject to change without notice. GBPI reserves the right to amend and the final power of interpretation.