

Melt Flow Indexer (Touch Screen)

Brand: JNG

Model: JG-400DT



(Photo for reference only)



Product Introduction

The melt index meter meets the standard requirements of GB/T3682-2000. The main parameters of the melt index meter also meet the requirements of ISO1133-97, ASTM1238, JIS and other standards. It can be used for polyethylene, polypropylene, polystyrene, ABS, poly Measure the melt mass flow rate (MFR) or melt volume flow rate (MVR) of various plastic materials such as amide, fiber resin, acrylic ester, polyoxymethylene, fluoroplastics, polycarbonate, etc., widely used in plastic production , Plastic products, petrochemical industries and related colleges, research institutes and commodity inspection departments.

Product Features

- ✓ High-precision Chinese and English color controllers, specially customized membrane buttons, have unparalleled advantages in control accuracy and service life
- ✓ The manual and automatic cutting are integrated control, accurate to 0.1s, and the cutting time and cutting times can be set arbitrarily.
- ✓ Built-in micro printer, which can print test data
- ✓ Dual temperature control system, using double imported heating coils and double imported PT100 platinum resistance sensors to improve test accuracy and temperature stability.
- ✓ Increase the displacement sensor, can test MVR (volume method), the accuracy is 0.01mm.
- ✓ The volume method test does not need to be cut, and the test result can be directly output
- ✓ The density value of the material at a specific temperature can be calculated by the ratio of the volume method and mass method 2.8 It can be connected to the computer via USB, and the test conditions can be set on the computer through the software, and the data can be printed and stored (optional)

Test Method

Mass method, volume method (MFR, MVE).

Display Mode

Color touch screen display.



Main Technical Parameters

Parameters	JG-400DT
Temperature Range	0°C-450°C
Temperature Fluctuation	±0.2°C
Temperature Uniformity	±1°C
Temperature Display Resolution	0.1°C
Time Display Resolution	0.1s
Die Diameter	∅2.095±0.005mm
The Length of the Discharge Port	8.000±0.025mm
The Diameter of the Charging Cylinder	∅9.550±0.025mm
Weight Accuracy	±0.5%
Displacement Measurement Accuracy	0.01mm
Volume Method Timing Accuracy	0.001S
Displacement Measurement Encoder	Omron Photoelectric Rotary Encoder
Quality Method Test Range	0.1 – 150g / 10min
Volume Method Test Range	50 – 5000cm ³ / 10min
Output Mode	Micro Automatic Printout
Cutting Method	Manual and Automatic Cutting in one
Test Load	A full set of eight-level weights
Power Supply Voltage	AC220V±10% 50HZ

Configuration

No	Parts	Unit	Quantity	Remark
1	Mainframe	Set	1	With Printer
2	Weight	Each 1 set	Total 8 grades: 0.325kg, 1.200kg, 2.160kg, 3800kg, 5000kg, 10000kg, 12000kg, 21.600kg	Within 1 st load



3	Weight Tray	Piece	1	
4	Piston Rod	Piece	1	Within 1 st load
5	Die	Piece	1	Tungsten Carbide
6	Loading Hopper	Piece	1	Stainless Steel
7	Loading Rod	Piece	1	
8	Barrel Cleaning Rod	Piece	1	
9	Die Cleaning Rod	Piece	1	Stainless Steel
10	Gauze	Roll	2	
11	Printer Paper	Roll	2	

