

Melt Flow Indexer

Brand: JNG

Model: JG-5005A



(For reference only)

Product Description

- The melt flow rate instrument of improved type, increased many functions, like configuration, the use life of the instrument, the operation convenience, the test accuracy with the domestic general melt flow rate instrument incomparable advantages and cost-effective.
- The melt flow rate tester is with table structure; the design is stable and reliable; the appearance is beautiful and the operation is convenient. The high precision control instrument has the characteristics of high sampling accuracy and fast control speed. The fuzzy PID algorithm is used for constant temperature control.



Standard

- ISO 1133,ASTM D1238,GB/T3682 'JIS K7210,BS2782

Product Usage

- The melt flow indexer is suitable for measuring melt mass flow rate (MFR) and melt volume flow rate (MVR) of plastic materials such as polyethylene, polypropylene, polystyrene, ABS, polyamide, fiber resin, acrylic, POM, fluorine plastic, polycarbonate.
- It is widely used in plastic production, plastic products, petrochemical industries and related institutions, research institutes and inspection departments.

Features

- The results can be automatically transformed into each other, which has the function of melt density testing, and has the automatic loading device. A machine can timing, cutting, loading, printing.
- Control software can achieve the setting of the parameters, constant temperature control, cutting, measurement calibration, automatic loading weights, timing, MFR and MVR results showing, the calculation of the melt density, enquiring and outputting of test data. To prevent incorrect operation, part of the important operation need to use password authentication.
- 7 inch full color touch screen, in the English and Chinese language interface.
- The heating rate is fast, the overshoot is small, the temperature is high, and the temperature can be quickly restored after the filling. Has the upper limit temperature protection, constant temperature sound prompt, reply time sound prompt and so on function.
- By setting, automatic identification of ASTM standard, ISO standard, national standard test interval.
- The MVR value of the specified time sample can be determined by using the volume method, and the MFR value is obtained after weighing the samples, and the results are compared with the test results of the quality test.
- The system has the function of testing parameters, and can store the quality method and volume method of the eight groups of test parameters.
- The maximum temperature is up to 450~500 degrees (matching, the need for special instructions)
- Can be a long time to test a strong corrosive plastic and non-destructive instrument accuracy, such as the whole system of fluoride plastic (special materials, please specify when ordering) (Please note that when the material is special, please specify the order.) Domestic only our company have this technology.



Technical Specifications

Model	JG-5005A
Extrusion Part	<ul style="list-style-type: none"> • Outlet diameter: 2.095mm in diameter and 0.005mm, outlet length: 8 + 0.025mm • Charging cylinder diameter: 9.550mm in diameter and 0.025mm cartridge, length: 152 + 0.1mm • Piston rod diameter: 9.475 + 0.015mm, Piston rod head length: 6.350 + 0.100mm
Standard Test Load	A total of 8 sets of weight
The Temperature Range	Conventional room temperature – 400 (500 optional)
Constant Temperature Accuracy	0.5
Display Resolution	0.1
Cutting Mode	Optional manual or automatic cutting material
Temperature Recovery Time	Less than 4 minutes
Weight (approx...)	100Kg
Power Supply Voltage	AC220V 10% 50Hz

Accessories

Name	Quantity	Remark
Weight	1 Set - A total of 8 pieces (1# in the 1 level load)	0.325Kg, 1.2Kg, 2.16Kg, 3.8Kg, 5.0Kg, 10.0Kg, 12.5Kg, 21.6Kg
Weight tray	1 Piece	Within 1 levels of load
Hopper	1 Piece	
Die cleaning rod	1 Piece	
Loading rod	1 Piece	
Barrel cleaning rod	1 Piece	
Piston rod	1 Piece	
Die	1 Piece	
Gauze	1 Piece	

