

PLASTÔMETRO (MEDIDOR DE FLUIDEZ)

EIBC- RR Melt Flow Index Tester

Discription:

EIBC-RR melt flow index tester can be used for ABS, polystyrene, polyethylene, polypropylene, polyamide, fiber resin, acrylate, POM, fluorine plastic, polycarbonate and other plastic materials, the melt flow rate (MFR) or the melt volume flow rate (MVR) to be determined.

Standards: GB/T3682-2000,ISO1133-97, ASTM1238

Characteristics:

1. Fast heating speed, very small overshoot.
2. High precision of constant temperature.
3. Can fastly recover to constant temperature condition after padding.
4. Can use manual and automatical material trimming test method.
5. LCD display, equipment with built-in micro printer, test result can be printed automatically.

Parameter:

Machine size	(W*H*D) 250*510*350mm
Power	AC220V±10% 60Hz
Barrel parameters Inner hole	9.55±0.025mm
Pistons parameters Piston head	9.475±0.015mm
Piston length	H=6.35±0.1mm
Parameters Extrusion hole	1=2.095±0.005mm
Temperature parameter	With intelligent temperature control instrument, with four pairs of significant temperature setting control, PID parameters can be automatically set, precision up to ± 0.1 degree centigrade
Temperature rangeradius	400°C
Temperature accuracy blade to jawand dust collector	±0.2 °C
Display resolution	0.1°C
Maximum power comsuption	< 600W
Temperature recovery time	less than 4 min.

Weight parameters

Weight accuracy	±0.5%
Basic configuration	0.325kg, 1.kg, 2.1kg, 3.kg, 5.kg, 10.0kg, 12.kg, 21.6kg

Position detection

Loop distance from up and down	30mm
Control precision	± 0.1mm

Test flow control

Times of cutting the material	0~10 times
Material cutting interval	0~999s(set reference Table 2)

Control flow reaches the set temperature without volatility

Barrel temperature time	15 min.
Material be installed	1 min
Material sample temperature recovery time	4 min.
When binder set	1min





Accessories:

No.	Name	Unit	Quantity	Remark
1	Main machine	Set	1	
2	Weights	Group	1	8 pcs (weight No.1 grouped in grade1)
3	Weight tray	PCS	1	(grouped in weight grade1)
4	Hopper	PCS	1	
5	Dies cleaner	PCS	1	
6	Loading rod	PCS	1	Assembling unit

7	Charging cleaner barrel	PCS	1	Assembling unit
8	Piston rod	PCS	1	(grouped in weight grade1)
9	Dies	PCS	1	
10	Manual	Copy	1	
11	Packing list	Copy	1	

Net weight:

Machine host	20KG.
Tool box	25kg
Package	Plywood pallet box
Gross weight	70kg
Packing size	61*75*50cm (W*H*D)