



UP-6181 Melt Index Tester



Discription:

UP-6181 melt flow rate testing instrument 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.

Standard:

GB/T3682-2000,ISO1133-97, ASTM1238

Technical parameter:

Model	UP-6181
Barrel parameters	Inner hole $9.55\pm0.025\text{mm}$
Pistons parameters	Piston head: $9.475\pm0.015\text{mm}$
Piston length	$H=6.35\pm0.1\text{mm}$

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 range	80degree centigrade~400degree centigrade
Temperature accuracy	±0.2 degree centigrade
Display resolution	0.1degree centigrade
Maximum consumption	< 600W
Temperature recovery time	less 4 min.
Weight parameters are as follows:	
Weight accuracy	±0.5%
Basic configuration	A 0.325kg (including binder bar)
	B 1.2kg、
	C 2.16kg
	D 3.8kg
	E 5.0kg
	F 10kg
	G 12.5kg
	H 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