

MFI(Melt Flow Index Tester)

According to ISO 1133, ASTM 1238

Specifications

Test temperature°C	300 to 600 in increments of 0.1 K	
Increase in the temperature range up to 450 °C	●	
Temperature regulating accuracy	1 K at the nozzle	
0.325-kg load weight	○	
1.200-kg load weight	○	
2.160-kg load weight	●	
3.800-kg load weight	○	
5.000-kg load weight	●	
10.000-kg load weight	○	
11.600-kg load weight	○	
Automatic cutting device	●	
Thermal Printer	●	
Permissible ambient temperature °C	+5 to +30	
Permissible relative humidity	Max. 70%, non-condensing	
Width mm	250	
Depth mm	510	
Height mm	350	
Weight (without weight discs) kg	20	

● Included ○ available/optional

- Fast heating speed
- Two heating zone & 2 thermocouple
- Barrel cleaning tool
- High precision of constant temperature
- Highly polished and hardened barrel
- Compression tool
- SS304 tray
- Barrel filling funnel
- Plexi-glass cover
- Touch display
- Go-no-Go gage
- Die transfer tool
- Upper and down side insulation of the cylinder
- Can use manual and automatic material cutting
- Stepper motor controlled automatic cutter
- USB data out for flash memory
- Separate calibration parameters for up and down side of the barrel
- Barrel Inner hole 9.55±0.025mm
- Die hole 1=2.095±0.005mm
- PID parameters can be automatically set
- Precision up to ± 0.1 degree centigrade
- Display Resolution 0.1°C
- Weight accuracy ±0.5%
- Training video

