

MELT FLOW INDEX TESTER (STANDARD TYPE)

PART NO. MFR-M350-U

- According to ASTM D1238, BS2782, ISO1133
- Suitable for testing plastics: higher melting temperature types (polyarylsulfone, fluoroplastics, nylon, etc.) and lower melting temperature types (polyethylene, polystyrene, polypropylene, ABS resin, polyformaldehyde resin, etc.)
- The barrel uses segmented heating control for precise and rational heat distribution, minimizing temperature gradients throughout the furnace body
- Temperature control system rapid heating, high constant-temperature precision, short post-sample recovery time
- Equipped with upper temp limit protection, constant-temp audio alerts, and recovery time prompts
- 5-inch HD color LCD touchscreen control terminal
- Critical operation password verification prevents accidental errors by operators
- The system includes software supporting parameter setting, temperature control, material cutting, calibration, timing, and calculation of MVR and MFR
- MVR from volumetric testing is auto-calculated by the system post sample weighing and refilling, allowing comparison with mass-based results
- Test data can be viewed and printed directly



operating interface

MFR

Constant Temp.: 190.0 °C

Time Interval: 60.0 s

Cut Times: 4

Load: 5.000 kg

Menu
Setting
Temp.
View

Precut

Status: Idle
INSIZE

MFR test

MVR

Constant Temp.: 190 °C

Time Interval: 60.0 s

Cut Times: 4

Load: 5.000 kg

Temp.
Start
Stop
View

Precut

Status:
INSIZE

MVR test

SPECIFICATION

Measurement range	MFR	(0.1~100)g/10min
	MVR	(0.01~350)cm ³ /10min
Cutting method		automatic cutting
Timing accuracy		0.01s
Temperature control range		(100~450)°C
Temperature indication error		±0.2°C
Temperature recovery time		≤4min
Timer (MPE)		±0.2%
Weight loading method		manual loading
Temperature resolution		0.1°C
Power supply		110V, 60Hz
Dimensions (L×W×H)		10.2×15.7×24.4"
Weight	main	55.1lb
	accessory	55.1lb

STANDARD DELIVERY

Main	barrel 1 pc, guide sleeve 1 pc
Mirror	1 pc
Power cord	1 pc
Accessory box	piston rod 1 pc, 2.095mm die 1 pc, leve 1 pc, cleaning rod 1 pc, feeding pusher 1 pc, die cleaning rod 1 pc, scraper blade 1 pc, feeding funnel 1 pc
Combination weight	weight pan 1 pc, weight cover 1 pc, counter weight 1 pc, 600g weight 1 pc, 875g weight 1 pc, 960g weight 1 pc, 1000g weight 1 pc, 1200g weight 1 pc, 1640g weight 1 pc, 2500g weight 2 pcs, 5000g weight 2 pcs