

## 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

<div> <div>MFR</div> <div> <div>Constant Temp.: 190.0 °C</div> <div>Time Interval: 60.0 s</div> <div>Cut Times: 4</div> <div>Load: 5.000 kg</div> <div>Current Temp.: 25.6 °C</div> <div>Precut</div> </div> <div> <div>Menu</div> <div>Setting</div> <div>Temp.</div> <div>View</div> </div> <div>Status: Idle</div> </div>	<div> <div>MVR</div> <div> <div>Constant Temp.: 190 °C</div> <div>Time Interval: 60.0 s</div> <div>Cut Times: 4</div> <div>Load: 5.000 kg</div> <div>Current Temp.: 190 °C</div> <div>Distance: 0.36 mm</div> <div>Run Time: 2.5 s</div> <div>Finish Times: 1</div> <div>MVR: 4.21 cm<sup>3</sup>/10min</div> <div>Precut</div> </div> <div> <div>Temp.</div> <div>Start</div> <div>Stop</div> <div>View</div> </div> <div>Status:</div> </div>
MFR test	MVR test

### SPECIFICATION

Measurement range	MFR	(0.1~100)g/10min
	MVR	(0.01~350)cm <sup>3</sup> /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