

Standard

ASTMD1238 D3364 · ISO 1133 · GB- T3682

Description

Melt Flow Index Tester can test thermoplastic melt mass flow rate (MFR) and melt volume flow rate (MVR), also known as MI or MFI. The Flow Indexer can perform ISO/ ASTM standards test methods, equip with touch panel that guide user to precisely and smoothly proceed with test. The melt flow tester also has analysis function and flash drive save function.

Optional accessories can be selected according to different materials properties for melt flow testing, such as high flow material block mechanism or MVR volume test mechanism to proceed with various tests.



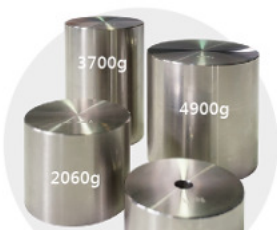
Specification

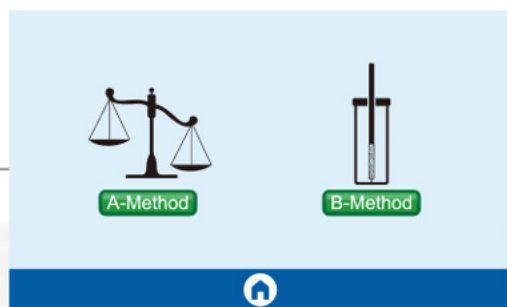
Model	QC-652B	QC-652C	QC-652D	QC-652E
Temperature	50~300℃	50~400℃	50~300℃	50~400℃
Suitable Material	General	General	Corrosion	Corrosion
Test Temperature, T	Maximum allowable deviation from required test temperature			
	At (10±1) mm above the top surface of the standard die		From (10±1) mm to (70±1) mm above the top surface of the standard die	
	125≤ T<250		±0.2℃	
	250≤ T<300		±0.5℃	
	300≤ T		±1℃	
Precise Temp. Calibration	Three temperature points(180,250,300C) and measurement points(10,30,50,70mm)			
Counter accuracy	±0.01s			
Piston push rod weight	100g			
Automatic cut	Interval time 1-300 seconds can be set			
Heat Protection	Standard thermal insulation shield			
Heater size	9.55±0.01mm			
Hole mold	2.095±0.005mm			
Counter weight	Stainless steel 1100g, 2060g、3700g、4900g、9900g、12400g、19900g、21500g (Optional) (rod weight 100g)			
Accessories	Cleaning brush、measuring cups、funnel and Die calibration plug gauge			
Weight	40Kg(machine weight)			
Dimension	47x38x48cm (47x38x60 with MVR part)			
Optional Items	1. Material block mechanism for high MI value. 2. MVR mechanism (for B method) (the machine has built-in A and B method mode, the above items can be installed by user.) 3. Corrosion-resistant heated barrel is optional.			
Power	220 V Single phase 50 Hz/60Hz, 7A			

Accessories

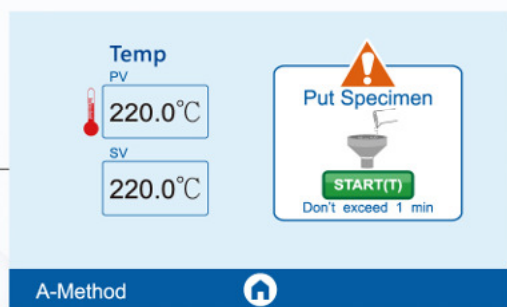


Optional accessories

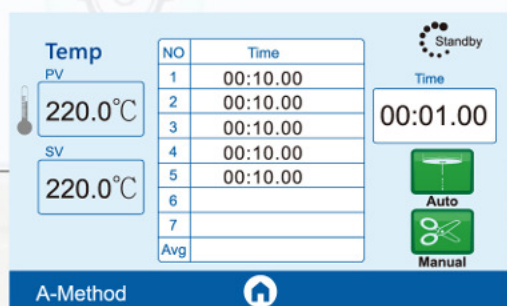




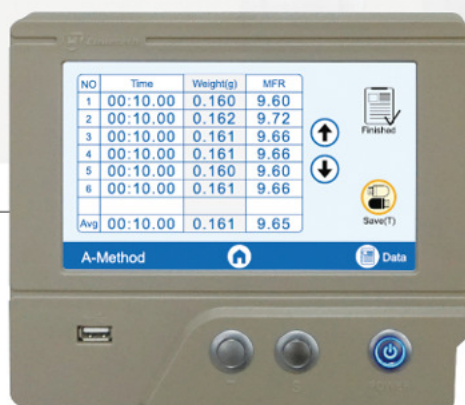
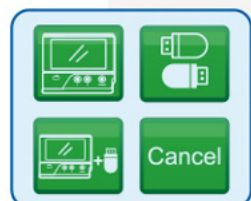
A-Method MFI (Melt Flow Index)
B-Method MVR (Melt Volume Rate)



Set pre-heat time and target temperature ,
put specimen in after reaching target temperature.



Choose Auto cutting or manual cutting



Choose output data to USB or in the machine

