

QC-652S Melt Flow Index Tester

Standard

ASTMD1238 D3364 · ISO 1133 · GB- T3682

Description

This tester can test thermoplastic melt mass flow rate(MFR) and melt volume flow rate(MVR), QC-652S can perform ISO/ASTM standards test methods, equip with touch panel that guide user to precisely and smoothly proceed with test. It also has analysis function and flash drive save function.

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



Specification

Use temperature	50~360°C	
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	±1°C	±2°C
250 ≤ T < 300	±1°C	±2.5°C
300 ≤ T	±1°C	±3°C
Counter accuracy	±0.01s	
Piston push rod weight	100g	
Automatic cut	Interval time 1-300 seconds can be set	
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 accessories	High MI value material block mechanism, MVR test mechanism.	
Power	220 V Single phase 50 Hz/60Hz, 7A	

Accessories



Optional Accessories



Weights

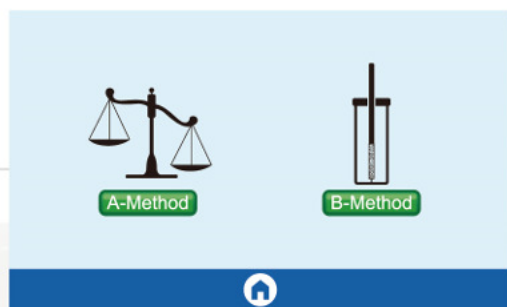


MVR

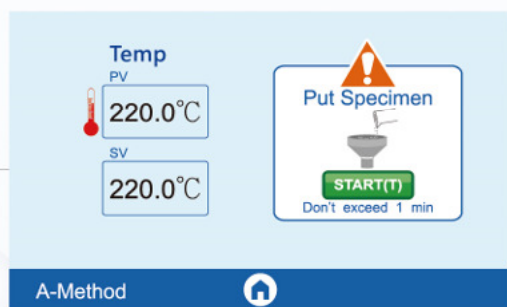


Material block mechanism

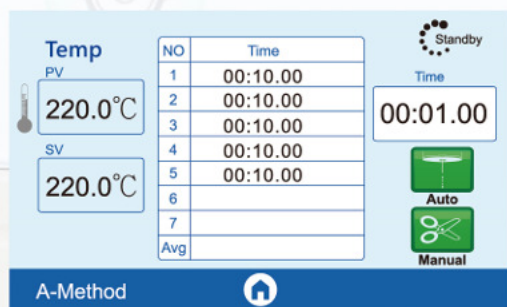
Operation manual



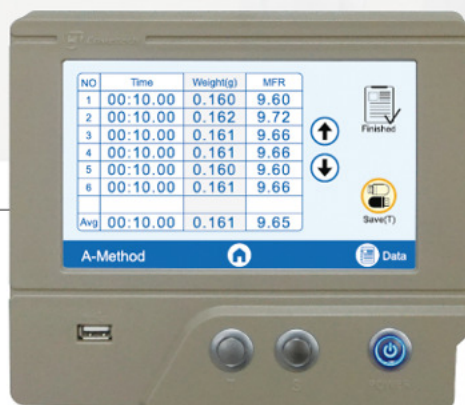
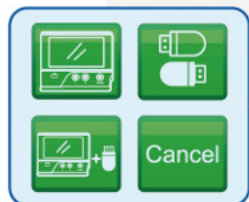
A-Method MFI (Melt Flow Index)
B-Method MVR (Melt Volume Rate)



Setup 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



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