# 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.

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## Specification

| | | |
|---|---|---|
| Use temperature | 50~360℃ | |
| 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℃ | ±2℃ |
| 250≦T<300 | ±1℃ | ±2.5℃ |
| 300≦T | ±1℃ | ±3℃ |
| 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

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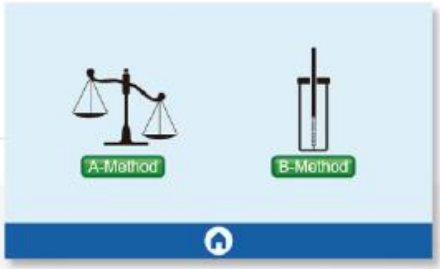
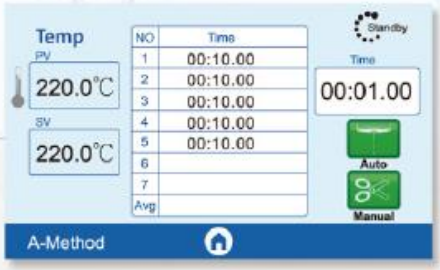
# Operation manual




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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