

SKZ145 LCD Melt Flow Indexer



To determine the melt mass-flow MFR (g/10min) , the melt volume-flow rate MFV (cm³/10min) and the melt density of thermo resin, for the engineering plastics of polycarbonate, nylon and fluorine plastics, etc, whose melt temperature are higher, but also fit for the plastics tests of polyethylene, polystyrene, polypropylene, ABS resin and poly-formaldehyde resin, etc, whose melt temperature are lower, it is widely applied to the fields of plastics materials, product, petrochemical

Standards: GB 3682, ISO 1133, ASTM D 1238, DIN 53735, UNI-5640, JJB878, and made according to JB/T5465 (Technical Standard of Melting Flow Rate Instrument).

Tests performed:

1. Adopts PID temperature control, digital display,
2. It can cut material automatically and manually,
3. It has two measuring method: melt mass-flow & melt volume-flow: MFR and MVR,
4. Print out the test report with built-in printer.
5. Also can be connect to PC controlled (optional with extra charge)

Main technical parameter:

Measuring range: 0. 01-600.00 g/10min (MFR)
0. 01-600.00 cm/10min(MVR)
0.001-9.999 g/cm (melt density)

Temperature range: 50-400°C

Temperature precision: ±0.5°C resolution: 0.1°C

Material canister inside diameter 9.55±0.025mm length: 160mm

Piston diameter 9.457 ± 0.01 mm mass: 106g

Mould inside diameter 2.095mm length: 8 ± 0.025 mm

Load: full load

Base weight: (piston weight + base poise weight) 0.325Kg.

Weights: 0.875Kg, 1.290Kg, 1.835Kg, 3.475Kg, 4.675Kg, 5.000Kg, 5.000Kg one each
(may freewill combination)

Accuracy: 0.5%

Cleaning accessories: clear material pole

Calibration accessories: water level bubble

Measuring method: MFR MVR/ DENSITY

Supply Power: 220V $\pm 10\%$ 50Hz Heat up power: about 550W

Outline size: (length*width*height) 600*400*500 (unit: mm)

Net weight: 85Kg Gross weight: 135Kg

Packing list:

Mainframe	one
Base weight	one
Weight	one (six sort's seven pieces)
Piston	one
Mould	one
Oriented sheath	one
Water level bubble	one
Hopper	one
Clear material pole	one
Mould bore	one
Material check	one
Provide English explanation	one each

Optional accessory:

Balance AR124CN



Scale (g): 120

Minimum reading (g): 0.0001

Repeatability sd (g): 0.0001

Linearity error (g): ± 0.0002

Typical stabilization time: 4s

Accuracy class: I

Calibration Automatic external calibration with weights

Pan size (mm): Diameter 90

Pan above the effective height (mm): 240

Dimensions (width X height X length) (mm): 217 x 365 x 343

NW / GW (kg): 5.7/9.5