



No. **120-FWP** MELT FLOW INDEX TESTER (MANUAL)



PLASTIC - RUBBER

ELECTRIC WIRE - CORD

LEATHER - VINYL LEATHER CLOTH

PAPER - PULP

TEXTILE - DYEING

PAINT - PIGMENT - INK



No.120-FWP

No.120-FWP-W

JIS-K6719-1/2, K6921-2, K6922-2, K6923-1, K6924-1, K6926-2, K7210-1, ASTM-D1238, ISO-1133-1

➤ FEATURE

This tester is used for measuring the melt flow index, known as melt-flow rate(MFR) and melt-volume rate(MVR) of thermo-plastic resin. The tester is compatible with both Method A (volumetric measurement) and Method B (flow distance measurement) testing. Tests can be conducted easily, from setting the test condition up to data analysis, using a 5.7" full color touch panel.

➤ SPECIFICATION

Hangings	1 Hanging
Die	φ2.095 ± 0.005 mm, L8.000 ± 0.025 mm
Piston	Head Diameter φ9.474 ± 0.007 mm, Head Length L6.35 ± 0.10 mm
Cylinder	Inner φ9.550 ± 0.025 mm, L160 mm
Temperature Range	Max. 400 °C
Test Load	Initial 0.325 kgf Choose 1 kind from 1.20, 2.16, 3.80, or 5.00 kgf. (Option: 10.00 and 21.60 kgf)
Test Method	Method A: Manual (Option: Automatic Cutter) Method B: Automatic
Data Processing	Method A: Automatic (Measuring the weight of the cut off specimen is to be done manually) Method B: Automatic
Method B Measuring	Rotary Encoder
Standard Specification	SD Card Slot, LAN Port
Option	Mini Printer, Method A Air Pressure Type Automatic Cutter, Manual Type Die Plug, Safety Cover with Interlock Attached, Half Die, Air Pressure Type Automatic Loader (No.120-FWP-W)
Accessories	Cleaning Rod (Die, Cylinder), Injection Rod, Funnel, Die Gauge, Method A Cutting Knife, Spirit Level, Gauze
Power Source	AC 100 V, 1-Phase, 15 A, 50/60 Hz or, AC 200 V, 1-Phase, 10 A, 50/60 Hz
Air Source	0.5 MPa or More (For Method A Automatic Cutter or Automatic Loader)
Dimensions/ Weight (Approx.)	W700 × D450 × H1,070 mm/ 90 kg

*Power source, dimensions, weight may differ by specifications.