



No.120 Melt-Flow Rate (MFR, MFI, MVR, Flow Properties) Testers 【YASUDA-SEIKI】 MELT FLOW INDEX TESTER

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



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

This tester is for measuring the melt flow index of thermo-plastic. The test can be conducted easily, from setting the test condition up to data analysis, using a 5.7" full color touch panel.

No.120-FWP Specification

Hangings	1 Hanging
Die	$\phi 2.095 \pm 0.005$ mm, $L 8.000 \pm 0.025$ mm
Piston	Head Diameter $\phi 9.474 \pm 0.007$ mm, Head Length $L 6.35 \pm 0.10$ mm
Cylinder	Inner $\phi 9.550 \pm 0.007$ mm, $L 160$ 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 done by hand) 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 Pneumatic Type Weight Loading Device Specification)
Dimensions/ Weight (Approx.)	No.120FWP: $W 700 \times D 450 \times H 1,020$ mm/75 kg No.120FWP-WP-W: $W 710 \times D 450 \times H 1,060$ mm/ 120 kg