

No.120-LABOT MELT FLOW INDEX TESTER (FULLY AUTOMATIC)



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

This tester is equipped with robotic mechanism which enables fully automatic

melt flow index tests up to a maximum of 50 samples (standard of 12

samples). The test conditions and the outputs can be set and observed through

the computer software.

No.120-LABOT Specification

Hangings	12, 24, 50 Hangings (3 kinds)
Die	$\phi 2.095 \pm 0.005$ mm, L8.000 ± 0.025 mm
Piston	Head Diameter $\phi 9.474 \pm 0.007$ mm, Head Length L6.35 ± 0.10 mm
Cylinder	Inner $\phi 9.550 \pm 0.007$ mm, L160 mm
Temperature Range	Max. 300 °C (Option: 400 °C)
Weight Load	0.325, 1.20, 2.16, 3.80, 5.00, 10.00 kgf and 21.60 kgf
Test Method	Method A: Manual (Option: Automatic)Method B: Automatic
Specimen Feeding	Automatic
Weight Loading	Automatic
Weight Change	Manual (Option: Automatic)
Cylinder Cleaning	Automatic (Solvent cleaning can also be automatic)
Die Cleaning	Automatic
Piston Cleaning	Automatic
Die Cleaning Rod Cleaning	Automatic
Cleaning Gauze Feeding	Automatic
Data Processing	Method A: Manual (Option: Automatic)Method B: Automatic
Method B Measuring	Rotary Encoder
Software	Windows Compatible

Accessories	Cleaning Rod (Die & Cylinder), Solvent Cleaning Device, Specimen Cup, Cup Holder, Infundibulum, Die Gauge, Spirit Level, Dust Box, Gauze, Air Gun
Option	Hastelloy Spec, Specimen Purging Device, Specimen Drying Device, Air Compressor, Temperature Calibration Device, Exhaust Fan, Smoke-Detection Sensor
Power Source	AC 100 V, 1-Phase, 15 A, 50/60 HzAC 200 V, 1-Phase, 20 A, 50/60 Hz (ISO-1133-2 Compatible Type)
Air Source	0.5 MPa or More
Dimensions/ Weight(Approx.)	12,24 Hangings:W950 × D680 × H1,720 mm/ 350 kg50 Hangings:W1,100× D700 × H1,750 mm/ 400 kg