

No.120-SAS MELT FLOW INDEX TESTER (AUTOMATIC)



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

This tester is used to measure the melt flow index of thermo-plastic. The melt flow index is acquired from the weight or the volume of the extruded specimen at a specified cylinder temperature and with a specified load of piston through the die. The tester is assorted with an automatic cleaning system which enables to perform 1 test cycle without discontinuation (option of 3 test cycles).

No.120-SAS Specification

Hangings	1 or 3 Hangings (2 kinds)
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. 300 °C (Option: Max. 400 °C)
Weight Load	Choose the Largest Load from 0.325, 1.20, 2.16, 3.80, 5.00, 10.00, 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	Manual (Option: Automatic)
Die Cleaning Rod Cleaning	Manual (Option: Automatic)
Cleaning Gauze Feeding	Manual

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 (Standard for No.120-LABOT), Smoke-Detection Sensor (Standard for No.120-LABOT)
Power Source	AC 100 V, 1-Phase, 15 A, 50/60 HzAC 200 V, 1-Phase, 20 A, 50/60 Hz (ISO-1133-2 Compatable Type)
Air Source	0.5 MPa or More
Dimensions/ Weight (Approx.)	1 Hanging: W675× D645 × H1,370 mm/200 kg3 Hangings: W675 × D725 × H1,370 mm/ 220 kg