

MFi5

MFi Series: The New Generation of Melt Flow Index Testers

The MFi5 is a compact instrument that allows rapid inspection of the melt mass flow rate of plastics. It is especially designed for different needs, from simple Incoming Material Acceptance to Process Control checks. The manually operated MFi5 tests plastics quickly and reliably thanks to the pre-set methods.



TECHNICAL SPECIFICATIONS

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| Type Of Test | Methods A, B, C |
| Test Temperature Range | 50 °C – 450 °C |
| Piston Travel Transducer | ✓ |
| PTT resolution | <0.005 mm |
| Test Mass Range | 0.100 kg, 0.325 kg, 0.500 kg, 1.000 kg, 1.050 kg, 1.200 kg, 2.160 kg, 3.800 kg, 5.000 kg, 6.480 kg, 10.000 kg, 12.500 kg, 15.000 kg, 20.000 kg, 21.600 kg |
| Test Masses Motorized Lifter | - |
| Automatic Compacting and Purging | - |
| Motorized Melt Cutter | ✓ |
| Test Masses Manual Selector | - |
| Die Plug Automatic Opening | Optional |
| Temperature Accuracy | <0.3 °C |
| Barrel Type | STANDARD: Nitrided Steel with Superior Wear Resistance OPTIONAL: Special stainless-steel for corrosive materials |
| Temperature Resolution | <0.05 °C |
| User Interface | 7" Capacitive touch display |
| Other Facilities Required to Operate Basic Machine and Options | Only Electrical supply |
| Additional Safety Shields | - |
| Bluehill Melt Software | Optional |
| Export Interfaces | USB, LAN for Bluehill Melt Software |
| Basic Machine Dimensions (w × d × h) | 510 x 370 x 600 mm |
| Machine Dimensions with Options (w × d × h) | 510 x 370 x 700 mm |
| Basic Machine Mass | 60 kg |
| Power Supply | 660 W |
| Electrical Supply Only | 230 or 115 V UL/CSA ready 50/60 Hz |

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