

Melt Flow Index Deluxe

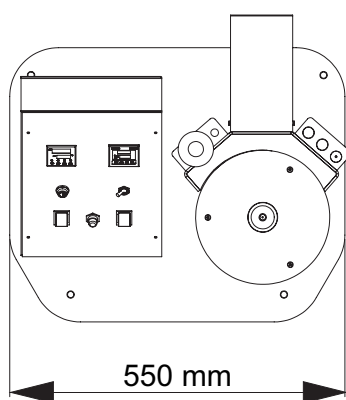


Model No. MFI-DX

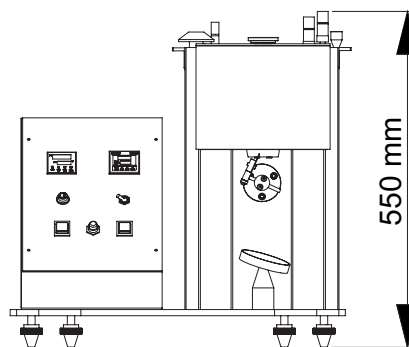
Melt Flow Index Tester is a consistent tool useful for checking the flow properties of molten plastics/resins. PRESTO Melt Flow Index Tester is manufactured under various Test Standards ASTM D 1238-1992, IS 2267-1972, IS 2530-1963, IS 10810-1984.

- Microprocessor based PID controller
- Automatic sample cutting
- Digital Preset Timer for accuracy and repeatability
- Die Steel barrel for uniform and consistent heating of barrel/test cylinder.

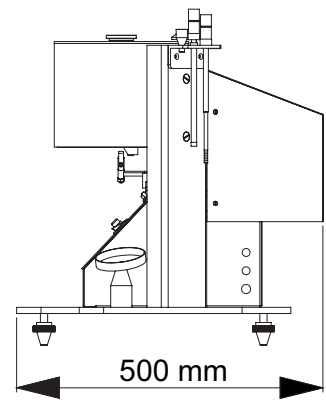
Melt Flow Index is defined as the rate of flow of extrudate of molten resins through a jet of a specific length and diameter under prescribed conditions of temperature, load and piston position inside a heated metallic barrel. Melt flow Index of thermoplastic material is expressed in terms of grams per 10 min of extrudate of molten resins that flow through the heated cylindrical barrel.



Top View



Front View



Side View

Key Specifications:

| | |
|--|------------------------------------|
| Display | Digital 7 Segment |
| Temperature Range | Ambient to 400°C |
| Accuracy | ± 1°C |
| Least Count/Resolution | 0.1°C |
| Power | 220V , Single phase, 50 Hz |
| Sample Cutting | Automatic Motorized |
| Temperature Control | PID Temperature Controller |
| Timer | Digital Preset upto 999 seconds |
| Inner Diameter of heating barrel(cylinder) | 9.550mm ± 0.007mm |
| Inner Diameter of Die | 2.095mm ± 0.005mm |
| Diameter of piston head | 9.474mm ± 0.007mm |
| Material of Heating Barrel(Cylinder) | Die Steel |
| Sample Cutting Motor | Torque 7Kg/cm ² , 60RPM |

Standard Accessories :-

- Orifice Inbuilt - 1
- Funnel - 1
- Mirror with stand - 1
- Piston - 1
- Deadweight - 4
- Orifice cleaner - 1
- Barrel cleaner - 1
- Material Charger - 1
- Plumb line - 1
- Spool - 1

Highlights:

| | |
|---------------------|--|
| No. of Dead Weights | 4 (1.2 kg, 2.16 kg, 3.8 kg, 5 kg) |
| Material | Mild Steel |
| Finish | Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish |
| Dimensions | 550 x 550 x 500 mm |

* The Melt Flow Index in grams per 10min. of the test specimen can be calculated.

Optional :

- Melt Flow Index Next Generation model with touchscreen facility also available.
- Other Specific Deadweight also available on request
- Weighing scale (200 gram) also available on request.

Thank you customers for choosing us as your partners in growth !



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OUR OTHER PRODUCTS :-

| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Box Compression Tester | Scuff Resistance Tester | Tensile Tester Digital | Spectrocolorimeter | Cobb Sizing Tester | Digital GSM Balance |

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