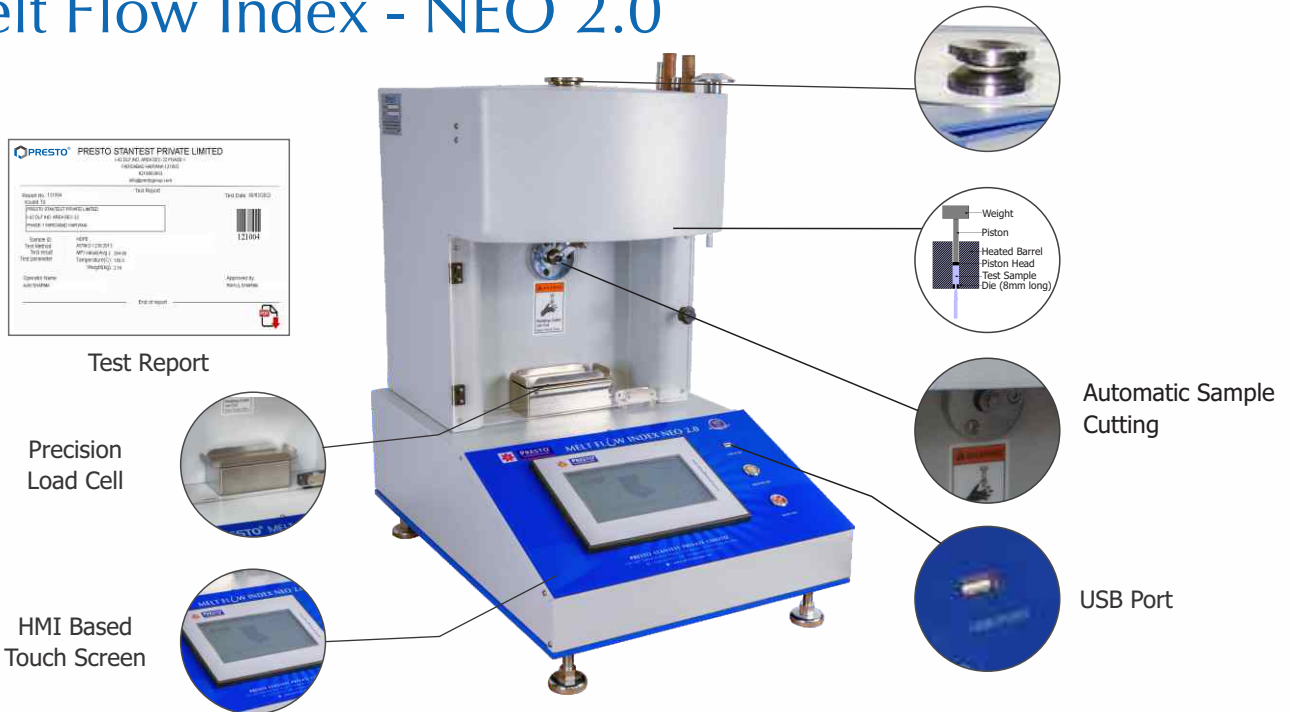




Melt Flow Index - NEO 2.0



Model No. MFI-NEO 2.0

Melt Flow Index Tester – NEO 2.0 Model 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.

Other model available are Melt Flow Index Tester – Deluxe Model with Digital PID Controller.

- HMI based Touchscreen Model
- Result of MFI for individual test & average of all test.
- Microprocessor based inbuilt PID controller
- Automatic sample cutting
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability
- Die Steel barrel for uniform and consistent heating of barrel/test cylinder.
- Test report can be generated in PDF format.
- Program profile for selecting test parameters and performing the test.
- Easy Data Management. User can create product identification, test temperature, time etc.
- USB option available for storing test data (Pen drive not a part of offer)
- Data output in PDF and CSV file format.
- Can be programmed Pre-Heating Time.
- Calculate the Direct MFI value with High precision Load cell interface
- Calculate the Test results Min. /Max. /Avg.

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.



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Key Specifications:

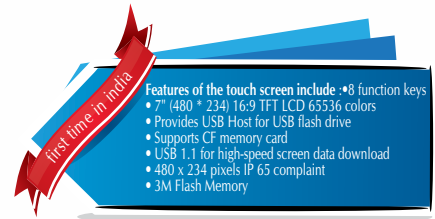
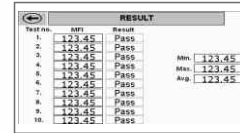
Display	HMI Based touchscreen 7"
Temperature Range	Ambient to 400° C
Accuracy	± 1°C
Least Count/Resolution	0.1°C
Power	220V , Single phase, 50 Hz
Sample Cutting	Automatic Motorized
Temperature Control	Inbuilt PID Temperature Controller
Timer	Inbuilt in HMI Preset Timer upto 999 sec.
Inner Diameter of heating barrel(cylinder)	9.550mm ± 0.007mm
Inner Diameter of Die	2.095mm ± 0.005mm
Diameter of piston head	9.474mm ± 0.007
Material of Heating Barrel(Cylinder)	Die Steel
Sample Cutting Motor	Torque 7Kg/cm ² , 60RPM
Load Cell	Range 800 gm, Least count 0.01 gm

Highlights:

Test Report	Yes, in PDF format
No. of Dead Weights	4 (1.2kg, 2.16kg, 3.8kg, 5kg)
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	400 x 580 x 630 mm

Optional Features:

- Melt Flow Index Deluxe model also available.
- Other specific deadweight also available on request



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
- Load Cell with pan in-built - 1

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Our Other Products :



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