

MELT FLOW INDEX TEST APPARATUS

Model No.
K-MFI-01-HMI



Description

Kant Plastology feels abundantly pleased to offer a very sleek and compact design of MELT FLOW INDEX TESTER is rugged constructed machine with very precisely machined mechanical parts and accurate control on heating through PID temperature control. Custom made heaters equally distributed in barrel assembly for uniform heating. Kant Plastology procures all related mechanical accessories to conduct the test.

Specification

MODEL (K-MFI-01-HMI)	
Reference Standards	ASTM D – 1238, IS – 2530
Method	A
Display	5.5" LCD touch screen
Data Entry	Through HMI unit
Temperature Controller	PLC based PID module temperature control device
Temperature Range	Ambient to 300°C
Temperature Resolution	0.1°C
Accuracy	± 0.2°C
Weigh Capacity	Up to 60.00 gms
Weight Lifting System	Manual
Sample Cutting Device	Motorized cutter automatically operated at Set Cut-Off time
Specimen Weight	Auto weighing device inserted to weigh the test sample after completion of auto-cutting operation
Result	Test result with Average MFI value printed through Thermal Printer on 'PRINT' command
Accessories	Orifice (Die), Piston, Hopper, Orifice cleaner, Orifice ejector, Cylinder cleaner, Forcep, Dead weights of 2.16 kgf & 5.00 kgf other weights are available at optional
Paint	Powder coated
Power Supply	230V AC, Single phase, 50Hz