

700 Series



Systemised Solutions *4* Your Need



HEM TECHSYS
PRIVATE LIMITED
www.hemtech.in

Melt Flow Indexer HT-MFI-700 Series

HT-MFI-700 is a new series of **Melt Flow Indexers** manufactured by **hemtech** in technical association with Jinjian-China, keeping in mind the Quality conscious customers in India. The combined branding and efforts helped in developing high quality Instruments at very reasonable price. **Value for Money !**

Range of Models available from Model with facility to perform Test as per Method – A (Manual Method - only MFR) to Model with Automatic Piston Travel Detection Device, Auto Cutting Device, Auto Weight Lifting Device etc... makes it easy for customer to select the Model and configuration best suitable for specific requirement.

Precision of mechanics and Latest Sensor and Electronics makes it a Accurate Instrument. Operator Friendly design makes it easy to use instrument.

Simple LED Display units to Touch Screen Console Units for Economical to feature packed system need.

HT-MFI 700

As per ASTM D1238 & ISO 1133

Only of its kind product in the market !!!

- ✓ Fully Microcontroller based
- ✓ Touch Screen Control
- ✓ Adjustable Height Barrel Assembly
- ✓ Auto Cutting Device
- ✓ Piston Travel Detection Device
- ✓ Auto Weight Lifting Device
- ✓ PC connectivity

**UNMATCHED
IN
FEATURES
&
TECHNOLOGY**

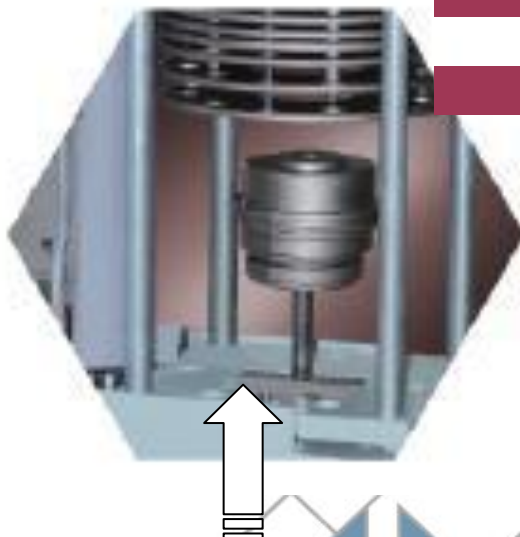
Auto Cutting Device

Piston Travel Detection Device

Automated Multi Weight System

Movable Barrel Assembly

Touch Screen Console



Innovative Integrated Automated Multi-weight System

Built in weights as per International Standards. The weight or the weights (up to 4) are automatically selected by simple touch of Operator on Touch Screen.

Also, supports :

Incremental Weight Testing – Increasing weight
Decremental Weight Testing – Decreasing weight



Movable Barrel Assembly

Very convenient for

**Cleaning
&
Inspection**

Due to Innovative Automated Multi-weight System, it is best suited for performing various specialised Tests to get results related to Rheology in addition to normal MFR & MVR like,

- FFR (MFR ratio with different weights)
- SHEAR STRESS
- SHEAR RATE
- APPERANT VISCOSITY

**RHEOLOGICAL
PROPERTIES
On same Instrument**

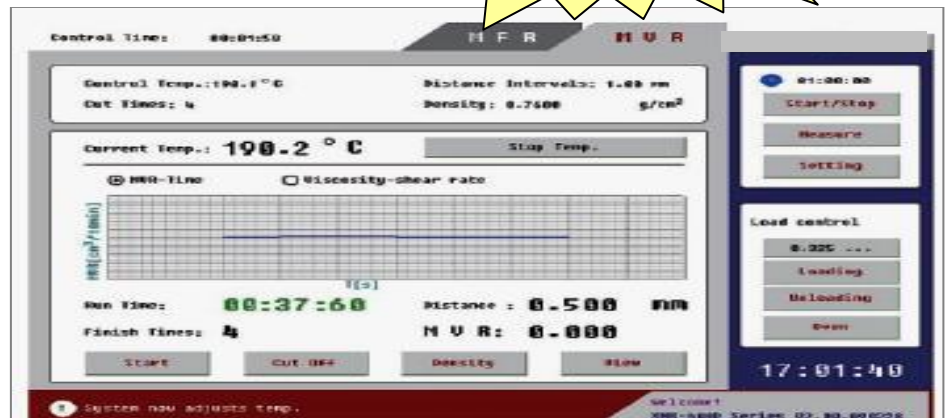
On Screen Graphics

Live Plots for

MFR Vs. Time

MVR Vs. Time

PC Connectivity
SOFTWARE
Data Export
Reports







At Hemtech, we always try to balance the Economics and Technology. With a view of providing wide range of choice as per the need we also developed series of Economical Models to cater to all the type of customer need from budget point of view as well.

Features

High strength frame • Precise Mechanics • User Friendly Operation • Simple to use

Precise PID algorithm for Temperature control

Range of Models to choose from				
Model	HT-MFI-700A	HT-MFI-700	HT-MFI-700B	HT-MFI-700C
Method	Method A only	Method A only	Method A & B	Method A & B
Display	LED	4 line LCD	4 line LCD	TOUCH SCREEN
MFR	YES	YES	YES	YES
MVR	NO	NO	YES	YES
Printer	NO	NO	YES(option)	YES
PC Interface	NO	NO	NO	YES



AMCOR
 APPL
 ADRDE
 ASHIRVAD PIPES
 ASTRAL
 AXEL POLYMERS
 BALAJI WAFERS
 BHANSALI ENGINEERING PLASTICS
 C K ZIPPERS
 CAPITOL FIBRES
 CAPRI COATINGS
 CAVIN KARE
 CIPET
 DRDE
 EASTER
 ECOPLAST
 ELECTROTHERM
 GAIL
 GHODAVAT FOOD
 GLENMARK
 HOLISTER
 HUTAMAKI
 IDMC
 IISC
 IOCL
 INJECTOPLAST
 ION EXCHANGE LIMITED
 IPR
 ITC
 JESONS
 KALPENA INDUSTRIES
 LARPM
 LOHIA

M C COLLEGE OF DAIRY SCIENCE
 M J BIOPHARMA
 M S UNIVERSITY
 MANTRA
 MARVEL
 MEHATA FLEX
 MERIL ENDOSURGERY
 MONTAGE GLOBAL
 MULTIFLEX
 PACKAGING INDIA
 PAPER PRODUCTS LIMITED
 PARIKH PACKAGING
 PARLE
 PLATICHEMIX
 POSITIVE PACKAGING
 PROMED
 RADHA MADHAV CORPORATION
 RELIANCE INDUSTRIES
 SHAILLY ENGINEERING PLASTICS
 SHANKAR PACKAGIN
 SHUBHAM POLYSPIN
 SIDMAK LABORATORIES
 SPOT ON COATINGS
 STRONG STRAPS
 SUNPHARMA
 SUPREME
 SWAPNIL AGRO
 SWISS PACK
 THIAGRAJA UNIVEERSITY
 TORRAM
 TUFLEX
 VIKAS GLOBAL
 YESH LAMI PRINT

International Customers

J F Packaging – Srilanka
 F I P C O – Oman
 Sun Pharma De Mexico - Mexico

"Total Customer Satisfaction Through Quality Services"