

hanatek

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Melt Flow Index/Rate
Melt Volume Rate
Melt Density
Shear Rate/Stress
Melt Viscosity
Spread Values

MFI MELT FLOW INDEXER

Measurement standards
BS, ISO, ASTM

Determine melt flow characteristics

User serviceable design for minimal downtime

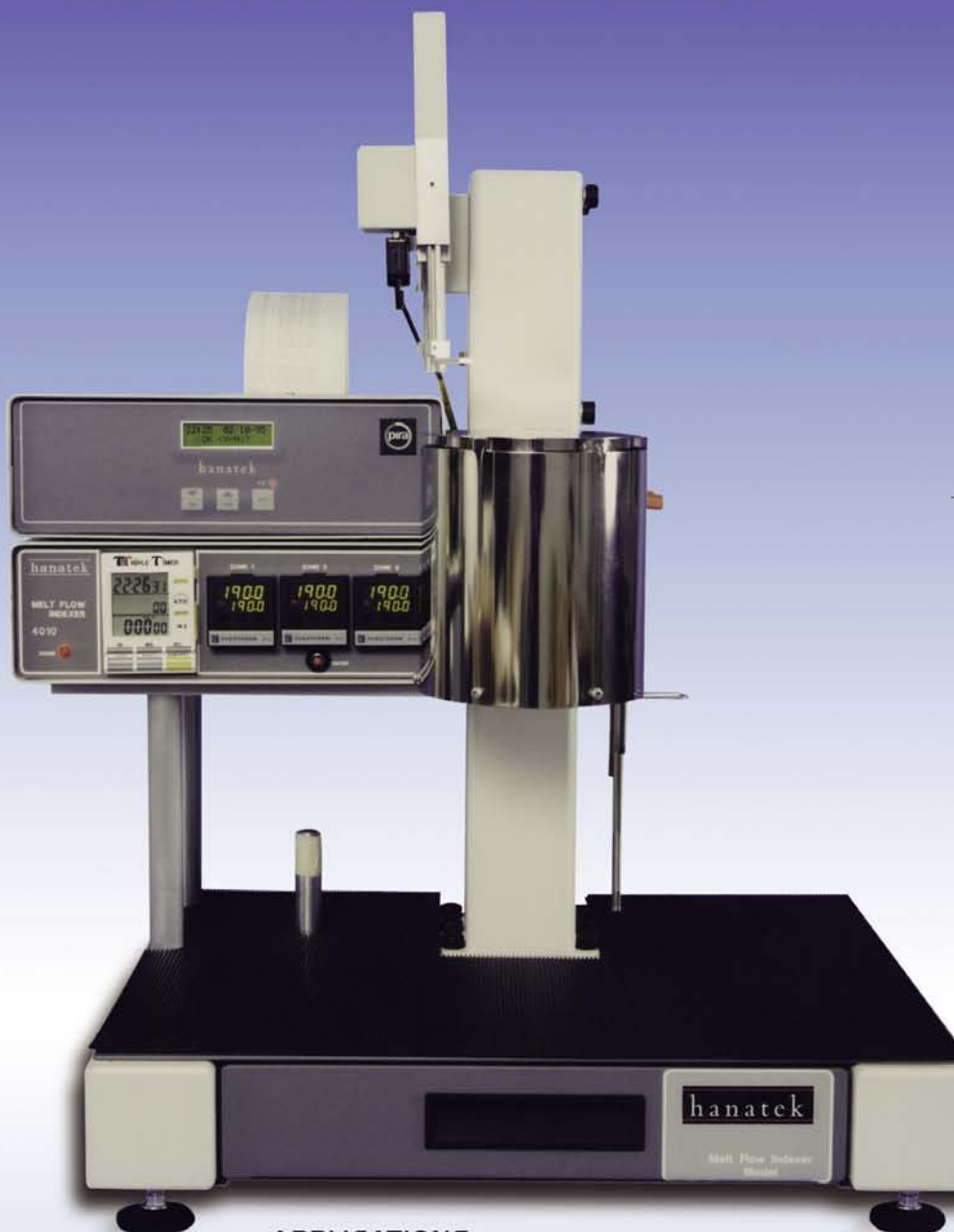
Tri-zone temperature control for ultimate accuracy

PREDICT POLYMER PERFORMANCE

Optimise Raw Materials

Increase manufacturing efficiency

Improve Quality



APPLICATIONS

Resin producers

Extruders

Injection moulders

Film manufactures

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 **RHOPOINT**
INSTRUMENTS

MFI MELT FLOW INDEXER

The Hanatek MFI is used to accurately measure the melt characteristics of thermoplastic polymers.

Understanding melt flow is a key indicator for producers, processors and converters of plastic materials as it dictates the temperatures and pressures required to manufacture consistent quality products.

FEATURES

TRI-ZONE TEMPERATURE CONTROL

The unique tri-zone temperature controller ensures strict adherence to international standards, it can also be configured to exactly match the performance of any competitive instrument.

ROBUST USER SERVICEABLE DESIGN

Interchangeable tungsten barrels allow the user to return the instrument to pristine measuring conditions without the downtime and expense of returning it to the manufacturer.

OPTIONS

The MFI is available in three upgradeable formats to suit all budgets and applications-

Standard- Includes; MFI instrument, tri-zone heating module and all the tools required to manually test melt flow characteristics.

Intermediate- Calculates MFI/MFR, Melt Volume Rate, Melt Density, Shear Stress/Rate, Melt Viscosity and spread values. Includes built in printer and PC output.

Advanced- Additionally includes weight lift mechanism for fully automated testing.

SPECIFICATIONS

Standards ISO 1133 ASTM D1238 BS 2782 ASTM 3364

Standard **Range** 40- 400° C
 Resolution 0.1° C Accuracy 0.2° C

Intermediate **Programmable Testing**
 Timer - Pre-Heat and Cut off
 Movement Encoder - 0.04mm (Accuracy)

Advanced **Weight Load** 0-25 Kg (Min-Max)

Power 110/240V 50/60 Hz

Output RS232



Standard MFI with test and cleaning apparatus.

Size:
 (H)680x(W)555x(D)438mm
Weight: 52kg



Intermediate MFI with programmable test module.

Size:
 (H)700x(W)555x(D)438mm
Weight: 55kg



Advanced MFI with weight lift mechanism.

Size:
 (H) 1200x
 (W) 555x
 (D) 438mm
Weight: 57kg



Certificate No. FM29741

LOCAL AGENT

hanatek

12 Beeching Road | Bexhill-on-Sea | East Sussex | TN39 3LG | UK
 T +44 (0) 1424 739623 F +44 (0) 1424 730600
 info@hanatekinstruments.com www.hanatekinstruments.com

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