

MELT FLOW INDEX TESTERS

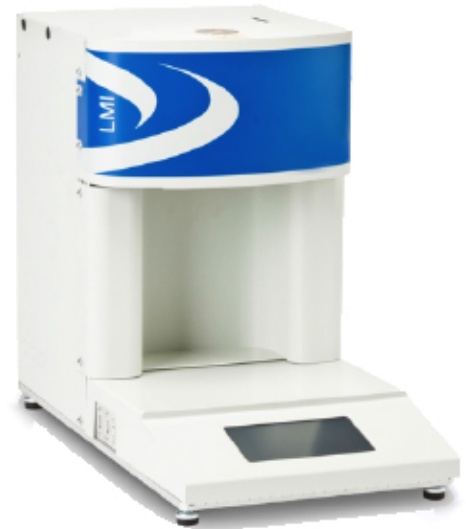
The New **KFY-1160X MFI** series melt flow indexers are designed to meet or exceed the ASTM D1238 specifications as well as international standards. They provide an accurate, cost-effective means of monitoring material flow characteristics for lot-to-lot consistency. The new **KFY-1160X LMI** replaces the **KFY-1160** series and incorporates key features:

Touch-Screen Display... Replacing the 2-line vacuum fluorescent display, the larger, backlit touch-screen allows for easier programming and viewing of testing status and results.

Digital Encoder... An optional digital encoder provides an accurate measurement of piston displacement during Method B tests. By detecting the speed of encoder movement, the LMI can automatically determine flag length.

USB connectivity. With 3 USB ports (1 master, 2 slaves) users can connect to devices for networking, printing, weigh scale measurements and data storage capability.

LAVA suite Software... The MFI is capable of delivering a wider range of data in digital form. This includes not only melt index values, but also shear stress, shear rate, viscosity and apparent melt density, as well as testing conditions. Optional software makes it possible to record these values and present them in various reports.



Meets international standards:

ASTM D1238 & D3364, ISO 1133, BS2782, DIN 53735,
JIS K7210

KFY-1160X MELT FLOW INDEXER (ASTM D1238 METHOD A)

Includes (1) tungsten carbide orifice, touch screen programmer, operation to 500 degrees C, choice of (1) stainless steel weight: 225, 1100, 2060, 3700, or 4900 grams, GO/NOGO gauge, cleaning and operating tools.

Note: The **KFY-1160X LMI** is capable of performing Method A testing only. It cannot be upgraded for Methods A/B or B testing.

KFY-1161X DIGITAL ENCODER

The Digital encoder provides a high precision measurement of piston displacement and is a required option to enable the performance of ASTM D1238 Method A/B and B tests. It can only be factory-fitted to new model **KFY-1160X LMI**

Optional extra weights in addition to the one supplied as above :

- KFY-1162** 225 gm, stainless steel piston weight
- KFY-1163** 1100 gm, stainless steel piston weight
- KFY-1164** 2060 gm, stainless steel piston weight
- KFY-1165** 3700 gm, stainless steel piston weight
- KFY-1166** 4900 gm, stainless steel piston weight

KFY-1167 LAVA SUITE SOFTWARE... With the optional software the MFI is capable of delivering a wider range of data in digital form. This includes not only melt index values, but also shear stress, shear rate, viscosity and apparent melt density, as well as testing conditions and reports.

KFY-1168 Basic Cleaning Tool Kit (recommended) - cleaning tools and accessories for LMI that includes - brushes, bubble level, cleaning drill bit, go-no/go gauge, palette knife, funnel, cleaning patches and inspection mirror.