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MELT FLOW INDEXER

Modular Melt Indexer series and options

Technical modifications / Highlights new MI series compared to previous models

mi1| mi2 | mi3 | mi40 | MI-ROBO

Launched at the K2025 trade fair - Oct25

MELT FLOW INDEXER

ISO 1133 | ASTM D1238 | D3364

mi1

mi2

mi3

mi40

MI-ROBO

increasing automation

MELT FLOW INDEXER mi1

Highest precision – minimal automation!

- **NEW – Optionally selectable WSVGA Touchscreen 4,33”**
- **NEW - Standardization of test chamber – easy change of test barrel for different applications (corrosive/abrasive) – Proven Technology, as already used with the models mi3 and mi40 models**

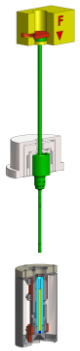
MELT FLOW INDEXER mi2

Highest precision – half automated - equipped with test-weight Lifting system - single test weight measurements

- NEW - WSVGA Touchscreen 7”
- NEW - Displacement sensor 0,003mm/ impuls - previously 0.025mm/ impuls
- NEW - Standardization of test chamber – easy change of test barrel for different applications (corrosive/abrasive) – Proven Technology, as already used with the models mi3 and mi40
- NEW - Automatic pre-positioning of the piston by the new lifting system and parameter settings - No material sensor required, as with the previous model 2.2

MELT FLOW INDEXER mi3

Highest precision- incl. test-weight magazine - manual test weight selection - single test weight measurements



- **NEW - WSVGA Touchscreen 7”**
- **NEW - optionally selectable Force controlled compressing /ejection up to 80 kg. The test-weight lifting motor can be used (position and time controlled) to pre-load the sample before the test or eject the material after the test. The maximum available force is 80 kg as a combination of the 21,6 kg load and the motor at full force. - Not possible with the previous model -**

NEW - optionally selectable Semi-Automatic Cleaning Unit

For barrel cleaning without compressed air. The module is firmly mounted on the test device. In addition to the up/down movement the rotating cleaning piston guaranties a reliable and efficient cleaning of the test barrel. - Not possible with the previous model -

MELT FLOW INDEXER mi40

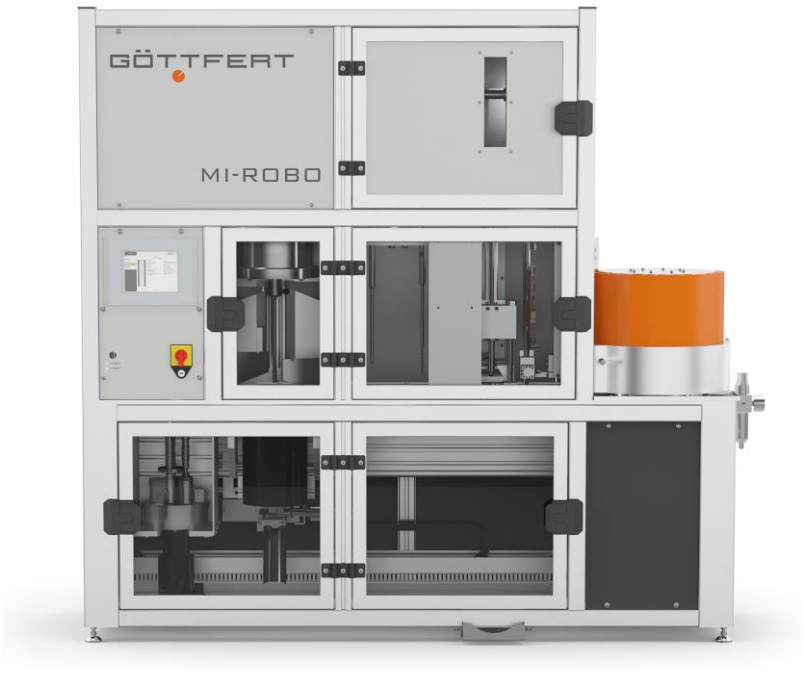
Highest precision and automation - incl. test-weight magazine - automatic test weight selection - single and multi test weight measurements - viscosity option

- **NEW - WSVGA Touchscreen 7”**
- **NEW - Force controlled compressing/ejection up to 80 kg. The test-weight lifting motor can be used (position and time controlled) to pre-load the sample before the test or eject the material after the test. The maximum available force is 80 kg as a combination of the 21,6 kg load and the motor at full force.**

  With the previous model, only possible up to 60 kg

MELT FLOW INDEXER MI-ROBO

Highest precision - Fully automated Melt Flow Indexer



- **NEW - Determination of Melt Density (Method A)**

  The MI-ROBO optionally enables the automatic determination of melt density according to Method A in compliance with ISO 1133 / ASTM D1238 Procedure A

  In this process, the melt volume is recorded based on the melt index, and the material density is automatically calculated. This method increases reproducibility and minimizes operator errors.

- **NEW - now available Visualization and Control software miCONNECT**

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Martin Ackermann - 28.10.2025


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