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### Mflow extrusion plastometer: all weights securely contained in the instrument

#### **Zwick's latest Melt Plastometer keeps its weights under control**

Zwick's Mflow extrusion plastometer allows melt index values MFR and MVR to be determined quickly and conveniently. The system features modular design and functions such as travel measurement can be retrofitted as and when required, while an innovative weight selection unit provides enhanced operator safety and convenience.

Different weights are used in extrusion tests (MFR, MVR determination) depending on the polymer being tested. The individual weights must then be positioned manually by the operator. This is a laborious and potentially hazardous procedure, as a weight may fall and injure the operator.

A new development from Zwick has solved this problem. Now available for the modular Mflow extrusion plastometer is an auxiliary unit which provides program-controlled positioning and removal of the test weight in use. Manual selection is also possible by simply removing the selector and re-inserting it in the desired position.

The instrument contains test weights specified in ISO 1133 up to 21.6 kg, arranged so as to eliminate the possibility of error. Cleaning the instrument is no problem thanks to an easy action swiveling unit.

The instrument can be controlled via integrated computer electronics or a PC as required. The innovative automatic parameter control (APC) ensures reliable measured values, even with untrained operators.

Picture description:



All weights are securely installed in the modular Mflow extrusion plastometer. An auxiliary unit provides program-controlled positioning and removal of the test weight in use and also enables selection of the required weight by simple removal and re-insertion of the selector. (Datei: Mflow\_freigestellt.jpg)

### **About the Zwick Roell Group**

*Zwick Roell Group customers benefit from more than 150 years of experience in the manufacturing of high quality testing systems. Zwick is the global leader in static testing and is experiencing significant growth with its dynamic test systems. A financially strong and family run business, its innovative product developments, diverse product range, and global support provide tailored solutions targeted specifically at the needs of both Research and Development and Quality Assurance customers. Serving more than 20 industry sectors with 960 employees, via manufacturing facilities in Germany, regional headquarters in Atlanta, Georgia, USA and Singapore, as well as offices in 56 countries worldwide, the brand name Zwick is a guarantee of the highest quality and support. For more information see: [www.zwick.com](http://www.zwick.com)*

