

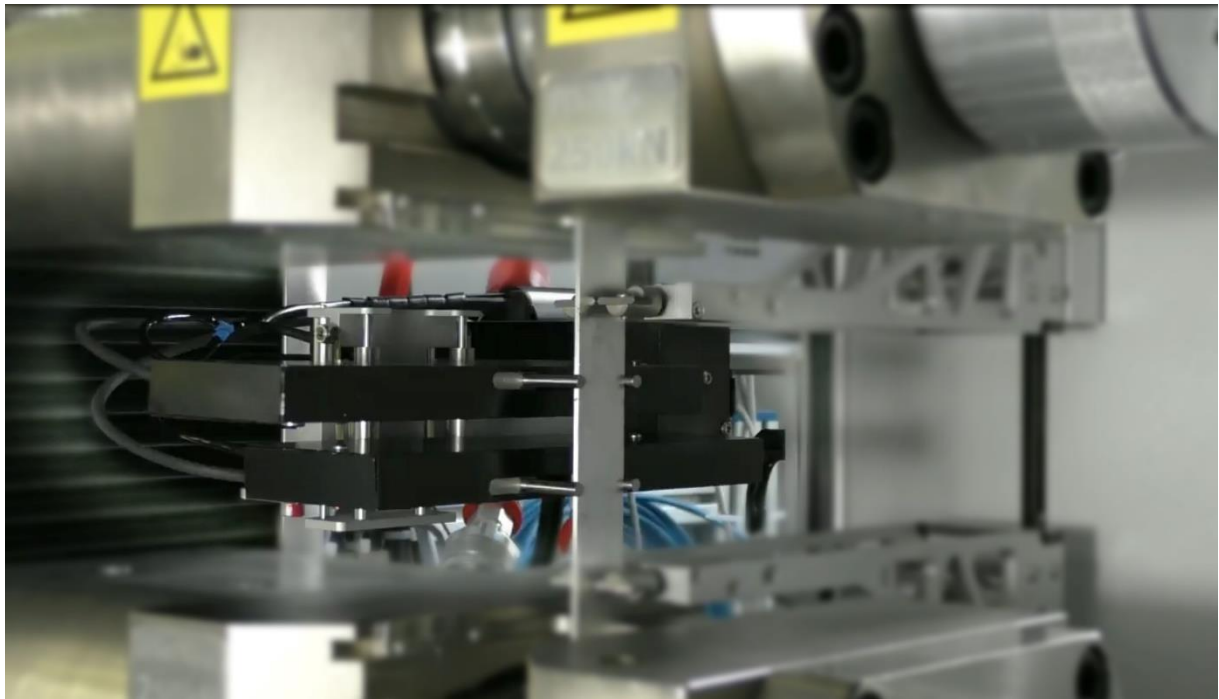


Hegewald & Peschke

Meß- und Prüftechnik GmbH

Product information

Lateral extensometer MFQ-B2



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The width gauge has been designed for combined use with the MFL or MFX extensometers for determining the r-value (vertical anisotropy) of thin sheets with an extensometer output length $L_e \geq 50\text{mm}$ and can be used for sample widths between 6 and 35 mm without conversions.

Low contact forces of the touch pins and a bearing that adapts sensitively to the specimen allow testing even of thin sheets. The MFQ-B2 is automatically swivelled to the specimen by a pneumatic slide.

Technical data:

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|---|--|
| Accuracy class | 1 according to EN ISO 9513 (optional 0,5) |
| Measuring principle | Optical-incremental 2 measuring points at a distance of 30 mm |
| Measuring path | Sample width minus 5 mm |
| Resolution | 0,1 μm |
| Display error | 0,5 % or 1,5 μm (higher value is allowed) |
| Pressure force of the measuring pins | 3N |
| Pneumatic operation pressure | 6bar |
| Sample width | 6 - 35 mm |
| Specimen thickness | 0.5 - 15 mm |
| Weight | approx. 2.5 kg |
| Scope of delivery | Strain gauge complete with electronics incl.: - Data acquisition card - Mounting with pneumatic slide for automatic attachment and dismantling |
| Important notice | - Measuring direction upwards for lower test chamber - Test chamber width min. 610mm |