

THICKNESS MEASUREMENT FOR PLASTIC FILMS

GPA EVO II

Benefits

- **Ease of Use:** Simplified operation with comprehensive software.
- **Automatic Calibration:** Ensures consistent accuracy.
- **Non-contact Measurement:** Increases durability.
- **ISO & DIN Compliant:** Meets international standards.
- **Improved Extruder Adjustment:** Offers insights for optimization.

Features

- **Automatic Zero Reset:** Guarantees baseline accuracy.
- **High Precision:** Measures with minimal deviation.
- **Flexible Measurement:** Adapts to various film widths and lengths.
- **Integrated Software:** User-friendly interface with detailed analytics.
- **Support Rack with Rollers:** Ensures smooth film handling.
- **Flat Film Measurement Plates:** Simplifies measurement process.



TSM Thickness Profile Measurement

The **GPA EVO® II** is an advanced thickness measuring unit tailored for the blown and cast film industries. It stands out with its automatic calibration and measurement features, employing non-contact capacitive, and micrometer sensors for exceptional precision. The unit ensures consistent quality control, offering a significant enhancement in operational efficiency and product quality.

The **GPA EVO® II** is complemented by GPA-Win software, facilitating effortless operation and detailed data analysis. Its versatility is further highlighted by its technical specifications and accessories, making it a vital tool for manufacturers aiming to uphold high standards in film thickness accuracy. This product is a testament to TSM's commitment to advancing technology in the plastic film sector, promising to set new benchmarks for quality and innovation.

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Technical Specifications	GPA EVO
Film sample width	100 mm
Maximum length of sample	19,99 m
Measuring speed	15-80 mm/s
Measuring range	0-300 μ m
Resolution of sensor	0,05 μ m
Measuring accuracy	$\pm$ 0,2 μ m
Force of pressure	0,3-0,5 N
Interface	1x LAN (PC)



Operating Panel

All graphical presentations and the operation of the measurement unit are carried out via the integrated GPA-Win program (plug and play).



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