

MV.EYE LT1

3D-layer thickness measurement



INNOVATIVE SOLUTIONS
our Passion



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MABRIVISION
BEYOND MATTERS

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PERFORMANCE

- › Wall thickness 0,02 mm - 6 mm
- › Repeatability up to 0,1 µm
- › Speed up to 120 kHz
- › Resolution up to 0,01 µm
- › 1D-, 2D- or 3D-Measurement

TESTING

- › Layer thickness measurement
- › Singlelayer and multilayer
- › Surface measurement
- › Plastics, silicones, glass and many more semitransparent materials

ANALYSIS

- › Data-visualization and -analysis
- › Fully automatic inline-measurement
- › Custom software solution

MV.SENSE sensors offer a completely new possibility of non-destructive quality control of plastics, silicones, glass and other translucent materials. With the flying spot method, the layer thickness distribution can be determined quickly and reliably.

Basics

- › Thickness measurement with the Flying-Spot-Method
- › Data visualization
- › Direct interface (Digital I/O, ProfiNet, ...)
- › Integrated system with control cabinet and pc

Optional extensions

- › Databases
- › Individual UI
- › System and control cabinet assembly
- › Handlings- and automation-modules
- › Individual analysis and data processing

Technical Specifications

Resolution	0,01 µm
Scanmodes	1-, 2- or 3D-Messungen
Thickness	0,02mm - 6mm
Measuring frequency	up to 120kHz (1D) 200Hz (2D)

Power supply	230 V
Weight	from 30kg
Dimensions	19"-Format min. 6HE
Point density	from 10 µm or higher



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