Inline Zehntner Glossmeters

ZOL 1150

Tailored Industrial Gloss Measuring System

Performance

Continuous recording of the gloss values with a big measurement area is optimized for inline quality control in industrial production.

Great handling

Unique automatic in-situ calibration simplifies the handling and minimizes holding times significantly Automatic measuring distance correction ensures precise and contactless measurements.

Accuracy

Online monitoring of gloss and glosshaze during the production with up to 1'000 measurements per second. Swiss quality ensures maximum accuracy.

Instrument
Tech Specs

Geometries	20°, 60°, 85° (depending on the version)
Measuring accuracy	0 - 199.9 GU: ≈0.2 GU, 0 - 1999 GU: ≈2 GU*
Measuring area	20°: 22 mm x 20 mm (0.87″ x 0.79″) 60°: 29 mm x 14 mm (1.14″ x 0.55″) 85°: 114 mm x 11 mm (4.49″ x 0.43″)
Interfaces	Ethernet
Analog output	0-10 V, 0-20 mA or 4-20 mA
Light source	LED
Power supply	24 VDC, ±10%
Power consumption	max. 18 W
Operating Temperature	-10°C to + 50°C (12 °F to 122 °F)
Measuring distance to material Measuring position	20°/60°: 10 mm (0.39″) 85°: 2.7 mm (0.11″)
Dimensions measuring head	20°/60°: 339 mm x 142 mm x 243 mm 20°/60°: 13.35″ x 5.59″ x 9.57″ 85°: 339 mm x 142 mm x 250 mm 85°: 13.35″ x 5.59″ x 9.84″

Standards & Guidelines	Description
ASTM D2457	
ASTM D523	
BS 3900-D6	
DIN EN ISO2813	DIN EN ISO2813
ISO 2813	
JIS Z 8741	

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Machine translated & automatically generated (English version prevails): 29.08.2025
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