



## 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 gloss haze 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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