



Inline Zehntner Glossmeters

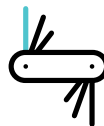
ZOL 1150

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, $\pm 10\%$ |
| 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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