



## Inline Zehntner Glossmeters **ZOL 1150**

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Tailored Industrial Gloss Measuring System

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### **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

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