



# Inline Zehntner Glossmeters

**ZG8150** 

### Inline digital glossmeter



## **Accuracy**

Swiss Made assurance, accuracy, and standards compliance. The fastest instrument in the industry allows the efficient use in production systems.



#### Ease of use

Measure tight, curved spaces, and in all orientations with ease, thanks to its compact design and tiny bearing area.



## **Productivity**

A simple yet powerful API and a flexible interface allow a seamless integration into your production environment and full control over the device.











### Instrument Tech Specs

Geometries	Dual 20°/60° and Single 60°
Measurement modes	Single Continuous Scan
Measurement configurations	Contact measurements: with mounted nose Contactless measurements: without nose having measuring distance of 5 mm / 0.2 in
Error compensation	Stray light compensation Advanced temperature compensation
Measurement Positioning	Positioning Laser Viewing Window
Surfaces	All kind of materials such as e.g. coatings, plastic and metals
Measurement range	20°: 0 – 2'000 GU 60°: 0 – 1'000 GU
Resolution	0.1 GU
Repeatability	0 - 199.9 GU: ± 0.1GU 200 - 2'000 GU: ± 0.1 %
Reproducibility	0 - 199.9 GU: ± 0.5GU 200 - 2'000 GU: ± 0.4 %
Measurements speed	Up to 20 measurements per second
Measurement time	50ms /Angle
Units	GU, %
Measuring sensor adaption	V(λ)
Measuring area	20°: 3.5 x 4.5 mm / 0.14 x 0.18 in 60°: 3.5 x 6.0 mm / 0.14 x 0.24 in
Opening area	With nose: 10 x 8 mm / 0.39 x 0.31 in Without nose: 34 x 12 mm / 1.34 x 0.47 in
Bearing area	Nose for flat products: 38 x 24 mm / 1.5 x 0.94 in Nose for small and curved products: 15.5 mm x 13 mm / 0.61 x 0.51 in

Standards & Guidelines	Description
ASTM D2457	
ASTM D523	
BS 3900-D6	
GB/T 9754-2007 ( Russia)	
ISO 2813	
JIS Z 8741	





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