



## Inline Zehntner Glossmeters **ZG8150**

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Inline digital glossmeter

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### **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

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