proceq
A Screening Eagle Company



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.

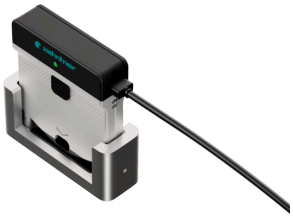
Productivity

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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