Zehntner Glossmeter Live

ZG8000

Optical quality assurance of surfaces using gloss measuring technology

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Universal

One device, working as standalone, connected, or inline production - even contactless. Peace of mind thanks to the Swiss Made accuracy and standards compliance, whether in your hand or on a robot.

Ultraportability

Tackle any quality assurance challenge with the most compact and ultralight Live glossmeter ever made. Measure tight, curved spaces, and in all orientations with ease, thanks to its ergonomic design and tiny bearing area.

Digital

Intelligent software lets you annotate measurements with voice, photos, and comments. Generate reports and share them instantly with coworkers and customers. Access your data from anywhere, anytime.

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Measurement parameters

Geometries	20° and 60°, Haze
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
Surfaces	All kinds of material, for example coatings, plastic and metals
Measurement range	20°: 0 – 2,000 GU 60°: 0 – 1,000 GU H : 0 – 1,000 HU
Measurement speed	Up to 14 measurements per second
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

Software

	Zehntner Live app & website interface
Workflow features	Logbook with geolocation, audio, image and text annotations Series statistics Series report Indication of reflection haze H
Visualization features	Bar diagram Pass/fail threshold values per geometry
Verification features	Custom adjust on 2nd calibration standards
Reporting features	Data export to XLS, CSV Reporting export to PDF Logbook
Cloud features	Cloud synchronization Cloud-enabled Logbook Cloud-based report generation

Device parameters

Models	Standalone Live Inline
Digital display	OLED monochrome, 256 x 64 px, active size 50.7 x 12.4 mm / 2.0 x 0.5 in
Connectivity	Live: Bluetooth 4.0 EDR Low Energy to Apple® iOS device Inline: RS232
Dimensions	Standalone and Live (with nose): 74 x 22 x 96 mm / 2.9 x 0.9 x 3.8 in Inline (without nose): 74 x 22 x 82 mm / 2.9 x 0.9 x 3.2 in
Weight	ca. 150 g / 5.3 oz
Standards compliance	ASTM D523 ASTM D2457 BS 3900-D6 ISO 2813 GB/T 9754-2007 JIS Z 8741
Accessories	Bluetooth® printer 2nd Calibration standard
EagleCare	Optional (selected models only)

Operating parameters

Battery	Removable, 1x AAA, flight-safe
Operating temperature	0 to 40° C (32 to 104 °F)
Operating humidity	<95% rH, non-condensing

Display and processing unit (not included)

Model	Any Apple® iOS device (min. iOS 9)
User interface languages	English, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish

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