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Technical Gloss Meter PCE-SGM 60

Gloss Meter PCE-SGM 60

Gloss meter for use in quality and incoming goods inspection /

60 ° angle / 3.5 "TFT display / low measurement time /

small measurement area / measurement to 1000 GU

This gloss meter with small measuring area is used to quantify surfaces that must be measured. The gloss-measuring device operates on the reflection principle by sending light from a known light source onto the surface to be tested and calculates the gloss level of the surface according to the reflection of light particles. The gloss level in gloss units (GU) is then output to the display of the gloss meter.

The measurement geometry of the Gloss Meter PCE-SGM 60 is 60 degrees and is not adjustable. Evaluation software is included with the gloss meter which allows you to read out the measurement data to a computer and analyze and store your results. This gloss meter has data memory installed, which can accommodate up to 5,000 measured values depending on the setting.

- Measurement geometry: 60 °
- Measurement to 1000 gloss units
- Internal memory up to 5000 readings
- Small measurement area
- 0.5 second measurement time
- Includes evaluation software

Specifications: Gloss Meter PCE-SGM 60

Measurement Geometry	60 °
Display	3.5 "TFT touch display
Standardize	ISO 2813 GB / T 9754 ASTM D 523 ASTM D 2457
Measuring Area	1.5mm x 2mm / 0.06in x 0.07in
Measuring Range	0 ... 1000 GU
Readability	0.1 GU
Repeatability	Measuring range 0 ... 10 GU: ± 0.1 GU measuring range 10 ... 100 GU: GU ± 0.2 Measuring range 100 ... 1000 GU: GU ± 0.2 (%)
Reproducibility	Measuring range 0 ... 10 GU: ± 0.2 GU measuring range 10 ... 100 GU ± 0.5 GU measuring range 10 ... 1000 GU ± 0.5 GU (%)
Chromaticity	corresponds to CIE 1931 (2 °) under a CIE C - light source
Measurement Accuracy	$\pm 1.5 / \pm 1.5\%$

Measuring Time	0.5 seconds
Dimensions	160 x 75 x 90 mm/6.3 x 3 x 3.5
Weight	350 g/12.3 oz
Menu Language	English, Chinese
Power Supply	3200 mAh Li-ion battery
Interface	USB / RS-232
Measurement Memory	Basic measurement: 1000 Statistical Mode: 5000 Continuous measurement: 5000
Software	included
Ambient Temperature	0 ... +40 ° C / 32 ... 104 ° F
Storage Temperature	-20 ... +50 ° C / -4 ... 122 ° F
Relative Humidity	<85% rel. Humidity (non-condensing)

Delivery Contents for Gloss Meter PCE-SGM 60

- 1 x Gloss Meter PCE-SGM 60
- 1 x Charger
- 1 x USB cable
- 1 x Analysis software (on CD-ROM)
- 1 x Calibration plate
- 1 x User Manual