Gloss Meter PCE-PGM 100

Gloss meter for mobile use / Flexibility due to various measuring geometries /
3.5 " TFT display / Very short measuring time / Internal memory for readings /
Including evaluation software

The PCE-PGM 100 gloss meter works with measuring geometries of 20°, 60° and 85°, using the reflection principle. This means that the gloss meter emits light which hits the surface to be tested. A part of the light will be absorbed by the surface and another part will be reflected. After this, the gloss meter will calculate the degree of gloss.

The wide measurement range allows the user to test many different surfaces. These features make the gloss degree meter very useful for gloss measurements in quality and incoming goods control. The included software makes later evaluation of the measured data easily possible.

▶ Various measuring geometries
▶ 3.5" TFT
▶ Internal measurement value storage
▶ Calibration plate included in the delivery content
▶ Short measuring time
▶ Evaluation software

Subject to change

Specifications

Technical Data

Measurement geometry	20° / 60° / 85°
Display	3.5 in TFT touch display
Standards	ISO 2813
	GB/T 9754
	ASTM D 523
	ASTM D 2457
Measuring surface	20° : 10 x 10 mm / .4 x .4 in
	60° : 9 x 15 mm / .4 x .6 in
	85° : 5 x 36 mm / .2 x 1.4 in
Measuring range	20° : 0 ... 1000 GU
	60° : 0 ... 1000 GU
	85° : 0 ... 160 GU
Readability	0.1 GU
Repeatability	Meas. range 0 ... 10 GU: ±0.1 GU
	Meas. range 10 ... 100 GU: ±0.2 GU
	Meas. range 100 ...1000 GU: ±0.2 GU (%)
Reproducibility	Meas. range 0 ... 10 GU: ±0.2 GU
	Meas. range 10 ... 100 GU: ±0.5 GU
	Meas. range 100 ...1000 GU: ±0.5 GU (%)
Chromaticity	Fulfils CIE 1931 (2°) under a CIE C – lightsource
Measurement accuracy	±1.5 / ±1.5%
Measuring time	0.1 second
Dimensions	160 x 75 x 90 mm / 6.3 x 3 x 3.5 in
Weight	350 g / < 1 lb
Menu language	English, Chinese
Power supply	3200-mAh Li-ion rechargeable battery
Interface	USB / RS-232
Measuring storage	Baseline measurement:1000
Operatingtemperature	0 ... 40°C / 32 ... 104°F
Storage temperature	-20 ... 50°C / -4 ... 122°F
Relative humidity	< 85% rel. humidity(non-condensing)

More information

Manual

More product info

Similar products

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