Gloss Meter PCE-IGM 100

**Glossmeter for mobile use / Different measuring geometries /
3.5" TFT-Display / Fastmeasurement time / Internal data memory /
Including evaluation software**

A gloss meter is a tester fordetermining surface gloss. Thereby, with the gloss meter, spectral reflections of a light beam that hits the surface, are measured.The touchscreen allows for easy navigation.

The gloss meter is appliedespecially in areas where it is important that the surfaces have the same structure, and thus have thesame surface characteristics. Thisoften happens in quality control. Thus,the gloss meter is a measuring instrument which can be used in manydifferent companies.

Includedwith this gloss meter there is alsoa CD-Rom with special evaluationsoftware. Sothe measured data can be first stored on the device and later transferred to a computer. Thesoftware of the gloss meter alsohas an analysis function that servesfor precise evaluation.

- ▶ Different measuring geometries
- ▶ 3.5" TFT
- ▶ Internal data memory
- ▶ Calibrationplate supplied
- ▶ Fastmeasurement time
- ▶ With evaluation software- Light source: D65
- ▶ Wave length: 400-700 nm

Specifications

Technical Data

Measuring geometries	20° / 60° / 85°
Display	3.5 in TFT touch display (320 x 480 Pixel)
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	Measuring range 0... 10 GU: ±0.1 GU
	Measuring range 10 ... 100GU: ±0.2 GU
	Measuring range 100 ... 1000GU: ±0.2 GU (%)
Reproducibility	Measuring range 0... 10 GU: ±0.2 GU
	Measuring range 10 ... 100GU: ±0.5 GU
	Measuring range 100 ... 1000GU: ±0.5 GU (%)
Chromaticity	Meets CIE 1931 (2°) under a CIE C - light source
Measurement accuracy	±1.2 / ±1.2%
Measuring time	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
Measurement memory	Based measurement: 1000
	Statistical mode: 5000
	Continuous measurement: 5000
Software	Included in delivery
Ambient temperature	0 ... 40°C / 32 ... 104°F
Storage temperature	-20 ... 50°C / -4 ... 122°F
Relative humidity	< 85 % rel. humidity(not condensing)

More information

Subject to change