

Gloss Meter PCE-GM 55



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Gloss meter with three measuring angles / 20°, 45° and 75° / For medium and high gloss / Interface and software / Li-ion battery

The gloss meter PCE-GM 55 is a 3-angle gloss meter. The measuring angles of the gloss meter are 20°, 45° and 75°. This allows the gloss meter to be used for gloss measurements in the high gloss and medium gloss ranges. The special measuring angle of 75° allows, among other things, measurements of the degree of gloss on paper and textiles. The gloss meter is based on the ASTM, DIN and EN ISO standards. The measuring range of the gloss meter ranges from 0 ... 200 gloss units.

The measurement of the gloss level with the gloss meter is made by the reflection of light from the surface to be measured. The gloss level is continuously measured and simultaneously displayed on the LC display of the gloss meter. Via the integrated interface, the measured values can be transferred from the gloss meter to a PC. To power a Li-Ion battery is used. This can be charged via a 5V power supply.

- ▶ 20°, 45° and 75° measurement angle
- ▶ Measuring range up to 200 gloss units
- ▶ LC display
- ▶ Serial interface
- ▶ For medium and high gloss
- ▶ Measurement on textiles and paper possible

Specifications

Measuring angle	20°, 45°, 75°
Measuring range	0 ... 200 gloss units
Resolution	0.1 gloss units
Accuracy	± 1 gloss units (on reference standard)
Repeatability	± 0.5 gloss units (0 ... 99.9 GE)
Measuring surface	7 x 14 mm (elliptical)
Data storage	254 measuring points
Interface	Serial
Operating conditions	0 ... 40°C / 32 ... 104°F, max. 85% rh
Power supply	Li-ion battery
Weight	305 g / < 1 lb
Dimensions	140 x 45 x 75 mm / 5.5 x 1.8 x 3 in

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Manual



More product info



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