

# Gloss Meter PCE-IGM 60



**Glossmeter for use in quality and incoming goods control /  
60° measurement geometry / 3.5" TFT display/ Fast measurement time /  
Internal datamemory / Including evaluation software**

The gloss meter PCE-IGM 60 is an optical measuring instrument with a measuring geometry of 60°. The surface is analyzed by the gloss meter and then the result is shown. Every surface has the characteristic to reflect light. This feature is used by the gloss meter to send light onto the surface. This happens when the gloss meter PCE-IGM 60 is at an angle of 60°. A large part of the transmitted light penetrates the surface and the remaining light particles are reflected from the surface. Then the gloss meter calculates which gloss value the surface has, by the light that is reflected.

The measured values thus obtained can be stored directly on the gloss meter. Using the supplied software, it is possible to read out the data at a later time on the computer and analyze it. The fact that the glossmeter has a measuring range up to 2000 measurement points ensures that the majority of surfaces can be measured with the gloss meter.

- ▶ Measurement geometry 60°
- ▶ 3.5" TFT
- ▶ Internal data memory
- ▶ Calibration plate supplied
- ▶ Fast measurement time
- ▶ With evaluation software
- ▶ Light source: D65
- ▶ Wave length: 400-700 nm

# Specifications

## Technical Data

Measurement geometry	60°
Display	3.5 in TFT touch display
Standards	ISO 2813
	GB/T 9754
	ASTM D 523
	ASTM D 2457
Measuring surface	9 x 15 mm / .4 x .6 in
Measuring range	0 ... 300 GU
Readability	0.1 GU
Repeatability	Measuring range 0... 10 GU: ±0.1 GU
	Measuring range 10 ... 100GU: ±0.2 GU
	Measuring range 100 ... 300GU: ±0.2 GU (%)
	Measuring range 0... 10 GU: ±0.2 GU
Reproducibility	Measuring range 10 ... 100GU: ±0.5 GU
	Measuring range 100 ... 300GU: ±0.5 GU (%)
Chromaticity	Corresponds to CIE 1931 (2°) under a CIE C - light source
Measurement accuracy	±1.2 / ±1.2 %
Measuring time	0.5 seconds
Dimensions	160 x 75 x 90 mm / 6.3 x 3 x 3.4 in
Weight	350 g / < 1 lb
Menu language	English, Chinese
Power supply	3200-mAh Li-ion rechargeable battery
Interface	USB / RS-232
Measurement memory	Basis measurement: 1000
	Statistical mode: 5000
Software	Included
	Continuous measurement: 5000
Operating temperature	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



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