

Gloss measurement

PicoGloss 560



- integrated mirror-gloss measurement
- calibration with only one standard
- ISO 2813, ASTM D 523, DIN 67 530
- 60° measuring geometry
- 3 measuring modes

**Extremely compact,
convenient gloss measuring device**

PicoGloss 560

Design

The PicoGloss 560 is one of the smallest portable gloss measuring devices ever designed. It fits easily into a shirt pocket and is therefore ideal for on-site use. The universal 60° measuring geometry and 3 measuring modes make this instrument suitable for a wide range of applications.

The compact dimensions of the measuring instrument and the measuring aperture allow measurement without difficulty, even on small or narrow specimens or in places which are not easily accessible.

Handling

Single-key operations make gloss measurements extremely easy to carry out. The reading is displayed for about 30 sec. Then the display is switched off automatically to save the battery power.

Calibration

Precise gloss measurements depend on proper calibration. The PicoGloss 560 requires only one calibration standard for normal two-position calibration; a zero standard is thus not needed.

60° gloss measurement

Specifically for gloss measurements in the 0–199.9 gloss units range.

Mirror gloss measurement

60° mirror gloss measurements can be conducted on metallic surfaces in the 0–1999 gloss units range.

Detection of external light

The effect of external light can be determined by taking measurements with the lamp switched off.

Power supply

The capacity of the integrated rechargeable battery is adequate for about 5,000 measurements. Measuring operations can be continued while the battery is being charged.

Supply schedule

High-gloss standard, charging unit, adjusting screwdriver, lens cloth, transport case, operating instructions.

Accessories

Mirror-gloss standard, medium-gloss standard, diffusing screen.

Technical data

Dimensions (L x W x H):	108 mm x 28 mm x 65 mm
Net weight:	240 g
Measuring aperture / Measuring area:	10 mm x 24 mm / 8 mm x 16 mm
Light source / Photo-sensor:	Tungsten filament vacuum lamp (5 V / 45 mA) / Si-photocell
Measuring geometry:	60°
Spectral adjustment:	VI adaptation for illuminant C
Display of measured values:	3 digit LCD (height of digits 12.5 mm) with hold function
Power supply:	integrated NiMH rechargeable battery (7.2 V / 130 mAh)
Battery capacity / Charging time / Charging current:	5,000 measurements / 14 h / 15 mA
Charging unit:	Universal plug-in mains connection (100–240) VAC / (47–63) Hz

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