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Technical Gloss Meter PCE-PGM 60

**Gloss meter for use in quality and incoming goods control /
 60 ° measuring geometry / 3.5 " TFT display / short measuring time /
 internal memory for readings / including evaluation software**

The PCE-PGM 60 gloss meter has a measuring geometry of 60 °. The gloss meter is used to analyse surfaces of different materials. Gloss measurements are particularly carried out in the production industry where products must have exactly the same characteristics. Therefore, it can be said that the main areas of usage of a gloss meter are incoming goods and quality control where the gloss meter is used as a test device to determine whether the condition of the products is flawless.

The included software for the gloss meter supports the user in analysing the measured data and to represent them graphically. Additionally, the user has the possibility to save the measured data directly to the internal memory of the gloss meter which has a capacity for up to 1000 measured values. The PCE-PGM 60 gloss meter has a measuring geometry of 60 ° which cannot be adjusted in this case. Other devices have a function to adjust the measuring geometry.

- Measuring geometry: 60 °
- 3.5 "TFT
- internal measurement value storage up to 1000 measurement values
- calibration plate included in the delivery content
- short measuring time
- with evaluation software

Technical Data

| | |
|----------------------|--|
| Measurement geometry | 60 ° |
| Display | 3.5 " TFT touch display |
| Standards | ISO 2813 GB/T 9754 ASTM D 523 ASTM D 2457 |
| Measuring surface | 9x15 mm |
| Measuring range | 0 ... 300 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 ... 300 GU: ± 0.2 GU (%) |
| Reproducibility | Meas. range 0 ... 10 GU: ± 0.2 GU |
| | Meas. range 10 ... 100 GU: ± 0.5 GU |
| | Meas. range 100 ... 300 GU: ± 0.5 GU (%) |
| Chromaticity | Fulfils CIE 1931(2 °) under a CIE C – light source |
| Measurement accuracy | $\pm 1.5 / \pm 1.5$ % |
| Measuring time | 0.5 second |
| Dimensions | 160 x 75 x 90 mm |
| Weight | 350 g |
| Menu language | English, Chinese |
| Power supply | 3200 mAh Li-ion rechargeable battery |
| Interface | USB / RS-232 |
| Measuring storage | Baseline measurement: 1000 |
| Software | Included |
| Operating temperature | 0 ... +40 °C |
| Storage temperature | -20 ... +50 °C |
| Relative humidity | <85% rel. humidity (non-condensing) |

Delivery Contents

- 1 x gloss meter PCE-PGM 60
- 1 x rechargeable lithium-ion battery
- 1 x charging adaptor
- 1 x USB cable
- 1 x calibration plate
- 1 x evaluation software (on a CD-ROM)
- 1 x instruction manual