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Technical Surface Testing PCE-GM 60

Gloss Meter PCE-GM 60

Compact design and robust housing for long life / quartz crystal calibration plates /gloss meter that measures from opaque to high brightness / includes software to file the measurement values /0... 1999 units of brightness

The Gloss Meter is a portable precision instrument to detect any degree of brightness on different surfaces from matt to high gloss. For this, the measurement angle of 60 degrees of the Gloss Meter is ideal. At a glance it is often difficult to differentiate the degrees of brightness. The Gloss Meter detects the brightness levels of a painting. However, often minor differences are irrelevant to the naked eye. We should also bear in mind that each person, and therefore each eye, perceives brightness differently. Some polishing manufacturers advertise about these data, but that is absurd. Different tests have shown different results in a varnished shine, some even without making a measurement. This is due to the different angles of vision of the observer and the light intensity at the time of inspection. So, some coated surfaces perpendicularly seen, seem opaque, meanwhile if they are seen from almost a horizontal angle, they seem to have much shine. The value of a high-gloss coating is usually between 70 and 100 GU (gloss units)

- High reproducibility
- Battery power supply
- quartz crystal calibration plates
- Software to do reports
- Gloss grades from opaque to high brightness

Technical Specifications

Range	0 ... 1999 GU (gloss units)
Accuracy	±0,2 GU (0 ... 99.9) ±0,2 % (100 ... 1999)
Reproducibility	±0,5 GU (0 ... 99.9) ±0,5 % (100 ... 1999)
Optical angle	60 °
Measuring area	10 x 20 mm
Display	14 x 28 mm
Power supply	1,5 V AAA battery
Dimensions	83 x 46 x 30 mm

Weight	100 g
Statistics	10 values
Interface	USB
Environmental temperature	-10 ... 50 °C, max. 80 % H.r.
Standards	ISO2813, ASTM D523, DIN-67530, ISO7668, GB9754

Delivery contents:

- 1 x Gloss Meter PCE-GM 60
- 1 x calibration standard
- 1 x AAA battery
- 1 x USB data cable
- 1 x software
- 1 x carrying case
- 1 x user manual