Metrix+™
Innovative Excellence

GLOSS METER

# MICROGLOSS

*Multi-angle simultaneous measurement*

## Measuring principle

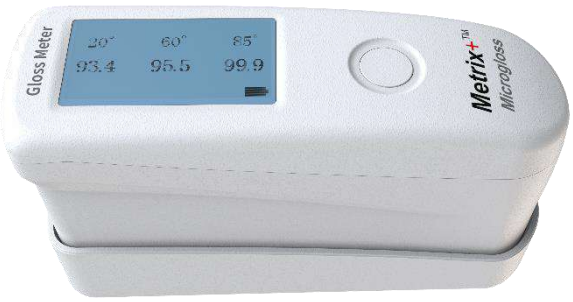
Gloss Meter is used to measure the specular reflection (gloss) of a surface. Gloss is determined by projecting a beam of light at a fixed intensity and angle onto a surface and measuring the amount of reflected light at an equal but opposite angle.

## Applications

The glossmeter is used in many industries from paper mills to automotive and are used by the producer and the user alike. Few examples include Paints & coatings, additives, inks, plastics, aerospace, automotive manufacture and re-finish, etc.

## Features

- One-button operation
- Simultaneous measurement in all three angles.
- USB Type C charging
- Added functions including data transfer with PC interface.




## Technical Specifications

| Model | *Metrix+* Microgloss |
|---|---|
| **Standards** | Comply with standard ISO 2813, ISO 7668, GB/T 9754, ASTM D 523, ASTM D 2457, DIN 67530, GB/T13891. All indexes meet the requirements of JJG 696-2015 Verification Regulation of "Specular Gloss Meters and Gloss Plates" as the grade 1 working meters. |
| **Measuring range** | 20° : 0 ~ 2000 Gloss Units<br>60° : 0 ~ 1000 Gloss Units<br>85° : 0 ~ 160 Gloss Units |
| **Measuring Angle** | 20° / 60° / 85° |
| **Minimum Test Material Size** | 57mm*10mm |
| **Reproducibility** | 10 – 100 GU : ±0.5 GU<br>100 – 1000 GU : ±0.5% GU |
| **Resolution** | 0.1 GU |
| **Repeatability** | 10 – 100 GU : ±0.2 GU<br>100 – 1000 GU : ±0.2% GU |
| **Measuring aperture** | 20° : 9 x 9 mm<br>60° : 9 x 15 mm<br>85° : 5 x 38 mm |
| **Measuring time** | 0.5 s |
| **Dimensions and weight** | L x W x H : 140 x 48 x 75 mm, ~300g |
| **Battery** | Lithium rechargeable battery 3.7V @ 2000mAh, charging via USB Type-C |

| | |
|---|---|
| **Display** | 240 x 128 dot matrix |
| **Operating temperature** | 10 ~ 45°C |
| **Storage temperature** | -10 ~ 60°C |
| **Humidity** | <85% RH, no condensation |
| **Standard accessories** | Main unit, power adapter, software and cable, calibration plate, operational manual, optical cleaning cloth |



