

## Measuring principle

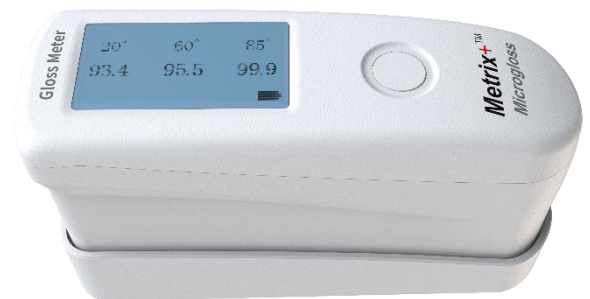
Gloss Meter is used to measure the specular reflection (gloss) of a surface. Gloss is determined by projecting a beam of light at a fixed intensity and angle onto a surface and measuring the amount of reflected light at an equal but opposite angle.

## 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 JIG 696-2015 Verification Regulation of "Specular Gloss Meters and Gloss Plates" as the grade 1 working meters.
Measuring range	20°: 0 ~ 2000 Gloss Units 60°: 0 ~ 1000 Gloss Units 85°: 0 ~ 160 Gloss Units
Measuring Angle	20° / 60° / 85°
Minimum Test Material Size	57mm*10mm
Reproducibility	10 – 100 GU : ±0.5 GU 100 – 1000 GU : ±0.5% GU
Resolution	0.1 GU
Repeatability	10 – 100 GU : ±0.2 GU 100 – 1000 GU : ±0.2% GU
Measuring aperture	20°: 9 x 9 mm 60°: 9 x 15 mm 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

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

