

Glossmeter

Portable, accumulator-powered precision glossmeters for the measurements of all glass ranges for all surfaces from mat to high gloss usable in all industries.

Features

- Objective gloss evaluation with immediate indication of the measured value
- Sturdy construction with aluminium housing an high quality standard.
- Optional: additional equipment for a higher user convenience.
- Unique mini-measuring head for gloss measurement on very confined areas, curved surfaces and surfaces being not plane.



Versions

Version	measuring angle
ZGM 1020 (1 angle)	20°, 45°, 60°, 75°D, 75°T, 85°
ZGM 1020 with mini-measuring head (1 angle)	20°, 45°, 60°
ZGM 1022 (2 angles)	20° + 60°, 20° + 70°, 20° + 85°, 45° + 60°
ZGM 1022 with 1 mini-measuring head (2 angles)	in the unit: 20°, 45°, 60°, 75°, 80° mini-measuring head: 20°, 45°, 60°
ZGM 1022 with 2 mini-measuring heads (3 angles)	20°, 45°, 60° (both pluggable)
ZGM 1023 (1 angle)	20° x 10; 0 - 1'999 GU 60° x 10; 0 - 1'999 GU 75°; 0 - 19.99 GU

Technical specifications

Gloss range

0 - 199,9 GU; ZGM 1023 see versions

Measuring accuracy

+/- 1 %

Measuring sensor

adapted to V (λ)

Display

LCD, 3 1/2 digits

Light source

Halogen lamp, standard illuminant A

Power supply

integrated, rechargeable accumulator

Calibration

Traceable to BAM (federal institute for materials research and testing, DE)

Physical specifications

Dimensions (L x W x H)

1 and 2 angles: 190 mm x 53 mm x 110 mm

mini-measuring heads:

20° - 60 mm x 12 mm x 55 mm

45° - 68 mm x 12 mm x 39 mm

60° - 78 mm x 12 mm x 40 mm

Weight

1 and 2 angles: 1 kg

mini-measuring heads: 60 g - 78 g

Standard delivery ZGM 1020/1023

- 1 glossmeter
- 1 working standard
- 1 zero standard
- 1 battery charger (230V pr 115V)
- 1 connection cable
- 1 spare lamp with allan key
- 1 screw driver
- 1 certificate of manufacturer
- 1 certificate of calibration
- 1 carrying case

Standard delivery ZGM 1020 mini-measuring head

Different to standard delivery:

- 1 glossmeter with measuring button (no measuring geometry)
- 1 mini-measuring head
- 1 calibration unit

Standard delivery ZGM 1022 (dual angle)

Different from standard delivery ZGM 1020

- 1 glossmeter with two measuring geometries

ZGM 1022 with 1 mini-measuring head:

different from standard delivery ZGM 1022

- 1 glossmeter (with measuring geometry)
- 1 mini-measuring head
- 1 calibration unit

ZGM 1022 with 2 mini-measuring heads

- 1 glossmeter with measuring button (no measuring geometry)
- 2 mini-measuring heads
- 1-2 calibration units (depending on measuring geometries)

Options

- intermediate standard
- ZSP 1029 special pressing device