



## GLOSS METER BKH-1101

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### GLOSS METER WITH MICRO MEASURING APERTURE

It is a portable gloss meter with micro measuring aperture, universal angle 60°. Its measuring range is 0-1000GU, and exclusively applicable to surface gloss measurement on curved or mini size material.



Micro measuring aperture, Large measuring range of 1000GU

3\*6mm measuring aperture is suitable for measuring curved or mini size material

The large measuring range allows it to measure most low, medium and high gloss materials.

Operate easily, Measure quickly

Put and read with no button operation.

Adopting the D65 light source to make sure the accurate measurements

The instrument uses the D65 light source and the spectral response curve of receivers conforms to the function of photopic vision  $V(\lambda)$ , ensuring more accurate measurements of colored objects.

Precise measurement

Gloss Meter could pass calibration by any national metrology institute, in line

## SPECIFICATIONS

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Model                         | BKH-1101                                  |
| Measure angle                 | 60°                                       |
| Measuring Light spot          | 1.5mm*3mm                                 |
| Minimum Testing material size | 3mm*6mm                                   |
| Test Range                    | 0-1000GU                                  |
| Resolution                    | 0.1GU                                     |
| Repeatability                 | 0-120GU:±0.2GU 120-1000GU:±0.2%           |
| Reproducibility               | 0-120GU:±0.5GU 120-1000GU:±0.5%           |
| Zero error                    | 0.1GU                                     |
| Error of indication           | 0-120GU:±1.5GU 120-1000GU:±1.5%           |
| Battery capacity              | rechargeable lithium 3.7V@1000mAh         |
| Display                       | 192x64                                    |
| System Language               | Chinese(Simplified), English              |
| Charging interface            | USB(Type-C)                               |
| Data Interface                | USB                                       |
| Size                          | 102*35*51mm                               |
| Weight                        | About 300g                                |
| Working temperature           | 10~45°C, 0~85%RH(no condensation)         |
| Storage temperature           | -10~60°C, 0~85%RH(no condensation)        |
| Alt Name                      | Gloss Meter with Micro Measuring Aperture |

## FEATURES

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Put and read with no button operation.

Adopting the D65 light source to make sure the accurate measurements

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#### Precise measurement

Gloss Meter could pass calibration by any national metrology institute, in line with Grade 1 gloss meter standard of JJG696-2002  
Great repeatability:  $\pm 0.2\text{GU}$  for 0-100GU;  $\pm 0.2\%$  reading for 100-1000GU.

#### Dual Mode

It has dual measurement modes that are applicable to different occasions. One is normal mode in which you can quickly read measurement results after putting the instrument on the surface of the sample. Another is QC mode in which it can automatically judge whether the result is qualified.

#### PC Software Support for Online Measurement

The instrument supports PC-connected measurement. The PC software can display measurement results in real time and export them as Excel files, making data records clearer.

#### Compact appearance

The instrument shell made of aluminum is small and convenient to carry out.

60° universal angle design is widely used in many fields.

Long battery life, energy-saving and environmental.

Advanced temperature compensation technology.

## APPLICATIONS

It measures curve material, material with irregular shape, small size plastic material, QC mode.



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