



GLOSS METER BKH-1401

GLOSS METER BKH-1401

GLOSS METER

This is a multi-angle designed gloss meter. Thanks to its ivory white engineering housing, its appearance is simple and generous. The device is widely used for the surface gloss measurement of paints, coatings, inks, plastics, ceramics, paper, stones, metals and other materials.

It has 3 measuring angles of 20°, 60° and 85°, so that the gloss at different angles can be measured at the same time. With its 2000GU measuring range, the device can measure materials with high gloss and even specular reflectivity. The device supports normal mode and QC mode. In normal mode, all you need to do is put the gloss meter on the sample whose gloss will be displayed on the screen of the device instantly. No need to wait. In QC mode, it can automatically determine whether the gloss of the material is qualified, thus the measurement efficiency is improved.



Multi-angle design, simultaneous measurement of gloss at different angles
This gloss meter breaks the conventional single-angle measurement mode and adopts a unique design of 20°, 60°, and 85° three-angle measurement. The gloss of different angles can be measured at the same time, which truly makes the measurement easier.

2000GU large measuring range

This gloss meter has a measuring range of up to 2000GU, which can measure high gloss and even specular reflective materials, so as to meet the different measurement needs of customers.

Free choice of measuring angle

Free combinations of single-angle, double-angles or multi-angles measurement.

Free choice of angles.

SPECIFICATIONS

Model	BKH-1401
Measuring Angle	20°, 60°, 85°
Measuring Light spot	20°: 9mm*9mm60°: 9mm*15mm85°: 5mm*38mm
Minimum Test Material Size	57mm*10mm
Measuring Range	20°: 0-2000GU60°: 0-1000GU85°: 0-160GU
Resolution	0.1GU
Repeatability	0-120GU:±0.2GU120-2000GU:±0.2%
Reproducibility	0-120GU:±0.5GU120-2000GU:±0.5%
Zero Error	0.1GU
Indication Error	0-120GU:±1.5GU120-2000GU:±1.5%
Power Supply	Lithium rechargeable battery 3.7V@2000mAh
Display	240x128 Dot Matrix
Language	Simplified Chinese, English
Charge Port	USB(Type-C)
Data Transmission	USB
Size	140*48*75mm
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

FEATURES

Multi-angle design, simultaneous measurement of gloss at different angles

This gloss meter breaks the conventional single-angle measurement mode and adopts a unique design of 20°, 60°, and 85° three-angle measurement. The gloss of different angles can be measured at the same time, which truly makes the measurement easier.

2000GU large measuring range

This gloss meter has a measuring range of up to 2000GU, which can measure high gloss and even specular reflective materials, so as to meet the different measurement needs of customers.

Free choice of measuring angle

Free combinations of single-angle, double-angles or multi-angles measurement. Free choice of angles.

0.2GU good repeatability makes measuring data stable

Using the imported chips and sensors with the unique 50-point linear fitting algorithm, repeatability of the gloss meter reaches $\pm 0.2GU$, and its resolution reaches 0.1GU. All these have contributed to unimaginable user experiences.

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.

Just put and test, refuse to wait for 0.5s

After the device is turned on, there is no need for button operations and the measuring speed is so fast that users don't have to wait for even 0.5s to see the gloss of the tested materials.

QC mode for auto qualification

In addition to normal mode, the device also supports QC mode. In this mode, the user can set the upper and lower limits for qualification judgment. This mode is suitable for batch testing.

Professional PC Software for Clearer Data Records

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

Smooth appearance, and comfortable grip

The housing is made of ivory white engineering plastic, humanized. And the streamlined body brings a comfortable grip, which realizes effortless long-term measurement.

Strive for perfection, and pursue excellent quality.

Long battery life, energy saving and environmental protection.

Environment temperature compensation.

One-button calibration for accurate measurement.

APPLICATIONS

It measures printing material, metal, leather goods, paint.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com