

Intelligent Gloss meter 20°/60°/85°

BGD 516-3

Product Description

BGD 516 Intelligent Glossmeters are kind of classical products with powerful functions, stable performance, high accuracy, simple use and maintenance. It can be used not only to measure the gloss of coating materials such as coatings and inks, but also to measure the surfaces of stone, ceramic tiles, profiles, paper, woodenware, plastics, films and metals, and can completely replace imported similar products.

Conforms to the standards: ISO 2813, ISO 7668, ASTM D 523, ASTM D 2457, ASTM C 584, DIN 67530, BS 3900 D5 etc

Starting-up self-diagnosis: It can promptly detect problems such as system errors, the abnormal surface state of a calibrating standard and an improper operation, etc., and give a prompting message.

It also allows user to modify the calibrating standard value which is traceable to complete the periodic calibration. Specially designed scroll wheel is easy to use, let the user enter different operation menu quickly.

Menu options presetting: Angle mode, standby time, the size of measuring group, etc.

Memory: Up to 10,000 measured data or 999 groups of data can be stored. For dual-glossmeter and tri-glossmeter, multi angle measurements can be done and displayed at the same time with just one-key operation.

Parameters can be displayed directly, such as the current measurement frequency, the current values measured and the averages of the group respectively.



Standards

ISO 2813, ISO 7668, ASTM D 523, ASTM D 2457, ASTM C 584, DIN 67530, BS 3900 D5 etc

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Technical Specification

- Eight languages including English, German, French, Italian, Spanish, Portuguese, Chinese and Russian can be selected as the display language. The meter can not only measure the gloss value, but also measure the haze equivalent to ASTM D 4039 (suitable for dual-glossmeter and tri-glossmeter)
- Instant deletion of invalid measurement: Press and hold on the measuring key (for about 2 seconds) to delete the last measurement data, invalid data usually due to mis-operation in the current measurement group.
- Prompts for operation: The meter is provided with functions such as prompt for storage full, self-diagnosis error and low battery. With the cable accessory, the meter can be connected to a computer conveniently.
- Bluetooth connection is provided for easy connection between the meter and a computer or the mobile device, not only extending functions, but also implementing intelligent measurement operation and production automation.
- The gloss data processing software (Windows version) is provided for free. With the software, users can preset parameters of the meter easily. Meanwhile, measured data stored in the meter can be uploaded to a computer for storage and processing, etc.
- Free mobile software (Android version): With the software, the meter can be operated cooperatively with the mobile for online measurement, setting and data uploading, etc.
- A single AA (LR6) battery, either alkaline or rechargeable battery is used for power supply. It has the features of low energy consumption, easy battery replacement, convenient carrying and mailing.
- Free warranty for one year and permanent maintenance.
- Provide technical support for gloss measurement.
- Supplied with calibration certificate.

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Main Technical Parameters

- Measuring Range: 0~119.9~2,000.0 GU
- Resolution: ±0.1GU
- Accuracy: ±1.5GU
- Stability: ±0.4GU/30min
- Power Supply: One AA battery, rechargeable or alkaline
- Voltage Supply: 1.2V-1.5V
- Measuring Area: 9mmx10mm (20°); 9mmx16mm (60°); 5mmx39mm (85°)
- Measuring Window: 12mmx28mm (20° & 60°); 12mmx60mm (85°)
- Dimensions: 155mmx48mmx75mm (LxDxH)
- Weight: 400g

Ordering Information: BGD 516-3 Intelligent Gloss meter 20°/60°/85°

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development