

Gloss Meter (Integral Type)



Model: GM-4 GM-7 GM-247

Applications

Glossmeter have different kinds of measurement angles. Generally, 20° applies to High Gloss Materials, 60° applies to Medium Gloss Materials, 85° applies to Low Gloss Materials. Two additional angles are used for other materials. An angle of 45° is specified for the measurement of ceramics, films, textiles and anodised aluminium, whilst 75° is specified for paper and printed materials.

Features

* In accordance with international standard ASTM D523, ASTM D1455, ASTM C346, ASTM C584, ASTM D2457, DIN EN ISO 2813, DIN 67530, EN ISO 7668, JIS Z 8741, MFT 30064, TAPPIT 480, GB 9754, GB/T 13891, GB 7706 and GB 8807.

Its technical parameters conform with JJG 696-2002.

* Accurate measurement, good repetitiveness.

* Automatic calibration. Small in size, easy to carry.

* Intelligent design, rapid measurement.

* Able to store 254 groups of measurements.

* Applies USB, Bluetooth data output.

* Built-in lithium ion rechargeable battery.

* Backlight display, suitable for low light environment.

Specifications

| Model | GM-4 | GM-7 | GM-247 |
|----------------------|---|------|-------------|
| Display | 4 Digits Backlit LCD | | |
| Measuring Angle | 45° | 75° | 20°/45°/75° |
| Range | 0.1~200 Gloss Units | | |
| Gloss Units | GU | | |
| Accuracy | ± 1.5GU (against reference standard JJG 696-2002) | | |
| Resolution | 0.1 | | |
| Repeatability | ± 0.5GU | | |
| Measuring Area | 7x14mm (Ellipse) | | |
| Data Memorized | 254 Groups | | |
| Operating Conditions | Temp. 0~40°C Humidity: <85%RH | | |
| Power Supply | 3.7 V Lithium Ion Rechargeable Battery | | |
| Dimensions | 140x45x75mm | | |
| Weight | 305g (Including Batteries) | | |

| Standard Accessories | Remarks |
|----------------------------------|---------|
| Main Unit | ✓ |
| Holder with Calibration Standard | ✓ |
| Optical Cleaning Cloth | ✓ |
| Carrying Case | ✓ |
| Operation Manual | ✓ |

| Optional Accessories | Remarks |
|--------------------------------------|---------|
| USB Data Cable with Software | ✓ |
| Bluetooth Data Adapter with Software | ✓ |