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› [GOYOJO 60° Digital Gloss Meter \(Model: MODEL\) Instruction Manual](#)

## GOYOJO MODEL

# GOYOJO 60° Digital Gloss Meter (Model: MODEL) Instruction Manual

Your guide to accurate gloss measurement

## 1. INTRODUCTION

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The GOYOJO 60° Digital Gloss Meter is a compact and precise instrument designed for measuring the gloss level of various surfaces. This device is suitable for applications in industries such as glass, mobile phones, ceramics, automobiles, and hardware. It features automatic calibration, a single 60° measuring angle, and a user-friendly interface for efficient operation.

This manual provides essential information on how to set up, operate, maintain, and troubleshoot your gloss meter to ensure accurate and consistent results.

## 2. PRODUCT OVERVIEW

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### 2.1 Components

Familiarize yourself with the main components of your GOYOJO 60° Digital Gloss Meter:



## Lightweight design

Weighs only 80 grams and is the size of a business card.

**Image 2.1:** The gloss meter and its calibration board, highlighting the Display Screen, Calibrated State indicator, Test Port, USB Port, Calibration Board, and Hand Strap Fastener.

- **Display Screen:** Shows measurement readings, battery status, and operational modes.
- **Calibrated State Indicator:** Displays the current calibration status.
- **Test Port:** The area where the gloss meter makes contact with the surface to be measured.
- **USB Port:** For charging the device.
- **Calibration Board:** Used for automatic calibration of the device.
- **Hand Strap Fastener:** For attaching a lanyard.

## 2.2 Key Features

- **Rapid Measurement:** Single measurement time is less than 1 second.
- **Extended Battery Life:** Capable of approximately 30,000 measurements on a single charge.
- **Compact and Lightweight:** Weighs only 80 grams, designed for portability.
- **Automatic Calibration:** No manual calibration required; the device calibrates automatically upon power-on.
- **Magnetic Suction Calibration Base:** Ensures secure and accurate calibration, protecting against contamination.
- **Versatile Application:** Suitable for measuring gloss on glass, mobile phones, ceramics, automotive finishes, and various hardware.

## 3. SETUP

### 3.1 Initial Charging

Before first use, ensure the gloss meter is fully charged. Connect the device to a USB power source using the provided USB cable. The battery indicator on the display will show charging status.

### 3.2 Power On

Press and hold the power button to turn on the device. The gloss meter will perform an automatic calibration upon startup.

### 3.3 Automatic Calibration

The device features intelligent automatic calibration. Simply place the gloss meter onto its magnetic suction calibration base. The device will automatically calibrate itself, ensuring accuracy for immediate measurements. Regular calibration is recommended to maintain long-term accuracy.

## 4. OPERATING INSTRUCTIONS

### 4.1 Single Measurement Mode

1. Ensure the device is powered on and calibrated.
2. Place the test port of the gloss meter firmly and flatly onto the surface to be measured.
3. Press the measurement button briefly. The gloss value will be displayed on the screen within 1 second.

### 4.2 Continuous Measurement Mode

For continuous monitoring of gloss levels:



**Image 4.1:** Press and hold the measurement button for 2 seconds to switch to continuous measurement mode.

1. With the device powered on, press and hold the measurement button for approximately 2 seconds.
2. The device will enter continuous measurement mode, providing real-time gloss readings as it is moved across a surface.
3. To exit continuous measurement mode, press the measurement button briefly again.

### 4.3 Reading the Display

The LCD display shows the gloss unit (GU) value. Note that this model displays gloss readings in whole units (e.g., 83 GU), not with decimal places.

## 5. MAINTENANCE

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### 5.1 Cleaning

- Use the provided cleaning cloth to gently wipe the test port and the calibration board.
- Ensure no dust or debris is present on the test port or calibration board, as this can affect measurement accuracy.
- Do not use abrasive cleaners or solvents.

### 5.2 Storage

Store the gloss meter in a clean, dry environment, away from extreme temperatures and direct sunlight. Always keep the calibration board clean and protected when not in use.

## 6. TROUBLESHOOTING

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- **Inconsistent Readings:** Ensure the test port and the surface being measured are clean. Re-calibrate the device by placing it on its calibration base. Ensure firm and flat contact with the surface during measurement.
- **Device Not Powering On:** Check the battery level. If low, connect the device to a USB power source and charge it fully.
- **Display Issues:** If the display is blank or shows errors, try restarting the device. If the issue persists, contact customer support.
- **No Change in Readings:** Verify that the device is in the correct measurement mode (single or continuous). Ensure the surface is being measured correctly and that there is a detectable difference in gloss if expecting a change.

## 7. SPECIFICATIONS

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Image 7.1: Detailed product parameters and dimensions.

Parameter	Value
Model Name	GYJ60-SE
Calibration	Automatic
Measuring Angle	60°
Test Index	Glossiness (GU)
Test Calibre	23 x 7 mm
Measuring Range	0-200 GU
Graduated Value	1 GU
Measurement Stability	1
Measurement Time	Less than 1 second
Screen	Full color display, 135*240, 1.14 inch
Interface	USB
Operating Temperature	0-40°C
Humidity	Less than 85%, no condensation
Weight	80g (approx. 2.8 oz)
Dimensions (L x W x H)	84mm x 70mm x 17mm (approx. 3.3 x 2.75 x 0.66 inches)
Battery Capacity	Approximately 30,000 measurements per charge (5,000 continuous measurements)
Power Source	Battery Powered
Accessories Included	USB cable, lanyard, user manual, calibration standard plate, cleaning cloth

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.