

PHOENIX GlossMeter

Multi-Angle Gloss Measuring Instrument

A high-precision gloss measurement instrument with a smooth ergonomic shape, stable optical performance, and long-lasting power for reliable gloss quality control across industrial surfaces.



20° / 60° / 85° Measurement

Three standard geometries for accurate gloss evaluation across glossy, semi-gloss, and matte finishes.



Dual Optical Path Technology

Engineered for precise gloss measurement with dependable optical performance and impressive consistency.



High Stability

Stability reaches 0.2 GU, supporting consistent readings during daily production inspection.



Ergonomic Smooth Grip

Its classic smooth shape fits comfortably in the palm, making operation easy and comfortable.



High-Capacity Battery

A 3000 mAh rechargeable lithium battery supports up to 54,300 continuous measurements.



International Standards Compliance

Complies with DIN 67530, ISO 2813, ASTM D523, JIS Z8741, BS 3900 Part D5, and JYG696.



*Shine Measured.
Quality Assured.*

Widely used for precise gloss quality control in a wide range of industries



Coatings



Automotive



Metals



Ceramic

PHOENiX GlossMeter

Technical Specifications

Measurement System

Measurement Angles	20°, 60° and 85°
Measurement Time	Less than 1 second
Measurement Modes	Simple mode; statistics mode
Accuracy	Conforms to JJG 696-2002 standard for first-class gloss meter
Optical Technology	Precision optical design for stable gloss evaluation

Optical & Performance Specifications

Test Light Spot	20°: 10 × 10 mm; 60°: 9 × 15 mm; 85°: 5 × 38mm
Gloss Measurement Range	20°: 0-2000 GU; 60°: 0-1000 GU; 85°: 0-160 GU
Stability	0-100 GU: 0.1 GU; >100 GU: 1 GU
Repeatability	0-100 GU: 0.2 GU; 100-2000 GU: 0.2%

Power, Capacity & Connectivity

Battery	3000 mAh rechargeable lithium battery
Continuous Measurements	Up to 54,300
Interface	USB; Bluetooth (optional)
Languages	English

Power & Physical Specifications

Dimensions	165 × 51 × 77mm (L × W × H)
Weight	About 400 g
Operating Temperature	0-40 °C
Working Humidity	<85%, no condensation

Standards Complied

Standards	DIN 67530; ISO 2813; ASTM D523; JIS Z8741; BS 3900 Part D5; JJG696
-----------	--

Included Accessories

Accessories	5 V / 2 A charger; USB cable; operation manual; PC software CD; calibration tile; verification certificat
-------------	---



For more information please visit <http://www.phoenixmeter.com>

All brand and product names are trademarks of their respective owners. Specifications and external appearance are subject to change without prior notice. The actual product color may differ from that shown in this brochure. Images in this brochure are illustrative and are not actual photographs; minor differences in appearance and detail may occur. Copyright © 2026 Phoenix Sample LLC. All rights reserved. This brochure, including its contents and layout, may not be modified, adapted, reproduced in whole or in part, or incorporated into other works without the prior written permission of Phoenix Sample LLC.