

PosiTector[®] GLS

Gloss Meter



Portable gloss measurement
for all surface finishes



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DeFelsko[®]
The Measure of Quality



PosiTector[®] GLS

All Gages Feature...

Simple

- Fast measurement speed—60+ readings per minute
- Large 2.8" impact resistant color touchscreen with keypad for quick navigation
- RESET feature instantly restores factory settings

Durable

- All-metal probe construction for long term stability
- Weatherproof, dustproof, and water-resistant gage body—IP65-rated enclosure
- Two year warranty on gage body AND probe

Accurate

- Certificate of Calibration showing traceability to NRC for both the probe and gloss standard included
- Automatic Diagnostic and Auto Calibration upon power-on using the protective base plate with integrated calibration standard (tile)
- Store multiple calibration standards (tiles) for quick calibration adjustment
- Conforms to national and international standards including ISO and ASTM

Versatile

- PosiTector body accepts all PosiTector probes easily converting to a coating thickness gage, dew point meter, surface profile gage, soluble salt tester, hardness tester, or ultrasonic wall thickness gage
- Selectable units for each geometry—Gloss and % Reflectance

Powerful

- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- Screen Capture—save screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits—can be used as Pass/Fail for quick inspection
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Every stored measurement is date and time stamped
- Compatible with PosiSoft Desktop software for managing measurement data and creating professional custom reports
- View pre-formatted reports and .csv data with PosiSoft USB Drive—no software installation required

Select Standard or Advanced Features

Standard Models

Includes ALL features as shown above plus...

- Storage of 1,000 readings per probe

Advanced Models

Includes ALL features as shown above plus...

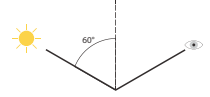
- Storage of 250,000 readings from multiple probes in up to 1,000 batches
- Differential Mode automatically calculates the difference between the current reading and a stored reference value
- 2 Powerful Scan Modes** for quantifying large surfaces
 - Normal** – take continuous readings
 - Statistics** – take continuous readings and record average, standard deviation, min/max, and number of readings while scanning
- Live graphing of measurement data
- Touchscreen keyboard for renaming batches, adding notes, and more
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- Bluetooth 4.0 Technology** for data transfer to a mobile device running the PosiTector App or optional portable printer. **BLE API** available for integration into third-party software.

Three Probes available

Select up to 3 measurement angles to suit any application

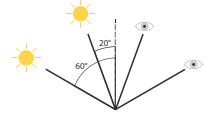
PosiTector[®] GLS60°

- Suitable for most gloss applications, preferred angle for semi-gloss



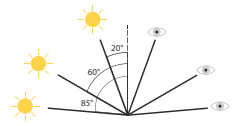
PosiTector[®] GLS20/60°

- Suitable for high- to semi- gloss applications
- Calculates Haze (Haze Index)



PosiTector[®] GLS20/60/85°

- Suitable for high-, semi-, and matte- gloss applications
- Calculates Haze (Haze Index)



Specifications	20°	60°	85°
Measurement Area	10 x 10 mm	10 x 20 mm	4 x 45 mm
Measurement Range	0 – 2,000 GU	0 – 1,000 GU	0 – 160 GU
Repeatability	±0.2 GU (≤100 GU), ±0.2% (>100 GU)		
Reproducibility	±0.5 GU (≤100 GU), ±0.5% (>100 GU)		
Resolution	Gloss	±0.1 GU (≤100 GU), ±1 GU (>100 GU)	
	% Reflectance	0.1%	
	Haze	±0.1 (≤100), ±1 (>100)	
Operating Conditions	0° to 45° C (32° to 113° F) - non-condensing		

ALL GAGES COME COMPLETE with protective base plate with integrated calibration standard (tile), 10 cleaning wipes, protective rubber holster, wrist strap, 3 AAA batteries, instructions, hard shell case, protective lens shield, Long Form Certificate of Calibration, USB cable, PosiSoft Software, two year warranty.



GAGE BODY

*Size: 127 x 66 x 25 mm (5" x 2.6" x 1")
*Weight: 137 g (4.9 oz.) without batteries

* Size and weight are for the PosiTector gage body only and do not include the probe.

PROBE

Size: 165 x 73 x 32 mm (6.5" x 2.875" x 1.25")
Weight: 555 g (19.6 oz.)

Ordering Guide			
	GLS 60	GLS 20/60	GLS 20/60/85
Geometries	60°	20° / 60°	20° / 60° / 85°
Haze		●	●
Standard Body and Probe	GLS60-1	GLS2060-1	GLS206085-1
Advanced Body and Probe	GLS60-3	GLS2060-3	GLS206085-3
Probe only	PRBGLS60	PRBGLS2060	PRBGLS206085

Conforms to ASTM C584/D523/D4039, ISO 2813/7668, DIN 67530, JIS Z 8741, AS/NZS 1580.602.2

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