

Digital Gloss Checker

Horiba Gloss Checker Series

Item Number: IG-320



- Compact, lightweight, and easy to operate
- Suitable for a variety of applications
- Provides accurate measurement results unaffected by color or ambient light
- High precision measurements with $\pm 0.5\%$ full scale reproducibility
- Gather data or view averages with a single key operation
- Automatic calibration
- Overrange display
- Built-in data memory (max. 99)

Horiba's IG series Gloss Checkers display gloss measurements as numerical data, eliminating ambiguity and ensuring objective evaluation of a product's quality. Compact in design and ready when powered on, all the user needs to do is hold the portable gloss checker against the surface being evaluated for quality control of paints, polishes, floor maintenance and many other industrial applications.

Specification

Model	IG-320	IG-331
Optical System	Incident angle 60° Reception 60°	60° measurement: Incident angle 60°, Reception angle 60° 20° measurement: Incident angle 20°, Reception angle 20°
Measuring Area	12 mm x 6 mm oval	60° measurement: 3 x 6 mm oval 20° measurement: 3 x 4 mm oval
Light Source	LED (Wavelength: 880 nm)	LED (Wavelength: 890 nm)
Detector	SPD (Silicone photodiode)	SPD (Silicone photodiode)
Measuring Range	0-100.0	0-100
Display Range	0-199.0 (Resolution: 0.1)	0-199 (Resolution: 1)
Reproducibility	$\pm 0.5\%$ F.S., ± 1 digit	$\pm 5\%$ F.S., ± 1 digit
Power Source	S-006P dry battery (9VDC) for operation CR-2025 lithium battery (3VDC) for memory	A3 dry cell battery x 4
Continued Use Time	15 hours or more	50 hours or more
Ambient Conditions	0-40°	10-40°