x-rite PANTONE®

GlossFlash

6060 Glossmeter

Non-Contact Gloss Measurement

GlossFlash 6060 is an ideal solution for manufacturing coated surfaces such as coil coating, grinded metal surfaces, anodized aluminum, plastic sheeting and tiles, and decorative façade elements. This non-contact, inline glossmeter measures gloss values directly on the production machine. In the event of deviations, it alerts the operator, allowing for immediate corrective actions to be taken before product wastage occurs, thus minimizing rework and enhancing production efficiency. The use of non-contact technology ensures compliance with international standards while providing objective and repeatable 60° gloss values in accordance with DIN 67530, ISO 2813, and ASTM D 523.

Measure Gloss at Critical Points Without Stopping Production

The GlossFlash 6060 is intended for accurate gloss measurement on production lines, providing quality control and reducing errors related to manual measurements from handheld gloss meters. It uses a 200-microsecond flash technology to measure a 17 x 26 mm area from a distance of 54mm with a standardized 60° angle, delivering consistent gloss readings on moving surfaces.

- Identify issues before the gloss falls outside of tolerance, allowing for immediate production parameter adjustments.
- Measure gloss on broad substrates using either a single-spot or traversing beam setup.
- Detect gloss variations across the substrate with an optional edge detection system.
- Ensure precise positioning on the production line with an internal laser distance and alignment system.
- Achieve consistent, optimal performance with automatic calibration when mounted alongside the ERX145 on a traversing beam.
- Ensures durability and reliability in industrial environments and continuous 24/7 usage.
- Automatically transfer gloss data between laboratory and production machinery for quality control and report generation.
- Integrate with the ERX145 color measurement device and ESWin software to provide a comprehensive inline solution that efficiently and precisely monitors both color and gloss.

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The GlossFlash 6060 comes in two models:

- GlossFlash 6060 Low: Measures gloss up to 100 units, ideal for coil coating, flooring, plastic sheets, and more.
- GlossFlash 6060 Medium: Measures gloss up to 515 units, suitable for brushed and grinded aluminum, steel, anodized aluminum, and more.

Specifications

Industry Standards	DIN 67530, ISO 2813, ASTM D 523.
Measuring Principle	Non-contact with flash technology
Measuring Geometry	60°/60°
Spot Size	17x26 mm
Housing	Durable aluminum housing for industrial applications
Dimensions	530 mm x 301 mm x 70 mm
Weight	about 12 kg
Measurement Distance	54mm +/- 2mm
Measurement Time	200 microseconds
Measurement Frequency	1 per every 2 secs
Lighting Source	Xenon flash lamp
Interface	Serial Interface RS232
Software	Windows 11

Service Support & Warranty

Drawing on our extensive experience in the world of color, X-Rite Pantone offers the right level of services, onsite and online, to support and nurture your business. Call on us for standard color services and training, or work with us to tailor training and services to your specific needs. We help you get color right the first time, right every time. For more information about extended support options, visit **www.xrite.com/extended-warranties-services.**

For more information about Glossflash, please visit **https://www.xrite.com/categories/inline-spectrophotometers/glossflash-6060.**

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