

The Benchmark in Color Appearance and Gloss Measurement



45G



Reference-Grade Performance in a Portable Instrument

- Industry's Best Inter-Instrument Agreement
- Measure Color & Gloss Simultaneously
- Standard Bluetooth Communication
- Pass/Fail on up to 3 Tolerances
- Backlit Color Industrial Touch Screen

The Datacolor 45G, a highly accurate portable spectrophotometer with integrated gloss measurement, allows customers to measure and control the surface appearance of products to achieve a close visual match. Datacolor 45G is ideal for inspection and control of painted surfaces, plastic parts, and other manufactured goods, producing measurement results that correlate better to visual assessment.

FEATURES

- Integrated 60° Gloss Meter for Simultaneous Color and Gloss Measurement.
- Powerful Datacolor Tools QC software included for in-depth analysis, archiving and communication of color data.
- Patent-pending full Spectrum LED illumination combines with the SP2000 spectral analyzer to provide the industry's best Inter-Instrument Agreement in a 45/0 instrument.
- Standard Bluetooth communication allows direct wireless measurement into Datacolor Tools software.
- Multiple Pass/Fail Tolerancing satisfies supply chain demands.

Best in class Accuracy

The Datacolor 45G Portable Spectrophotometer takes the guesswork out of Appearance Quality Control by offering the best repeatability and inter-instrument agreement of any portable 45/0 Spectrophotometer in the world - <0.15dE Average and <0.25 dE Max.

Integrated 60° Gloss Meter

The 45G also features an integrated 60° Gloss Meter, so that the user can measure Color Appearance and Gloss with a single button click, instead of using two separate instruments.

Standard Datacolor Tools Software

The Datacolor 45G Portable Spectrophotometer comes standard with Tools Basic software, comprising a complete QC measurement, analysis and reporting solution, while providing an efficient platform for the communication of digital color standards and measurement results.

Bluetooth Communication

Bluetooth is a standard feature of the Datacolor 45G, allowing users to measure directly and wirelessly into Datacolor Tools software, eliminating the need to be cabled or to transfer data after measurement.



The Datacolor 45G precisely and repeatably measures components where color, texture and gloss need to be tightly controlled.

APPLICATIONS

Automotive Interiors

The integrated 60° Gloss Meter in the Datacolor 45G reduces time and effort by recording two kinds of measurements at once, while the Datacolor Tools software stores and archives both Color Appearance and Gloss results in a single database.

Coil Coating

For Quality Assurance of pre-painted metal coils, the Datacolor 45G is the perfect solution, with industry-leading repeatability and inter-instrument agreement, enabling tight tolerances to be shared with formulators and end user fabricators.

Plastic Molded Parts

The Datacolor 45G precisely and repeatably measures the effects of Color and Texture enabling Quality personnel to evaluate and diagnose any production problems that may be causing changes in the appearance of their molded products.

Extruded Vinyl

Using the reference-grade Datacolor 45G for final inspection of all types of vinyl products ensures efficient color communication throughout the supply chain, effectively linking the specifications for all product lines.

Commercial Furniture

With its class-leading repeatability and inter-instrument agreement, the Datacolor 45G enables furniture manufacturers to efficiently communicate color appearance and gloss requirements to their entire supply chain, ensuring consistent evaluation of component parts batch to batch and year to year.

For more information, please visit www.datacolor.com/45g