"We need to deliver solutions that enable our car refinishing partners to meet the changing color requirements that come with modern car design. These solutions will help them better satisfy the demands of their customers and ultimately be more successful."

—Richard Fischer, HEAD OF THE COLORISTIC DEPARTMENT AT MIPA

▲ PICTURED: When a product incorporates several special paint effects, the X-Rite MA96 multi-angle spectrophotometer is an ideal color measurement solution.

MA96
Handheld spectrophotometers

Overview

Color can make or break a product. Metallics, pearlescents, and other complex special effect finishes deliver limitless possibilities for enhancing product appeal. And limitless challenges as well. Duplicating these complex colors from part to part is no easy task, especially in a distributed global supply chain. The mid-range intelligent handheld X-Rite MA96 multi-angle spectrophotometer features 6 angles of measurement to assess color accuracy for special effect and other paints and coatings.

Key Benefits

The standards-compliant MA96 also makes it easy to accurately measure flat, flexible and curved surfaces by using three pressure sensors that quickly indicate to operators that they have positioned the instrument correctly. Using the JOBS function, the instrument's large color LCD screen indicates where measurements should be taken with both text and visual cues, and records data for analysis using X-ColorQC software.

Benefits

- Capture spectral measurements that ensure consistent color across a global sourcing supply chain, even when multiple special-effect paints or coatings are used, with all components matching at the point of assembly.
- Measure incoming material to identify issues early in the process to reduce potential downtime or rework during subsequent manufacturing or assembly processes.
- Streamline color measurement during production with the fast, easy-to-use and understand X-Rite MA96 multi-angle spectrophotometer, minimizing downtime without sacrificing quality. The average measurement is achieved in 2 seconds.
- Leverage the JOBS function that allows for more consistent color measurements from shift to shift, minimizes the learning curve and reduces the probability of human error.
- Benefit from an instrument that meets DIN and ASTM standards, including: ASTM D 2244, E 308, E 1164, E 2194; DIN 5033, 6174, 6175-2; ISO 7724; SAE J1545.

For more information regarding this product, visit **http://www.xrite.com/ma96**

① Easy to configure and use.

② Accessories available for all types of measurements.

③ Comes with handy lanyard.

Recommended

X-Color QC

Organizing color data for all types of surfaces, materials and coatings while giving controlled access to authorized users can be a challenge and often requires the use of several systems. X-Color QC gives you the freedom to efficiently control color quality while reducing the margin for error. There is no need for separate systems and no need to patch different systems together. Instrument settings and product color palettes can be controlled down to the individual user level.

CarFlash

CarFlash is a non-contact multi-angle spectrophotometer designed to be integrated inline in robotics systems to ensure integrity of color quality throughout the production process. Non-contact inline measurement mitigates the risk of damaging paint during the measurement process. In addition, there is excellent inter-instrument agreement between CarFlash and X-Rite multi-angle spectrophotometers used in the laboratory. This ensures color consistency from design through manufacturing for even the most complex special effect paints and coatings.

Service Support & Warranty

Drawing on our extensive color expertise, X-Rite offers the right level of services on-site, online or on the phone, to support and nurture your business. For additional protection beyond the one-year warranty, take advantage of our extended warranty program. With global full service contracts, you can ensure your devices are well maintained through X-Rite's Annual Five Point Checkup, uniquely developed to keep devices performing to original specifications. With 12 global service centers, we make it easy to reach us. For more information about extended support options, visit **www.xrite.com/extended-warranties-services**

Specifications

	MA96
Battery	Lithium ion
Calibration	white/black calibration
Color Differences	L*a*b*, L*C*h°, ΔE*; ΔECMC; ΔE DIN6175, ΔE2000
Light Source	45° tungsten halogen
Measurement Geometry	6 Aspecular measurement angles
Humidity	85% Relative Humidity max (non-condensing)
Illuminants	A, C, D50, D65, F2, F7, F11 & F1
Illumination Spot Size	Approx. 12mm (.5 inch)

Full list of specifications available at **http://www.xrite.com/ma96**

www.xrite.com

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