

## MA98 Portable Multi-Angle Spectrophotometer



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 complex colors from part to part is no easy task. X-Rite has answers. Our MA98 spectrophotometer is an intelligent, hand-held tool with the power to provide reliable, consistent data on special effect coatings that were formerly impossible to measure.

By using dual illuminators and sensors that measure more in-plane and out-of-plane angles than any instrument in its class, the MA98 is the only device that meets the ASTM standard (E2539) for measuring interference pigments. We developed a proprietary mathematical model for just this purpose. It identifies surface data points and create a unique color signature that takes into account the coating formula and how the coating was applied.

Operation is enhanced by exclusive advantages, such as X-ColorQC® software that enhances process recording, reporting, and control and a JOBS software mode that allows text or visual measurement direction to ensure consistency.

So now, the only limit to working with special effect finishes is your imagination.

### Product Features:

- Accurate, repeatable sample positioning is obtainable with pressure feedback control and LED indicators

- Portable, lightweight, and rugged design featuring a soft touch overmold case with two-hand configuration
- xDNA driven, and bundled with X-Color QC measurement and analysis software
- Quick Reads, measurements are achieved within 2 seconds
- Ten angles of measurement and two illumination angles allow for complete analysis
- Strategic design ensures proper aperture location and measurements that are unaffected by ambient light
- Communication available through USB or wireless (Bluetooth)
- Program measurement position and sequence

### Product Benefits:

Increased lamp life featuring replaceable lamp modules, reduced battery consumption, with a lithium ion 7.4 v. commercially available battery

- Enhanced color resolution with a 31-point Dynamic Rotation Sampling color engine
- Compatibility with existing data measured by other X-Rite instruments
- Measurement unaffected by ambient light
- Intuitive four-button navigation and icon driven color LCD, allows for universal functionality in all work conditions
- Meets DIN and ASTM standards: ASTM D 2244, E 308, E 1164, E 2194, E 2539, DIN 5033, 6174, 6175-2, ISO 7724; SAE J154