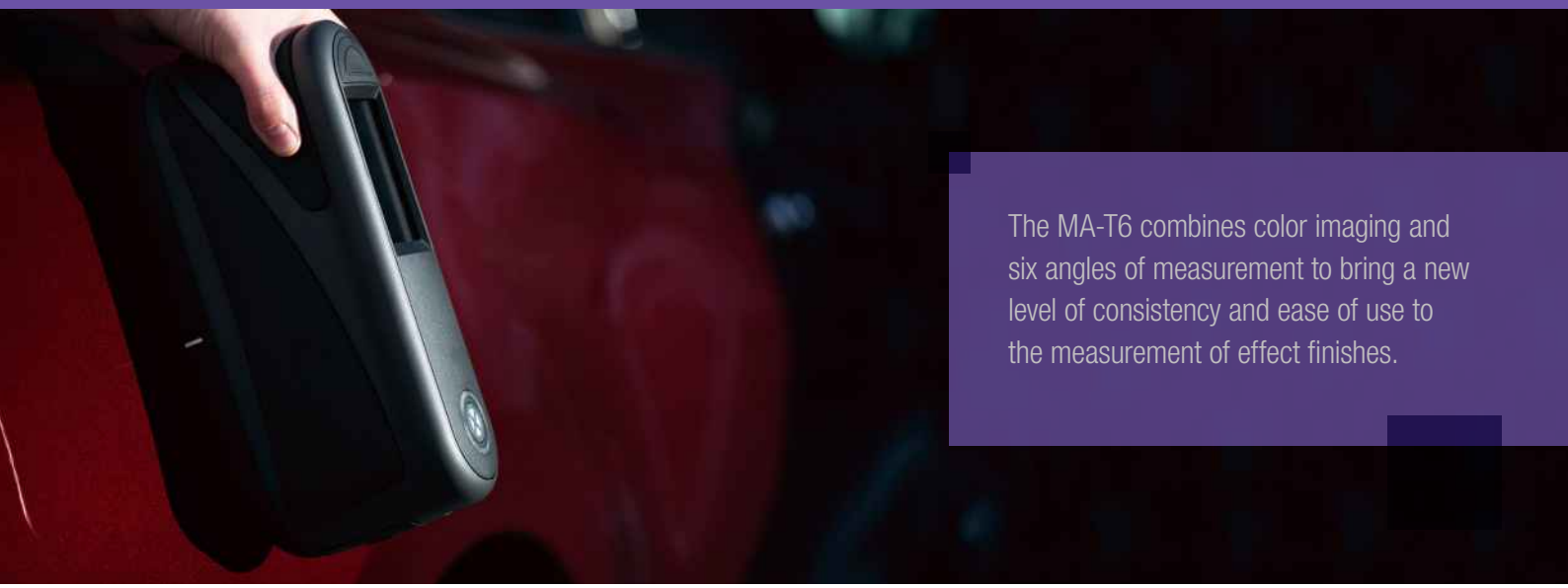
x-rite PANTONE®



The MA-T6 combines color imaging and six angles of measurement to bring a new level of consistency and ease of use to the measurement of effect finishes.

MA-T6

Portable Multi-Angle Spectrophotometer



Overview

Color is a decisive buying factor when it comes to the purchase of new products – from cars, to consumer electronics and household appliances. In today's competitive marketplace, manufacturers increasingly use extreme effect finishes to differentiate themselves. As a result, measurement of color alone is no longer sufficient to completely characterize these materials, or to ensure consistency across adjacent parts and distributed supply chains. The new MA-T6 coupled with AutoQC software is the ideal solution for quickly and accurately evaluating and verifying color, sparkle, and coarseness characteristics of effect finishes.

Key Benefits

The MA-T6 is part of the most advanced range of multi-angle spectrophotometers available today. A new design featuring an RGB color camera and 6 angles of measurement makes the MA-T6 a significant upgrade that will deliver more precise measurements and ensure your conformance with even the tightest tolerances. An ergonomic design features a centrally located aperture and positioning pins to ensure stable measurement. Modern touch screen navigation and live camera measurement previews make the MA-T6 simple and intuitive to use.

AutoQC, a software package included with the MA-T6, is a cloud-based solution that simplifies the process of defining, communicating, and ensuring conformance with standards and measurement procedures for color, sparkle, and coarseness across distributed supply chains. AutoQC's new visual tools, including performance trend charts and stored images of specific measurements, enable real-time performance monitoring and provide actionable insights that speed up the process of troubleshooting out-of-tolerance product.

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For more information regarding this product, visit **www.xrite.com/ma-t6**



Live preview ensures accurate targeting



Intuitive touch screen makes measurement easy



Real-time monitoring of color harmony for adjacent parts with AutoQC

Highlights

- Precise readings of colored sparkle and coarseness make repeatability and reproducibility more than twice as good as that of other devices on the market, minimizing waste and re-work across the production process
- Ability to characterize effect finishes across a variety of applications, from automotive paint to plastics and cosmetics through 6 angles of measurement
- Results you expect -- measurements that more closely approximate the way the eye perceives color -- streamline approval process
- Intuitive interface reduces the learning curve and increases measurement efficiency
- Automatic internal calibration reduces the risk of inaccurate measurements due to insufficient device calibration, and limits the need for external calibration to once per month
- Backwards compatibility with X-Rite MA68, MA94, MA96, and MA98 ensures a smooth transition with no loss of legacy data
- The ability to set and digitally communicate global tolerances and measurement procedures for color, sparkle, and coarseness across the supply chain improves ongoing conformance
- Real-time monitoring of color harmony across the supply chain enables quick adjustments to improve operating efficiencies
- New visual tools enable quick analysis and resolution for non-compliant product

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 twelve 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

	MA-T6
Measurement Geometry	6 measurement angles (6 illumination sources, 1 pick-up)
Inter-Instrument Agreement	0.18 ΔE2000 avg. on BCRA
Illumination Colors	Polychromatic white LED with blue enhancement
Illumination Spot Size	9mm x 12mm (.40in x .50in)
Illuminants	A, C, D50, D65, F2, F7, F11 & F1
Color Differences	L*a*b*, L*C*h°, ΔE*; ΔECMC; ΔE DIN6175, ΔE2000
Sparkle Measurement	Sparkle Grade, Color Sparkle Parameter, Illumination 15as-15, 15as15, 15as-30, 15as45,15as45,15as80, 15d Diffuse Coarseness
Sparkle Repeatability	0.12% (mean error on median %)
Coarseness Repeatability	0.09% (mean error on median %)
Sparkle Reproducibility	1.9 %(mean error on median %)
Coarseness Reproducibility	1.4% (mean error on median %)
Calibration Interval	30 days

Full list of specifications available at **www.xrite.com/ma-t6**

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