

ColorEye® XTS Satellite Spectrophotometer.

Performance Specifications.

The ColorEye XTS is a high-precision compact benchtop spectrophotometer featuring true dual beam technology, and laboratory grade stability and repeatability. This instrument is particularly suited to surface coatings and plastics industries.

Repeatability (white tile) (typical) (maximum)	0.05 RMS dE CIELab 0.10 RMS dE CIELab
Inter-instrument agreement (typical) (maximum)	0.15 AVG dE CIELab 0.25 AVG dE CIELab
Illumination Lamp life	Pulsed xenon >3,000,000 flashes
Measurement cycle time	1 second
Spectral range	360 to 750 nm
Wavelength interval	10nm
Photometric ranges (selectable)	0 to 120% reflectance 0 to 200% reflectance
Photometric resolution	0.01%
Aperture (sample) size Area of view (standard)	10mm dia illuminated, 5mm dia measured.
Optical configuration	Diffuse/8° Simultaneous specular component included- /excluded, 38mm dia integrating sphere, dual beam.
Dimensions	HWD – 17.8x14.6x27.9cm 5.8kg
Environment	10°C to 35°C 20 to 80% RHNC
Electrical requirements	230VAC 50/60Hz
Data interface	Serial RS232 2400-38400bd



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