



Paint Matching Instrument

X-Rite Ci™51

Versatile Spectrophotometer

A versatile instrument for reliable retail paint matching applications on a wide variety of sample sizes, shapes, textures, and opacity levels. The unit can be used as a tethered handheld device or mounted for small footprint benchtop use. A NetProfiler3-enabled system ensures consistent, precise performance.



X-Rite Ci51 Advantages

Versatile. Provides for both handheld or benchtop applications; remote read switch adds convenience

Easy to Operate. Close-and-play operation, supported by visual (LED) and audible status indicators

Measurement Integrity Enhanced. Dampened, flip back targeting shoe and remote measurement trigger make it easy to measure difficult-to-handle samples

Accommodates Wide Range of Samples and Sizes. Measurement capability of 14mm or larger on materials such as paper, plastic, fabric, and a variety of hard surfaces

Quick, Accurate Reads. Measurement time of 2 seconds on standard flat samples as well as complex shapes

NetProfiler®3 Enabled. On-board system optimizes instrument performance and allows for remote certification

Seamless Transition. Operates in agreement with X-Rite RM61 spectrophotometer

X-Rite Ci51 Specifications

Measuring Geometrics	d/8°, DRS spectral engine, SPIN
Optical Aperture	8mm measurement area 14mm target window
Light Source	Gas-filled tungsten lamp
Receiver	Blue-enhanced silicon photodiodes
Spectral Range	400 – 700nm
Spectral Interval	10nm – measured 10nm – output
Measurement Range	0 to 200% reflectance
Measuring Time	Approx. 2 seconds
Inter-Instrument Agreement	CIE L*a*b*: Avg. 0.30 ΔE^*_{ab} based on avg. of 12 BCRA Series II tiles (specular component included) Max. 0.50 ΔE^*_{ab} on any tile (specular component included)
Short-Term Repeatability	.10 ΔE^*_{ab} on white ceramic
NetProfiler Support	Embedded
Transform Support	Embedded
Lamp Life	Approx. 500,000 measurements
Power Supply	AC Adapter Requirements 90 – 130VAC or 100 – 240VAC, 50 – 60Hz, 15W max
Data Interface	USB
Operating Temperature Range	50° to 104°F (10° to 40°C) 85% relative humidity maximum (non-condensing)
Storage Temperature Range	-4° to 122°F (-20° to 50°C)
Weight	1.9 lbs. (.87 kg)
Dimensions	4.3”H (10.9 cm) x 3.6”W (9.1 cm) x 8.4”L (21.3 cm)
Accessories Provided	Calibration standards: Black trap removable white standard operations manual, AC adapter, USB cable with strain relief
Options	Optional benchtop stand sample presentation fixtures

A Full Line Of In-Store Color Matching Solutions

X-Rite is a world leader in color measurement, management, and communication technology for retail applications, providing the expertise and technology to make the most of your color opportunities...right from the start.

X-RITE WORLD HEADQUARTERS

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