



Quality Control Instrument

X-Rite Ci™4200 / Ci™4200UV

Benchtop Spectrophotometer

A reliable and accurate benchtop spectrophotometer that serves as the foundation for operations seeking to establish a color control program or one looking to improve an existing program that currently relies on non-spectral devices or visual inspection pass/fail methods.

The Ci4200/Ci4200UV sets the new standard for performance and features in an easy to use compact sphere benchtop solution that when combined with a tiered offering of Color QC and Formulation software applications can be scaled to support a growing color program.



X-Rite Ci4200 Specifications

Measuring Geometrics	d/8°, DRS spectral engine, Simultaneous SPIN / SPEX
Optical Aperture	8mm measurement area 14mm target window
Light Source	Gas-filled tungsten lamp UVLEDs (Ci4200UV)
Receiver	Blue-enhanced silicon photodiodes
Spectral Range	400 – 700nm
Spectral Interval	10nm – measured 10nm – output
Measurement Range	0 to 200% reflectance
Inter-Instrument Agreement	CIE L*a*b*: Avg. 0.20 ΔE^*ab based on avg. of 12 BCRA Series II tiles (specular component included) Max. 0.40 ΔE^*ab on any tile (specular component included)
Short-Term Repeatability	.05 ΔE^*ab on white ceramic
Measuring Time	Approx. 2 seconds
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	11.5 lbs. (5.2 kg)
Dimensions	8.7”H (22.0 cm) x 7.5”W (19.0 cm) x 10.4”L (26.4 cm)
Accessories Provided	Calibration standards: Black trap, White & green standards, UV Calibration standard (Ci4200UV), Operations manual, AC adapter, USB cable

X-Rite Ci4200/Ci4200UV Features

- Embedded NetProfiler enables users to monitor the performance of their population of instruments, optimizing measurement agreement
- Data compatibility with X-Rite sphere handhelds
- Available with calibrated UV to maintain accurate measurements between optically brightened samples
- Correlated 60° gloss value
- Embedded transform enabled
- LED membrane provides status and operation feedback with remote trigger
- Sample targeting / viewing via sample arm
- Simultaneous SCI/SCE measurement in 2 seconds
- Vertical and horizontal positioning

