



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

