



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.



PTDM 55 TRADING AND IMPORT EXPORT CO.,LTD.

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# X-Rite Ci4200 Specifications



## 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

### 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  $\Delta E^*ab$  based on avg. of 12 BCRA Series II tiles (specular component included)  
Max. 0.40  $\Delta E^*ab$  on any tile (specular component included)

### Short-Term Repeatability

.05  $\Delta E^*ab$  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



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