



“The Ci4200 is 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.”

— Mike Beering PRODUCT MANAGER AT X-RITE

▲ PICTURED: The Ci4200, an easy-to-use compact benchtop sphere spectrophotometer, combines with Color QC and Formulation software to support a color management program.

Ci4200

Benchtop Spectrophotometers



Overview

In a competitive marketplace, there is increasing pressure to improve color quality in the lab and in manufacturing to reduce rework due to errors and to deliver a faster time to market. The Ci4200 is an affordable benchtop spectrophotometer for small to medium-sized manufacturers who are aspiring to implement a higher degree of color formulation and color quality control in their product development and production processes. Combine with Color iQC or Color iMatch software to support an evolving color program.

Key Benefits

The Ci4200 is the foundation of a streamlined color workflow that delivers more accurate color performance for reduced costs and faster time to market. The advanced Ci4200UV adds the capability of self-calibrating UV illumination to accommodate evaluation of the effect of optical brightening and fluorescing agents that cause color to shift under different lighting conditions.

- Using standard measurement methods, immediately identify variances in color and gloss to ensure accurate color readings or to verify visual inspection (SPIN/SPEX).
- Produces correlated 60 gloss value for more accurate assessment of sample gloss in compliance with ASTM D523 and ISO 2813.
- With its embedded NetProfiler, manage performance and enable consistency across the supply chain regardless of where instruments are being used.
- Features data compatibility with X-Rite handheld spectrophotometers such as the Ci64 for ease of data exchange across the operation.
- LED membrane provides status and operation feedback with remote trigger and samples can be viewed and targeted with a sample arm for overall ease of use. It features accurate sample targeting and viewing via a sample arm and can be positioned vertically or horizontally.



- ① Compact, affordable benchtop spectrophotometer
- ② Sample arm for exact targeting of measurement area
- ③ Benchtop with the port up, for special samples such as powder.

Recommended

Color iMatch

Use X-Rite Color iMatch, a job-oriented color quality control and formulation solution for paint, plastics and textiles, to enable accurate color analysis and formulation for a variety of applications. Available in a variety of configurations to meet most, if not all, industrial color quality control and formulation needs.

NetProfiler

NetProfiler is an easy to use utility that allows you to verify, optimize, and certify the performance of your color measurement devices to ensure both that the instrument is performing to specification and that instruments across the supply chain are consistent with each other.

Service Support & Warranty

Drawing on our extensive color expertise, X-Rite offers the right level of services on-site, online or on the phone, to support and nurture your business. For additional protection beyond the one-year warranty, take advantage of our extended warranty program. With global full service contracts, you can ensure your devices are well maintained through X-Rite's Annual Five Point Checkup, uniquely developed to keep devices performing to original specifications. With 12 global service centers, we make it easy to reach us. For more information about extended support options, visit www.xrite.com/extended-warranties-services

Specifications

	Ci4200
Short Term Repeatability - White	.05 ΔE^*ab on white ceramic
Measurement Geometry	d/8°
Inter-Instrument Agreement	0.20 ΔE^*ab avg.
Illumination Spot Size	14mm
Lamp Life	Approx. 500,000 measurements
Light Source	Gas-filled tungsten lamp + UV LEDs*
Measurement Cycle Time	≈ 2 seconds
Measurement Spot	8mm
Measurement Time	≈ 2 seconds
Photometric Range	0 to 200%
Photometric Resolution	0.01%
Spectral Analyzer	Blue-enhanced silicon photodiodes
Spectral Interval	10nm

Full list of specifications available at www.xrite.com/ci4200