



“The Ci7500 is a brand-new sphere spectrophotometer addressing the needs of lab and QC professionals who primarily work with opaque materials. It brings the level of reliability, traceability and accuracy that our customers expect from an X-Rite benchtop solution.”

—Mike Beering PRODUCT MANAGER

Ci7500 Benchtop Spectrophotometer

Everything You Need. Nothing You Don't.

In manufacturing, there are many opportunities for color to go astray. The Ci7500 reflectance benchtop sphere spectrophotometer is the ideal, affordable solution to meet the needs of lab and quality control professionals who primarily work with opaque materials.

As a member of the Ci7x family of benchtop sphere spectrophotometers, the Ci7500 will deliver true process control for perfect color fidelity. By leveraging the Ci7x family of benchtops, manufacturers in the: **Textiles** – soft goods and apparel quality control; **Coatings** – coatings supply and finishers; and **Plastics** – injection molding and extrusion industries can reduce errors caused by measurement and procedural variation. This ensures more accurate and consistent color across a production workflow and preserves any tolerance for production variation.



Accelerate Color Approvals

- Eliminate procedural variations, miscommunications, and errors when paired with Color iQC or Color iMatch
 - Automated configuration capabilities
 - Guarantee that each user in your workflow sees the same data, the same way, with the same settings
 - Ensure data integrity by recognizing changes to digital data and adding to the audit trail
- Target samples accurately with video preview/image capture capability
- Create a visual audit trail to achieve and verify accurate and consistent measurements throughout the workflow

Optimize Accuracy and Consistency

- Optimize and verify the performance of the instrument with embedded NetProfiler software reducing measurement variations
- Eliminate instrumental measurement errors which could drive an incorrect decision, reducing rejections for off color products
- Use embedded instrument temperature and humidity sensors to record the conditions when a measurement was taken and tag measurement data for a more complete audit trail

Preserve and Protect Historical Data

- Calibrate and align with historical devices providing backwards data compatibility and ensuring color accuracy throughout your workflow

Ci7500 Benchtop Spectrophotometer

A Total Color Solution

From inspiration through formulation, production, and quality control, the Ci7x00 family of benchtop sphere spectrophotometers was specifically designed to minimize the contribution of measurement and procedural errors, ensuring the most accurate and consistent color control available. When paired with Color iQC or Color iMatch software, you will have the ability to verify and optimize the performance of your benchtop, as well as provide a measurement audit trail of variables that can negatively affect consistent color uniformity.



Quality Control

Do you need consistent communication of information throughout complex supply chains and the ability to move from quality control to quality assurance?

With the powerful combination of the Ci7500 and Color iQC software, you can ensure color quality is consistent through the workflow. Whether approving production samples or finished goods, Color iQC adapts to your customer's workflow to make controlling color fast, easy, and accurate. With Color iQC, you can be confident that final products meet color expectations.

Formulation

Are you looking for software that can help increase formulation control?

Using spectral matching, leveraging Color iMatch formulation software with your Ci7500 automatically determines the best colorant solutions based on selected parameters. This helps to increase formulation control and overall productivity and profitability for manufacturing color producers.

Instrument Optimization

Need to maintain agreement amongst your instruments in real time?

Pairing NetProfiler with your Ci7500 reduces color variance among instruments. NetProfiler is a blend of software and color standards for verifying and optimizing performance of color measurement devices.

Ci7500 Specifications

Repeatability max. white tile	0.03 DE*
Inter-instrument Agreement (SCI)	0.15 Avg. DE CIELAB
NetProfiler Support	Yes
Reflectance apertures standard	25mm AND 10mm
SCE/SCI measurements	Simultaneous
Instrument mounted measurement triggers	Stand / Trial / Preview (programmable)
Instrument configuration setup	Job Driven / User
Reflection sample preview	Video with image capture & Door
Embedded transforms	Enabled

Automated aperture plate detection	Yes
Calibrated UV (D65)	400 cut-off
Wavelength Range	360-750nm
Measurement cycle time	<3seconds
Effective Bandwidth / Data Interval	10nm
Photometric range	0% - 200%
Onboard instrument sensor reporting	Temperature & humidity sensors
Measurement plane orientation	Vertical and opt port up or down
Connectivity	USB and Ethernet
Tracability	NIST

Service Support and Warranty

X-Rite's color analysis and measurement solutions are engineered and manufactured to the most rigorous quality standards. These standards are backed by comprehensive global service, superior phone and web support, and preventative maintenance options to optimize your long-term investment. We have developed service support and warranty plans that are unique to your organization's specific products and needs.

Learn more by reviewing our service offerings on our website at: www.xrite.com/page/service-warranty
Still unsure of what you need? Contact us directly at: servicesupport@xrite.com



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