



“Having the latest color management technology means we can continue to improve color consistency and streamline our quality control processes. With the Ci7800 and Ci64UV, we have standardized on X-Rite instruments across the entire facility. We now have the best possible color management process.”

—Anthony Guarriello OWNER, ULTIMATE TEXTILES

▲ PICTURED: Ci7800 benchtop spectrophotometer measuring textiles in a lab

Ci7800

Benchtop Spectrophotometer



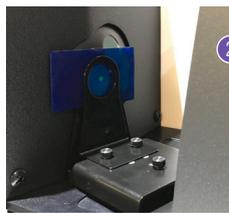
Overview

Color fidelity across the entire supply chain is the optimal goal in color-critical industries. From inspiration through formulation, production and quality control, the Ci7800 benchtop sphere spectrophotometer is the most advanced instrument in the market. When combined with NetProfiler and Color iQC or Color iMatch, the Ci7800 delivers a complete color management solution. A calibrated UV standard is available for advanced fluorescent and optical brightener control in paper, textiles, plastics, paint & coatings.

Key Benefits

The Ci7800 is designed with standards compliance in mind, including ASTM E3098 and CIE guidelines. It fits seamlessly into operational and data environments including the ability to conform to legacy data formats. In addition, X-Rite software solutions enable customer specific color matching, which ensures accuracy, consistency, and the ability to analyze, store, and communicate results with your partners.

- The Ci7800's 0.08 inter-instrument agreement delivers exceptional accuracy; its repeatability of 0.01 provides consistency, measurement after measurement.
- When used with Color iQC / Color iMatch and NetProfiler software, organizations using the X-Rite Ci7800 benefit from automated measurement verification and software-driven set-up delivers for consistent configuration and communication across all locations. Its easy-to-read LED status panel ensures operator ease of use.
- Automated configuration with Color iQC or Color iMatch allows for standardized procedures that simplify production processes and eliminate operational errors.
- Includes multiple reflection and transmission apertures to enable more measurement flexibility as well as the ability to measure smaller samples with exceptional color accuracy.
- Complete audit trail and internal humidity and temperature sensors ensure accurate track and trace for all measurements.
- Compliant with industry standards, including CIE No. 15, ASTM D1003, ISO 7724/1.



- ① Ci7800 Benchtop Spectrophotometer
- ② Laser transmission targeting
- ③ LCD display/video targeting

Recommended Software

Color iQC and Color iMatch

Use Color iQC and Color iMatch, job-oriented color quality control and formulation solutions including paint, plastics and textiles, to enable accurate color analysis and formulation for a variety of applications. Available in several configurations to support color formulation and quality control needs.

NetProfiler

NetProfiler, a cloud-based blend of software and color standards from X-Rite, reduces variances among measurement devices. It allows users to verify and optimize performance of color measurement instruments, correcting issues caused by age, wear or environmental conditions. When NetProfiler is consistently used across the supply chain, it enables the accurate exchange of spectral color data for formulation of ink and other colorants, quality control and reproduction of Pantone or other special colors where tolerances are tight and there is little room for error.

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 twelve 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

	Ci7800
Inter-instrument agreement – ΔE^* avg (SCI)	0.08
Repeatability RMS ΔE^*	0.01
Photometric Resolution	0.001%
Wavelength Range	360-780 nm
Simultaneous Specular Included /Excluded	✓
Internal Temperature & Humidity Sensor	✓
420UV, 460UV Cutoff	Optional
Laser Transmission Targeting	✓
Total Transmission Aperatures	Four: 22, 17, 10, 6mm
Reflectance Aperatures	Five: 25, 17, 10, 6, 3.5**mm

*Specifications subject to change without notice
 **Optional

Full list of specifications available at www.xrite.com/ci7800-Benchtop