"The Ci7600 is the best mid-range benchtop sphere spectrophotometer for use in the lab, R&D, production, quality control and more. When combined with X-Rite software solutions, it becomes a complete, end-to-end color management solution that will reduce errors and rework, speeding time to market"

—Mike Beering   PRODUCT MANAGER, X-RITE

▲ PICTURED: Ci7600 benchtop spectrophotometer measuring plastics in a lab

Ci7600

Benchtop Spectrophotometer

Overview

Ensuring accurate color means reduced rejects and waste in a color-critical supply chain. When combined with NetProfiler and Color iQC or Color iMatch, the Ci7600 mid-range benchtop spectrophotometer delivers a complete color measurement and management solution that delivers consistency and is easy to service. Optional UV balancing is available for advanced fluorescent and optical brightener control in paper, textiles, plastics and paint & coatings.

Key Benefits

When combined with NetProfiler and Color iQC software, the Ci7600 delivers a complete color measurement and management solution for quality control professionals that is stable, delivers true consistency and is easier to service than any other benchtop sphere spectrophotometer in the market today. In addition, when combined with Color iQC as an integral part of the color workflow, specifiers and suppliers alike can be assured that color quality is consistent in the laboratory, pre-production and production.

- Fits seamlessly into operational and data environments including the ability to conform to legacy data formats. Its 0.15ΔE* inter-Instrument agreement means it can communicate with good accuracy; and its ability to repeat identical measurements with a 0.03 ΔE* makes it a solution that provides consistency, measurement after measurement.
- Automated, software-driven set-up delivers consistent configuration across all locations. Its easy-to-read LED status display ensures operator ease of use.
- 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 changes to measurements.
- Compliant with industry standards, including CIE No. 15, ASTM D1003, and ISO 7724/1

1. Ci7600 Benchtop Spectrophotometer

2. Transmission compartment

3. Accessory drawer

Recommended Software

Color iQC and Color iMatch
Use Color iQC and Color iMatch, job-oriented color quality control and formulation solutions for 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 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.

Specifications

	Ci7600
Inter-instrument Agreement – ΔE* avg (SCI)	0.15
Repeatability RMS ΔE*	0.03
Photometric Resolution	0.01%
Wavelength Range	360-750 nm
Simultaneous Specular Included/Excluded	✓
Internal Temperature & Humidity Sensor	✓
420UV, 460UV Cutoff	Optional
Laser Transmission Targeting	✓
Total Transmission Apertures	Three: 22, 10, 6mm
Reflectance Apertures	Five: 25, 17**, 10, 6, 3.5**mm

*Specifications subject to change without notice
**Optional