x-rite PANTONE®



"The Ci7860 brings unmatched accuracy to the entire supply chain. It is a champion instrument for brand owners, key suppliers and manufacturers who create color specifications that must be flawlessly carried throughout the entire workflow to final production."

—Mike Beering PRODUCT MANAGER, X-RITE

▲ PICTURED: Ci7860 benchtop spectrophotometer measuring a PANTONE plastic standard in a lab

Ci7860

Benchtop Spectrophotometer



Overview

The Ci7860 benchtop sphere spectrophotometer is the most advanced color measurement instrument in the market. By generating digital master standards using the Ci7860, brand owners and specifiers can be assured of best-in-market color accuracy when communicating those standards to suppliers and other supply chain stakeholders. When combined with NetProfiler and Color iMatch or Color iQC, the Ci7860 delivers a complete color specification and management solution. By relying on its maximum 0.06 Avg. DE* inter-instrument agreement, brand owners and other specifiers will benefit from 25% tighter specification than any other available instrument and be certain that accurate color is reliably specified across the entire supply chain.

Key Benefits

Throughout the design and manufacturing process, there are numerous opportunities for color errors to creep in, building an error stack that ultimately can affect the quality of final production. Errors at that stage are costly, resulting in significant delays, waste and rework. By using the industry-leading Ci7860 benchtop spectrophotometer with its market leading inter-instrument agreement in the very beginning of the specification process, brand owners and key suppliers to manufacturers can reduce these risks.

- The Ci7860 delivers 25% tighter specification than any other color measurement instrument At 0.06 Avg. DE* maximum inter-instrument agreement. It acts as a master instrument and the go-to specification tool for use upstream in the supply chain.
- Fits seamlessly into operational environments including the ability to conform to legacy data formats.
- Complete audit trail and internal humidity and temperature sensors ensure accurate track and trace for all measurements.
- Calibrated UV for advanced optical brightener control in paper, textiles, plastics and paint & coatings. 400nm cut of filter is standard; 420nm and 460nm are optional
- Includes four reflectance apertures plus one optional 3.5mm. The measurement lens zooms automatically when the aperture is changed.
- Compliant with industry standards, including CIE No. 15, ASTM D1003, ISO 7724/1

You might also like...

Color iMatch

Use Color iMatch, a job-oriented color formulation solution for paint, plastics and textiles, to enable accurate color analysis and formulation for a variety of applications. It is PantoneLIVE enabled, allowing users to retrieve digital color standards from a cloud-based library in addition to or instead of using physical reference standards, which can deteriorate or be measured inconsistently. Available in a variety of configurations to meet most, if not all, industrial color 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

	Ci7860
IIA – DE* avg (SCI)	0.06
Repeatability RMS DE*	0.01
Photometric Resolution	0.001%
Wavelength Range	360-780 nm
Simultaneous SPIN/SPEX	✓
Internal temperature & humidity Sensor	✓
420UV, 460 UV Cutoff	Option
Laser Transmission Targeting	✓
Total Transmission Apertures	Four: 22,17,10,6mm
Reflectance Apertures	Five: 25, 17, 10, 6, 3.5***mm

*Optional as accessory

Novasys Group Pty Ltd
PO Box 1150
Mountain Gate 3156 Australia
Tel: +61 (0)3 9752 3766 Fax: +61 (0)3 9752 3977
Email: info@novasys.com.au Website: www.novasys.com.au

X-Rite is either a registered trademark or trademark of X-Rite, Incorporated in the United States and/or other countries. PANTONE©, PantoneLIVE and other Pantone trademarks are the property of Pantone LLC. All other trademarks or registered trademarks are the property of their respective owners. © X-Rite, Inc. 2016. All rights reserved.

L10-543-EN (08/16)

AMERICAS: 800-248-9748
EUROPE / AFRICA / MIDDLE EAST + 800-700-300-01
ASIA: + 86-21-6448-1155