X-Rite Ci7800/7600 Benchtop Spectrophotometer for the Textile and Apparel Industries

x-rite PANTONE®

Process Control for Perfect Color

From concept through dyeing to manufacturing of the final product, color fidelity across the entire supply chain is the optimal goal in the textile and apparel industries.

In a world where textiles and apparel are manufactured on an increasingly distributed and global basis, it can be challenging to ensure consistent color throughout the entire supply chain. Using next-generation color measurement instruments will ensure that specifications and tolerances are met. Right the first time. Right all the time.

Precise, Consistent Sample Measurement

With older benchtop spectrophotometers, it can be difficult to determine precisely which area on the sample will be measured, resulting in wasted time with trial-and-error measurements. Use the next-generation X-Rite benchtop spectrophotometer Ci7800, a master instrument, and the Ci7600, the cost effective compatible version. Use in combination with X-Rite NetProfiler and/or Color iMatch software for:

- Consistent and precise presentation samples for accurate sample-to-sample measurement.
- Fast measurement and comparison of samples of varying sizes.
- An audit trail that includes device condition, sample image, and parameters at the time of measurement.
- Multi-aperture design to accommodate measurement of complicated samples.

Minimize Downtime with Local Serviceability

Next-generation X-Rite Ci7800 and Ci7600 Benchtop Spectrophotometers are designed with serviceability in mind. Qualified local technicians can address most service issues on-site without the need to ship the instrument to a repair depot for servicing.

Automated Instrument Set-Up

Automated instrument set-up with easy-to-use software takes the guesswork out of instrument configuration and eliminates potential for error. Pre-load your custom job settings and reduce the learning curve for operators. Consistent measurement—a few mouse clicks away! The Ci7800 and Ci7600's easy to read LED screen ensures operator ease of use.

The Ultimate in Flexibility

Your new Ci7800 and Ci7600 comes with up to five apertures and three automated UV filters for the utmost in measurement flexibility. Even better: The measurement lens zooms automatically when the aperture is changed.



Without Color Management



With Color Management



Software Options for Improved Productivity, Reliability

By adding selected software solutions to support your X-Rite Ci7600/Ci7800, you can improve productivity and reduce errors and rework.

- **Cloud-based NetProfiler** to verify, optimize and certify the performance of your color measurement devices—across the plant or around the globe.
- **Color iMatch** for accurate color formulation to meet customer-provided standards.
- **Color iQC** to remove the guesswork from evaluating colors during the production process.
- **Color iQC Taper** is a color sequencing solution that allows you to place color data into a sequence to minimize the differences between adjacent rolls of fabric and reduce the possibility of creating shaded products.

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

Ink Textiles Plastics PANTONE LIVE Enabled

X-Rite Ci7800 and 7600 Benchtop Spectrophotometer for the Textile and Apparel Industries

Confidently Migrate Legacy Colors

Over the years, you have likely compiled a significant amount of data used in the specification, measurement and management of color. When you upgrade to an X-Rite Ci7800 or Ci7600 from an X-Rite CE7000A, Color i5 or Color i7 benchtop spectrophotometer, as well as selected competitive instruments, be assured that your legacy data will remain valid, protecting that important asset. X-Rite's Ci7600/Ci7800 fits seamlessly into your existing data environment.



Includes drawer for easier storage of device accessories.

Standards Compliance

The X-Rite Ci7800 and Ci7600 benchtop spectrophotometers are compliant with the following standards: CIE No. 15, ASTM D1003, ASTM E1164, DIN 5033 Teil 7, JIS Z 8722, ISO 7724/1.

Choosing the Right Benchtop Spectrophotometer

This handy chart is a summary of the specifications for the new X-Rite Ci7800 and Ci7600 benchtop spectrophotometers.

Specification	Ci7800	Ci7600
IIA – DE* avg (SCI)	0.08	0.15
Repeatibility RMS DE*	0.01	0.03
Photometric Resolution	0.001%	0.01%
Wavelenght Range	360-780nm	360-750 nm
Simultaneous SPIN/SPEX	✓	✓
Internal temperature & humidity Sensor	✓	✓
420UV, 460 UV Cutoff	Option	Option
Laser Transmission targeting	✓	✓
Total Transmission Apertures	Four: 27,17,10,6mm	Three: 22,10, 6mm
Reflectance Apertures	Five: 25,17,10,6, 3.5***mm	Five: 25,17**,10,6, 3.5**mm





X-Rite Services, Extended Warranty and Premium Support

Drawing on our extensive experience in the world of color, X-Rite offers the right level of services on-site or online, to support and nurture your business. Extend beyond the one year warranty with our extended warranty. With our full service contracts you can ensure your devices are well maintained, with X-Rites Annual Five Point Checkup, uniquely developed to keep devices performing to original specifications. With 12 global centers we make it even easier for customers to reach us.

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X-Rite, Inc. - Corporate Headquarters
4300 44th St. SE
Grand Rapids, MI 49512-4009 USA
Phone 800-248-9748 or
616-803-2100

Pantone
590 Commerce Blvd.
Carlstadt, NJ 07072-3098 USA
Phone 201-935-5500

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