X-Rite Ci7800/Ci7600 Benchtop Spectrophotometer for the Plastics Industry

x-rite PANTONE®

Process Control for Perfect Color

From concept through the final product, color accuracy across the entire supply chain is the optimal goal in the plastics industry.

In a world where plastics are manufactured on an increasingly distributed and global basis, with customers often seeking custom colors, it can be challenging to ensure consistent color throughout the entire supply chain and accurate colors at the point of delivery. 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

Older benchtop spectrophotometers can be complicated to configure for proper performance. It can be difficult to identify the exact measurement location and preview samples to check for defects, 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:

- Combined reflectance and transmission measurements to formulate to desired transparency or translucency.
- Automated, software-driven configuration across all locations.
- Fast, easy identification of the exact measurement location with a preview to check for defects.
- An audit trail that includes device condition, sample image, and parameters at the time of measurement.

Compliance Verification

When raw materials or final products arrive at their destination with color issues, it can be devastating to cost and delivery schedules. A supplier scorecard quickly and easily reports relative performance levels of suppliers so all appropriate stakeholders in the supply chain can catch and correct errors early in the process.

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 custom settings and reduce the learning curve for operators. Consistent measurement—a few mouse clicks away! The The Ci7800 and Ci7600's easy to read LED screen ensures operator ease of use.



Without Color Management



With Color Management



The Ultimate in Flexibility

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

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.

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Ink Textiles Plastics PANTONE LIVE Enabled

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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.

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.



Includes drawer for easier storage of device accessories.

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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