



Color iQC

Quality Control and Quality Assurance Software



Confidently Control Color & Quality Processes

Ensuring accurate, consistent color across a global supply chain can be challenging. Color iQC is a quality control software solution designed to meet the ever-evolving color measurement and management requirements in all industrial market segments. With Color iQC, specifiers and suppliers alike can be assured of consistent color throughout the entire supply chain, from specification to material suppliers to manufacturing and assembly. By having Color iQC as an integral part of quality control processes, all stakeholders can be confident that the design intent is carried through to the final product.

How much time is consumed by process and procedural errors throughout your supply chain that result in incorrect color and increased waste? Color iQC can reduce or eliminate these errors that deplete your error budget, so you can focus on what really matters – the color of your products.

Deliver Tight Tolerances Through a Connected Solution

- Leverage a job-based system that allows users across the globe to see and work on the same job in the same way, regardless of how the local software is configured.
- Create templates for common processes or materials, to include pre-defined standards, tolerances, settings, and displays to ensure operational consistency.
- Improve efficiency with a configurable desktop that can be developed for specific user requirements.
- Tailor and format any color data via a remote output feature to seamlessly share data with color partners and eliminate waste, rework, and inconsistencies.
- Ensure accurate and correct color measurement practices by defining instrument calibration and measurement modes.

Move from Controlling Quality to Assuring Quality

- Analyze why color errors occurred, identify leading indicators, and adjust the process.
- Ensure that final products meet color expectations through standardized procedures that simplify production processes and eliminate operational errors.
- Maintain a complete audit trail to improve communication across the supply chain and achieve a shortened time to market.

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A Complete Quality Control Solution

Color iQC is available in a variety of configurations to streamline color communications and meet specific color quality needs:

- **Color iQC Professional:** The industry's most complete set of color quality control tools, covering everything from quick pass/fail checks to detailed quality analysis.
- **Color iQC Management:** It helps move from quality control to quality assurance using an instrument-less tool for color management and analysis.
- **Color iQC Basic:** A networkable and fully upgradeable solution for quality control and product verification.
- **Color iQC Online Edition:** A server-based solution with centralized management of functionality and data accessibility that enables color data and procedures to be shared across locations.

Specifications

Color Spaces CIE L*a*b*, CIE L*C*h*, Hunter Lab, CIE (XYZxy)
Observers 2 degree, 10 degree
Illuminants D50, D55, D65, D75, F2, F7, F11, C, A, Horizon (GretagMacbeth), TL84, Ultralume 3000, New CIE LED Illuminants (B1, B2, B3, B4, B5, BH1, RGB1, V1, V2)
Color Differences FMC11, CIE DL*, Da*, Db*, CIE DL*, DC*, DH*, Hunter DL, Da, Db
Pass / Fail All Attributes of CIELab, CIELch or HunterLab, CMC (l:c), CIE2000 (l:c:h)
Industry Standard Indices Whiteness [ASTM E313, CIE, GANZ, Berger, Stens by, Taube, Tappi] Yellowness [ASTM E313, D1925], Opacity [Contrast Ratio, Tappi] Strength [SWL, Summed, Weighted Sum], Haze, Munsell Notation Orange Juice, Gloss [ASTM E429, Gloss60] Grey Scale [ISO 105 Staining, Color Change] Metamerism, Color Constancy Index, APHA

Notable Features

Job Driven Workflows
User Definable Screen Layouts
Interactive Plots and Graphs
Job Files
Multiple Levels of Password Protection
Data Tagging, Tracking, and Auditing
Connectivity: Import/Export Capabilities
Multiple Tolerancing Methods [User, Statistical, CMC, Historical]
NetProfiler Enabled
Traceability/Automatic Associations
Networkable Database
Design system links [Adobe]
Cross Trial Color Differences
Data Output to XML, Style Sheets, Direct-to-Database
Scorecarding and Reporting
Hyper Spectral Imaging

Service Support & Warranty

Drawing on our extensive experience in the world of color, X-Rite Pantone offers the right level of services, onsite and online, to support and nurture your business. Call on us for standard color services and training, or work with us to tailor training and services to your specific needs. We help you get color right the first time, right every time. For more information about extended support options, visit: www.xrite.com/extended-warranties-services.



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