X-Color QC

Color Measurement and System Control

The Key to Modern Color Management

x-rite

The One Solution
For Color Quality Control

Organize and control color data for all types of surfaces, coatings, and paints in a single, flexible platform with X-Color QC, a new generation of color management technology from X-Rite.

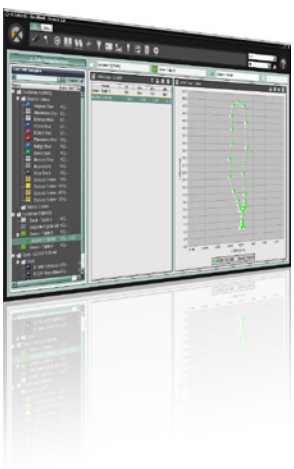
X-Color QC gives you the freedom to efficiently control color quality while reducing the margin for error. No need for separate systems. No need to try and patch different programs together. No need to continually reset instruments and product color palettes for each user. X-Color QC lets you take control, including security and data access, all in one, convenient program.

The Power of X:

A Software Platform That Gets the Details Right

X-Color QC is built on revolutionary xDNA (X-Rite Dynamic Numerical Analysis) technology, a proprietary architecture that brings the finer points of color QC into focus. This ensures that color data is not only accurate and complete, but available in an easy-to-follow format for those who need it. With X-Color QC, you immediately gain the following advantages:

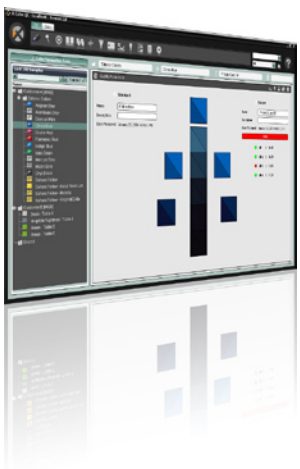
- Process and workflow simplification – users with little training can perform color collection and analysis
- Flexibility, allowing users to make comparisons of data, view information, and make relationships with data in whatever manner they require
- Control modern complex colors in the laboratory, in production, and throughout the supply chain
- Manage increasing larger volumes of data coupled with the ability to easily select data and drill down for detailed analysis
- Establishment and control of tight tolerances, as well as capability to construct tolerances using colorimetric values, indices, or industry specific standards
- Ability to separate color formulation from process control problems



The Power To Manage Efficiently

Because it is essential to control modern complex colors in the laboratory, in production, and throughout the supply chain, color programs must be as flexible as they are accurate. Without this option, color data management often becomes unwieldy. Processes and programs are held up waiting for data or analysis. Time is lost and customers are placed at risk. X-Color QC supports a variety of database formats and features built-in flexibility to expedite color analysis and streamline reporting and data management:

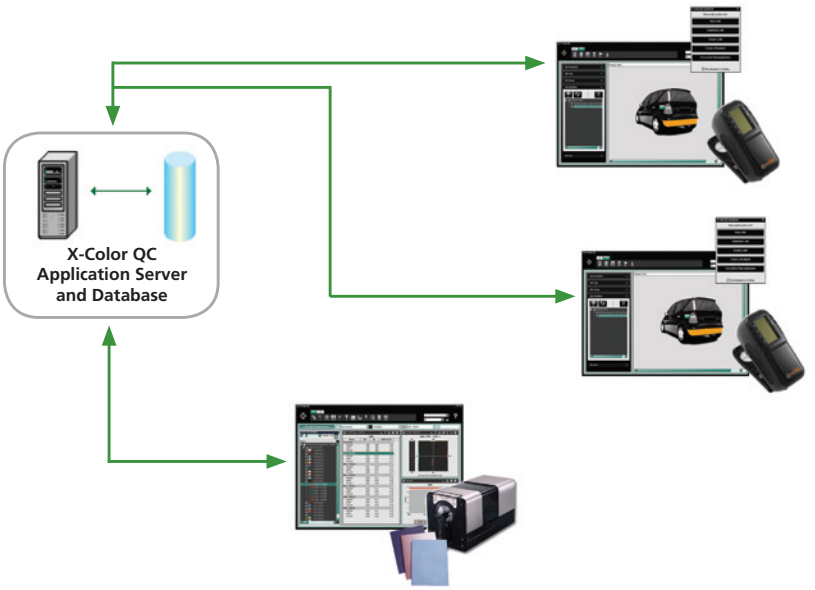
- Gain full reporting and graphing for thorough analysis
- Enhanced on-screen appearance rendering for clear color footprint
- Create desktops tailored to specific user requirements
- Develop software configurations for specific customer processes
- Produce custom-tailored screen configurations to automate routine functions
- Switch specific display properties for in-depth analysis without affecting overall system settings
- Maintain data from multiple instrument geometries in a single database
- Manage data by user or function



The Power To Stay Connected

Most current color QC systems need to operate within a network and with information that needs to be shared and distributed among a variety of users, often in discrete formats. The challenge is to consistently meet these requirements while maintaining control over data and user rights. X-Color QC offers solutions that allow any number of locations to easily communicate and share data. Advantages include:

- Supervisory control over user rights and permissions
- Supervisor-directed ability to hide controls and functions for specific users
- Access management over a global database
- Display settings controlled globally or locally
- Display area viewing in a variety of user-directed formats



System and User Friendly

The value of any QC system is its ability to simplify process and workflow while producing precise, repeatable measurements. X-Color QC is a finely tuned program that makes it easy for anyone to perform color collection and analysis. Users with little training or experience can quickly understand and work with the software. In addition, a QC system can be structured to accommodate specific product and operator requirements. X-Color QC provides this flexibility through the:

- Ability to compare data, view information, and make relationships with data in any manner or form needed
- Grouping of menu and toolbar commands into logical blocks and tabular arrangements that eliminate disruptive, crowded screens
- Tabbed toolbars that allow for quick access to only those features that relate to a specific object
- Sequential modeling of jobs and procedures that provide step-by-step direction and automate routine processes to reduce errors
- Simple programming procedure to create standards and samples
- Availability of pop-up views for performing quick color analysis

Compatible With the Following Instruments and Systems

Even though it is a proprietary program, X-Color QC is tailored to work with standard measurement instruments and database formats. This includes:

- Enterprise Level operation that uses a true web service/ open source architecture for the optimum convenience
- Connections to distributed/network database not limited to VPN
- Elimination of need for proprietary network protocols, such as Citrix, thereby reducing implementation costs
- Support of a variety of database formats: Derby [default], MySQL, Microsoft SQL
- Centralized control and management for customers who produce at different physical locations

xDNA™

The Future Of Measurement Technology

X-Rite's newest development is xDNA™ (X-Rite Dynamic Numerical Analysis) – a powerful tool for anyone who needs to understand the impact of formula or process conditions on the overall color and appearance of effect paints that contain metallic, pearlescent, or special effect interference pigments. xDNA-driven instruments provide the means to digitally connect color from design to final product manufacturing, giving companies along the supply chain a reliable method for color and appearance measurement, evaluation and analysis.

Comprehensive Laboratory Service

For evaluating color performance and measurement standards, X-Rite maintains fully accredited laboratories throughout the world. Each is accredited in accordance with the recognized International Standard ISO / IEC 17025 and also meets additional program requirements in the field of calibration.

The Color of Success

The global market continues to present challenges and opportunities. Color QC plays an increasingly significant role in product development and buyer preference. X-Rite offers you the expertise and technology to make the most of your color opportunities. On time. Every time.

For more information, visit **xrite.com**

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