

# Color iQC Print



## Innovative Color Quality Control Solution for Print and Packaging

**Color iQC Print: designed to meet evolving color measurement and management requirements in the printing and packaging industries**

Color iQC Print is a Process Control solution that incorporates the latest digital workflow technologies and standards for a complete color quality control solution. With a PantoneLIVE™ enabled license, printers and converters can connect to the PantoneLIVE™ database, ensuring secure access to accurate spectral values for brand color palettes, delivering color that is right the first time, right every time. Color iQC Online ensures centralized control and management yet provides easy access to all authorized users within the color network. Measurement of color data is not a one-time event; with Color iQC Print data is captured and reports generated that establish an enterprise-wide view.

### Choose Color iQC Print for color quality control and benefit from:

- Compliance with industry standards, including G7, PSO, ISO, JPMA.
- Define quality metrics like Density, dE, Dot Gain, Overprint/Trapping and Gray balance.
- Operations Managers, Production and Ink Lab Managers can tailor to meet their department needs, whether by shift, operator or locations.
- Associate by job, sheet or sample set.
- Meet brand managers color expectations by enabling PantoneLIVE.
- Integrated with NetProfiler allows IQC to support accurate measurements on an enterprise level.

### Global Connectivity—Any Place, Any Time

Color iQC Print provides multiple methods for users to select and format color data, directing it to a location or application of choice within the color network. This ability for color systems to share data across time and geography is becoming increasingly important in a fast-paced and highly connected working environment. An easy-to-use application program interface (API) allows direct connectivity to software functionality.



Statistical analysis to keep your business on track

### Improve Productivity with Measurement Modes and Templates

Within Color iQC Print, color measurements are containers that can have multiple spectral curves, user defined tags, security settings, measurement properties, procedures and colorimetric data. Jobs and their contents, settings and layouts can be derived from pre-established templates, allowing the creation of tailored job types preset for routine functions, eliminating repetitive work and improving productivity.

### Preserve Critical Color Data for More Accurate Communication

Sending a job to another user within Color iQC Print is easy. Color iQC Print transfers all of its contents, including settings, displays, screen layout, tolerances and data, preserving everything exactly as it was specified in the source system. Color iQC Print also allows the creation of desktops tailored for different workflows and for different types of users to streamline the work process.

### Traceability and Continuity Within the Production Workflow

For every measurement, colorant and collection in Color iQC Print, a unique code is created that allows the identification of that specific object during its entire life cycle, allowing reliable color data to be circulated within the global color network. Each measurement contains a signature that validates the instrument conditions used to measure it, the type of instrument, the procedures used and any NetProfiler actions or model transforms applied to the data.



# Color iQC Print

## Measurement Conditions and Filters

- M0: No Filter, UV included
- M1: Part 1, D50 (Daylight) through the entire visible spectrum
- M2: UV Cutoff Filter, UV excluded
- M3: Polarization Filter

## Import and Export a Wide Range of File Formats

Color iQC Print can import and export file formats that include CxF1, CxF2, CxF3, EXP, QTX, MIF, SMP, XML, PAL, TXT, DAT, MDB and more, simplifying the exchange of accurate and reliable color information across the color network.



## Color iQC Print Highlights

Reduced Costs	Minimize ink and paper waste by detecting color issues early in the process
Greater Efficiency	Monitor color quality during production; to identify early problem detection, reduces re-work, and allows more jobs to be processed
Operational Reporting	HTML Report data that is easy to share across the business. Ties with XML users can create custom reports that present the data the way operations needs.
Meet brand managers expectations	Compare early make-ready to approved print or legacy sample ensuring color is correct prior to full production
Color iQC Print supports	X-Rite eXact, SpectroEye, and XRG-compliant 939 and 530 instruments. Color iQC supports a range of X-Rite spherical spectrophotometers like SP64 and Ci52

x-rite | eXact™



## Measuring the Color Network from Ink Kitchen to Pressroom

### Get to Color in ONE CLICK

X-Rite eXact™ is a next generation handheld color measurement solution that takes into account the new business needs and dynamics of a global supply chain. X-Rite eXact enables printers and packaging converters to truly understand, control and manage color across the entire color network, ensuring the utmost in color accuracy.

- **X-Rite eXact Densitometer:** For CMYK operations that want a set of tools for today with the option to migrate to more features as their businesses change.
- **X-Rite eXact Standard Spectrophotometer:** Ensure accurate printing of both CMYK and spot colors as well as leveraging industry standard for process control.
- **X-Rite eXact Advanced Spectrophotometer:** Ink labs, quality control labs and manufacturing partners who must achieve the highest quality with the broadest toolset will choose eXact Advanced.
- **Options include:** scanning, Bluetooth, NetProfiler3, PantoneLIVE and a choice of 4 aperture sizes to meet your application needs.



## Grow your business with PantoneLIVE

When it is time for production, connect to PantoneLIVE, a secure cloud based spectral color database that ensures precise color at the point of production. Spectral definitions for each color are organized in a secure, cloud based ecosystem, providing the right formulation for production and ensuring consistent color on a multitude of substrates and print technologies. Right the first time, Right every time.

**PantoneLIVE. Where you color lives. And thrives.**

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