InkFormulation Software

x·rite

PANTONE®

Professional Color Formulation for Printers, Converters and Ink Manufacturers

X-Rite's InkFormulation Software provides a fast, accurate and consistent ink formulation, formula creation, storage, approval and retrieval solution for offset, flexographic, gravure and screen-printing inks.

The market expects color consistency in print, independent from ink and printing conditions, and color-accurate inks are important to meeting that demand. X-Rite's InkFormulation software presents a solution that ensures ink forumulations of the highest quality.

And it's not just for new formulations, but also for work off of ink leftovers. New InkFormulation 6 gives ink suppliers and printers more flexibility over recipes and assortments, improves basic materials handling, simplifies definition of the right ink film thickness, and helps to provides hazardous waste.

- **Flexibility in data exchange** with networked databases and internet communication features, allowing ink suppliers and printers to efficiently share color data with other locations.

- **Streamlined user interface** with "undo" functionality, more flexible sorting criteria for recipes, simplified substrate database access, easy creation and selection of customized print layouts and much more.

Compliance with standards, including CxF[3] and X-Rite Graphic Arts Standard [XRGA]

InkFormulation 6 and ColorQuality 6 databases works to XRGA standards. InkFormulation 6 works to XRGA standards. This means that your non-XRGA X-Rite spectrophotometers can send data to InkFormulation where it will automatically be converted to the XRGA standard. The XRGA common language provides a common measurement language helping bring older technology to a higher consistency to meet todays quality control requirements.

Improved Basic Material Module

With Version 6's newly improved Basic Material Module, users can work with a variety of additives within one assortment, allowing them to change a single additive in a recipe without having to re-do the draw down or create a completely new assortment. This significantly simplifies the handling of ink assortments and recipes, giving users more control over their ink database.

Grow your business with PantoneLIVE

InkFormulation 6 is PantoneLIVE compatible. 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.

Film Thickness Calibration Module

The new Film Thickness Calibration Module allows users to quickly and precisely determine the right ink film thickness for flexo, gravure and screen-printing. Users no longer need to re-measure known recipes for different line screens or rollers to adjust the film thickness manually; they simply enter the roller or screen as a parameter and the software automatically determines the required film thickness. This leads to faster make ready and reduces the number of assortments needed, resulting in a streamlined formulation process.

Leftover Ink Management

Provides necessary tools to aid in achieving color. When used with X-Rite's renowned Leftover Management feature, also included in InkFormulation 6, allows leftover inks to be reused in new recipes during the formulation process. InkFormulation provides recommendations about how to reduce the amount of leftover inks and allows for any leftovers to be reworked into new formulations, reducing inventory and waste, lowering disposal costs and providing a rapid return on users' InkFormulation investment.

Press   Ink   Packaging   Enabled

InkFormulation Software

Product Packages

InkFormulation is available in four configurations; you only purchase the functionality you need.

InkFormulation PrinterBasic

A cost-effective system designed for small to medium-sized printers. Easily and quickly formulate custom inks working with a database supplied by your preferred ink manufacturer. Configured with an X-Rite Color Handheld device, this solution is ideal for the printer that previously could not justify having in-house formulation capabilities.

InkFormulation PrinterPro

The standard package for medium-sized to large printers. Formulate custom inks without creating and maintaining a colorant database. Import and work with colorant databases supplied by your preferred ink manufacturer. Includes ColorQuality software to guarantee precise measurement, continuous control, and consistent documentation.

InkFormulation Manufacturer

A full version of InkFormulation designed for the Ink Manufacturer, providing the ability to create, store, and modify a colorant database. Build and maintain a complete colorant database featuring all the inks you use.

InkFormulation Online

A web-client solution for ink manufacturers and suppliers that allows their customers to access a centralized, easily updatable database of InkFormulation. Printers that do not wish to install local InkFormulation capability can easily access high quality InkFormulation databases—developed by experts—which they can rely on for mixing and matching inks.

Available Digital Libraries

Includes the PANTONE® PLUS SERIES (Coated, Uncoated), PANTONE MATCHING SYSTEM® (Coated, Uncoated, Matte), and PANTONE® Goe™ System (Coated, Uncoated) for No-Filter, Pol-Filter, D65 and UVcut, and also the HKS libraries (K,N,Z,E).

Recommended System Requirements

- Core 2 Duo, 2GHZ
- Windows XP SP2, Windows Vista, Windows 7
- 2 GB RAM
- 100 GB of hard-disk space
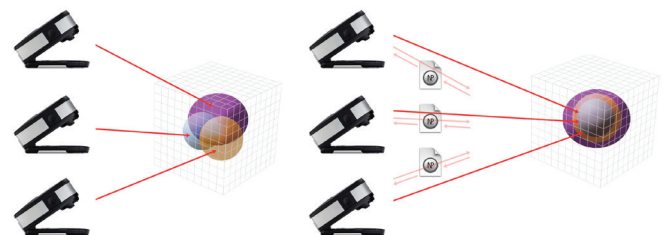- Screen resolution of 1280 x 1024
- USB-Port

Refer to xrite.com for full specifications

Supported Devices

X-Rite eXact

X-Rite SpectroEye

X-Rite 939 / 962 / 964

X-Rite Color i5 / i7

Spectrolino

X-Rite SP62 / SP64

X-Rite 530

CE 7000, CE 7000A

CE XTH

CE XTS

CE 2180

CE 3100

Ensure Color Accuracy
Across the Color Network

NetProfiler enables the accurate exchange of spectral color data in applications such as ink formulation, color quality control and spot color reproduction where color tolerances are tight and there is little room for error. Errors in measurements can be the result of many different factors, and most can be corrected by profiling. This easy-to-use-solution helps to reduce costs due to measurement drift, identifies instruments in need of service, and helps to avoid inaccurate color in the production of products.

Normal Measurement Drift

NetProfiler 3

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PantoneLIVE. Where your color lives. And thrives.

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L7-533-EN (11/12)