Color Management AND Communication Solutions

Connecting **color** from **inspiration** to **production**, from **concept** to **consumer**.

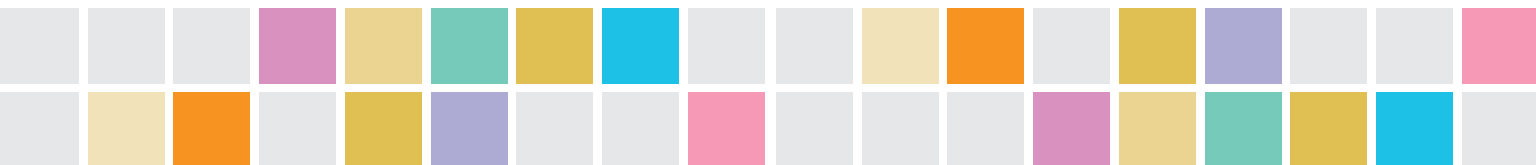# X-Rite Color Management and Communication Solutions

Connecting color from inspiration to production, from concept to consumer.

X-Rite sets the standard for color control in the printing and packaging industries, making it possible for you to achieve flawless color on time, every time. Our solutions have revolutionized every step in the printing supply chain, from color inspiration, content creation, color specification, color identification, color proofing, plate production, ink formulation, digital printing, to offset printing and flexography.

We understand the importance of having complete control over your prepress and pressroom workflows. X-Rite's solutions allow you to achieve that control by communicating color information simply and accurately between multiple locations throughout the entire production process - whether your colleagues are in the next room or across the globe. Quite simply, X-Rite allows you to get control of color faster, more easily, and more accurately - resulting in more consistent and repeatable results for every job.

Brand Owner

Designer

Photographer

Color Specification
Accurate color starts with accurate specification. With CxF and custom color standards, customers can share spectral color data and visual color samples throughout any print production workflow.

Color Identification
Deisgners need to be able to trust that their vision will be reproduced faithfully. X-Rite color communication and color management tools ensure their colors look right and reproduce correctly.

Color Profiling
Want to be sure that the digital photo you are delivering to your client is accurate? By checking it on a color-managed monitor and a calibrated digital photo printer, you can ensure a great looking photo when it's reproduced in production.
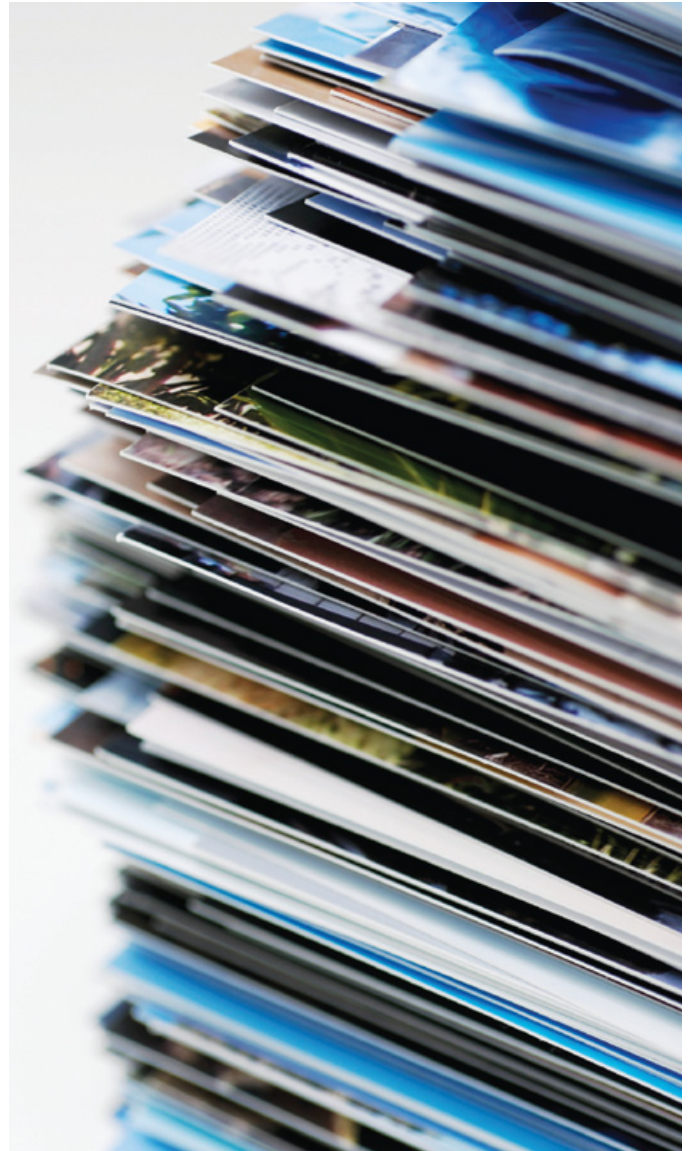
Package Printing Solutions

Because brand recognition and integrity depend on packaging, customers demand consistency from their package printers. At X-Rite, we know that brand specifiers demands for color consistency are increasing, with lower and lower Δ tolerances. To ensure they get the control they need, packaging experts around the world rely on X-Rite's extensive line of color management solutions developed specifically for flexography and gravure printing. From CMYK to MultiColor to true N-Color printing, X-Rite has the tools to help customers achieve accurate color throughout the package printing process - no matter what the substrate.

Commercial Printing Solutions

X-Rite offers a full range of color measurement solutions for the commercial printing industry. The secret to color management lies in feature-rich software and hardware working together to put expert, intuitive color tools at your fingertips. The ability to specify, formulate, and reproduce spot colors can make or break relationships with your customers. X-Rite offers a wide range of tools that will fit seamlessly into your workflow so that can get you to the right color faster, and ensure you can reproduce it faithfully, time after time.

Total Solutions for Printing and Prepress

Regardless of the size or volume of your printing operation, we have the perfect solution for you. Each is built on X-Rite's hallmarks of innovation and reliability. Based on a thorough understanding of our customers' needs, we are committed to offering the printing industry's most comprehensive collection of precision measurement tools and advanced, multi-functional software. Our goal is to help you get the right color the first time, and every time - quickly, easily, efficiently, accurately, affordably.

PrePress

Ink Supplier

Plate Production and Pressroom

Color Proofing

X-Rite color management solutions ensure accurate and consistent color on all devices for all your proofing applications, including multi-color jobs. The i1iSis automated chart reader with Optical Brightener Compensation (OBC) is the ideal proofing solution when used together with ProfileMaker or MonacoPROFILER software.

Color Formulation

Delays in getting the right ink on press can cost precious time and money, and also affect customer satisfaction. X-Rite's InkFormulation software is the right choice for fast, accurate recipe creation, storage, approval, and retrieval. X-Rite's ink leftover management tool allows you to reformulate leftovers and make money from your waste.

Pressroom Quality Control

X-Rite's plate reading solutions allow you check your plates and correct errors before your job goes on press. Our handheld spectrophotometers, as well as our IntelliTrax and vipPAQ inline measuring systems let you easily perform quality checks in real time during production.

Prepress

i1®XTreme

The ultimate package in X-Rite's i1 line of color management solutions, i1XTreme is for those who want it all. Perfect for anyone seeking a single-source solution for all of their color controls, i1XTreme allows you to create custom profiles for displays, RGB and CMYK printers, scanners, digital cameras and projectors, as well as measure flash and ambient light and spot colors. The package comes with user-friendly i1 Match profiling and editing software, in addition to i1Share software to help you share your color data with others.

i1®iSis - now with Optical Brightening Compensation (OBC)

i1iSis is X-Rite's answer for anyone needing to automate printer profile creation. The i1iSis automated chart reader takes speed and accuracy to new levels. Available in two sizes: standard/letter or tabloid/A3, i1iSis reads up to 2,500 patches printed on a single A3 page. Its unique vision system automatically corrects chart misalignment and interprets bar codes to prevent chart identification problems. When used in conjunction with ProfileMaker 5 or MonacoPROFILER software, as well as with the new Optical Brightener Compensation module, i1iSis with it's built in UV LED and and "automatic filter switch" technology is the only solution that can effectively correct for color shifts in custom ICC output profiles caused by optical brightening agents in paper-based substrates. You will no longer waste valuable time manually-scanning rows or reading individual color patches.
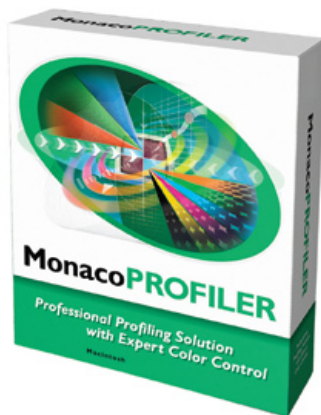
i1®iO

i1iO is an automated chart-reading scanning table that allows you to measure substrates up to 10 mm thick, including photo paper, fine art rag, cardstock, textile, poly bag, and even ceramics. Upgrading to the i1iO is ideal for anyone seeking increased automation. Providing fast measurements for reflective test charts on these types of substrates, i1iO reads more than 500 patches per minute, giving you quick, custom profiles in no time.
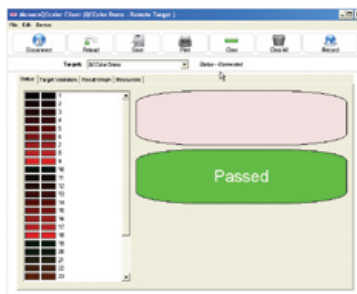
ProfilerMaker (PM) 5 Software

Available in four versions: PM5 Photostudio, PM5 Publish, PM5 Publish Plus and PM5 Packaging, ProfileMaker is the go-to software for print professionals worldwide to build high-quality, reliable, and custom ICC profiles tailored to your specific requirements. The profiles connect all the steps in your workflow and put you on the path to accuracy and predictability. PM5 Packaging software allows you to achieve a consistent spot color packaging workflow. It incorporates our outstanding Generic Output Profiler (GOP) technology, which allows you to easily swap colors from an existing press profile without having to run new test charts.

MonacoPROFILER Software

MonacoPROFILER is the graphic arts professional's choice for ICC profile creation and editing. It offers high-quality color output for any technology, including inkjet, laser, offset, and flexo printing. It is the ideal software for reprographic shops, photo labs, commercial photography, small print shops, service bureaus, newspapers, large print vendors, fine art reproduction studios, high-end commercial photography, and high quality print shops.

MonacoQCcolor Software

MonacoQCcolor is an objective, fail-safe tool for measuring color proofs and verifying whether they meet job requirements. This cross-platform quality-control solution is offered in two versions that meet a full range of needs – Monaco QCcolor Desktop designed for basic workflows, and Monaco QCcolor Network Suite for more advanced workflows. Whether your output devices reside in a single location or are dispersed around the world, Monaco QCcolor software delivers color proof fidelity.

Plate Setting

iCPlate2™

iCPlate2 delivers a high level of accuracy for standard plate-reading applications. It offers high camera resolution, automatic calibration, and extended battery life. iCPlate2 is available in two different configurations- X and XT.

iCPlate2 X is designed for customers who troubleshoot occasionally. iCPlate2 measures dot area on common metal and polyester plate types.

iCPlate2 XT is best for customers who regularly troubleshoot their plates, providing more measurement values (dot area, screen ruling, dot size and screen angle) and offering more detailed screening analysis.
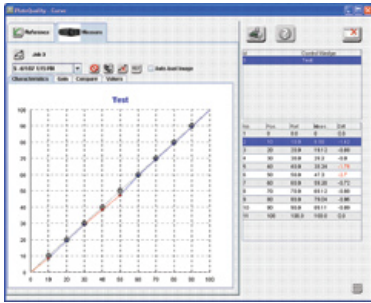
iCPlate2 X and XT both support current screening technologies including AM, FM, hybrid, and concentric screening.
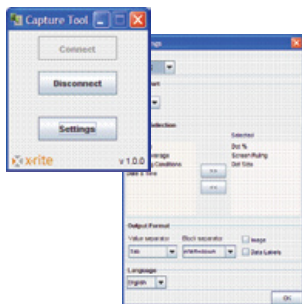
PlateScope™

PlateScope offers advanced, unsurpassed accuracy and repeatability for the latest plate and screening technologies, including process-free, low latency plates (i.e. Fujifilm Pro-T) as well as for standard offset plates. PlateScope is equipped with a high resolution black and white camera to ensure that the edges of dots are accurately detected and measured, even when dealing with extreme highlights and shadows. PlateScope supports current screening technologies, including AM, FM, XM, and hybrid screen types. It is ideal for customers who are disciplined about process control, who printing to standards such as SWOP, GRACoL (G7), FOGRA or ISO, and for those who are who are coordinating output between multiple CTP devices.
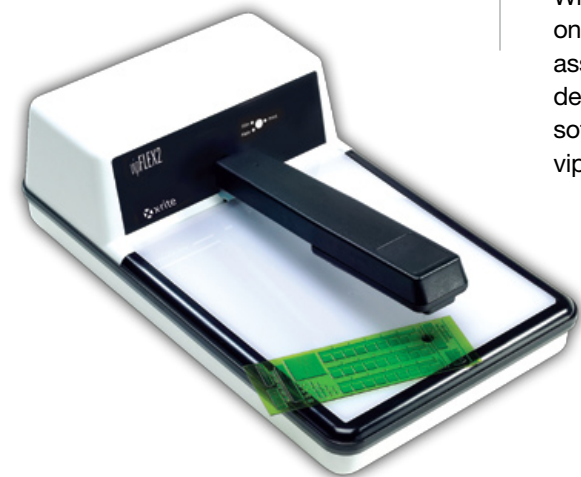
PlateQuality 2.0 & Capture Tool Software

Designed specifically for X-Rite plate control devices, PlateQuality software stores, visualizes and documents both individual measurements and plate characteristic curve measurements. This gives operators a visual dot reference to save for later reference. PlateQuality software is included with PlateScope and is optional for iCPlate2 models.
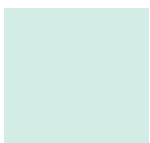

Capture Tool software allows users to easily import measurement values and plate images directly into any Windows™ application for quality tracking purposes. Capture Tool software is included with both iCPlate2 models and with PlateScope.

vipFLEX2

When it comes to flexographic print production, vipFLEX2 is the one solution capable of handling all of your plate production quality assurance needs. This complete solution includes the vipFLEX2 desktop plate reader for transparent flexo plates, PlateQuality Flexo software for analyzing and storing plate quality information, and the vipFLEX2 target to quickly and easily verify device accuracy.

Ink Formulation
for Ink Suppliers and Printers

InkFormulation Software

InkFormulation is the software of choice for fast, accurate formula creation, storage, approval and retrieval. It features an intuitive user interface, networkable databases and Web-based communication so ink suppliers and printers can efficiently share color data with locations across the globe. InkFormulation's exclusive Ink Leftover Management functionality allows you to reuse leftovers in new recipes, helping to reduce waste and lower costs. InkFormulation software is available in four versions – IFS PrinterBasic, IFS PrinterPro, IFS Manufacturer and IFS Online – giving you options to tailor IFS to your needs.

ColorQuality Software

ColorQuality software delivers a versatile, flexible, and network-capable program for controlling and documenting color. Supporting ISO 12647-2, ColorQuality software is designed for ink manufacturers, printers, and quality assurance labs to monitor and ensure the quality of colors, providing trend and statistical quality information for each job. ColorQuality integrates digital versions of the most popular color guides, such as the PANTONE® FORMULA GUIDE and PANTONE® GoeGuide™.

NetProfiler 2 Software

NetProfiler 2 software enables you to easily automate your global instrument management process from a single location via the Internet. It works by calibrating your entire population of spectrophotometers to a virtual standard using a combination of software and certified print color standards. With NetProfiler, you will be able to trust your measurements every time.
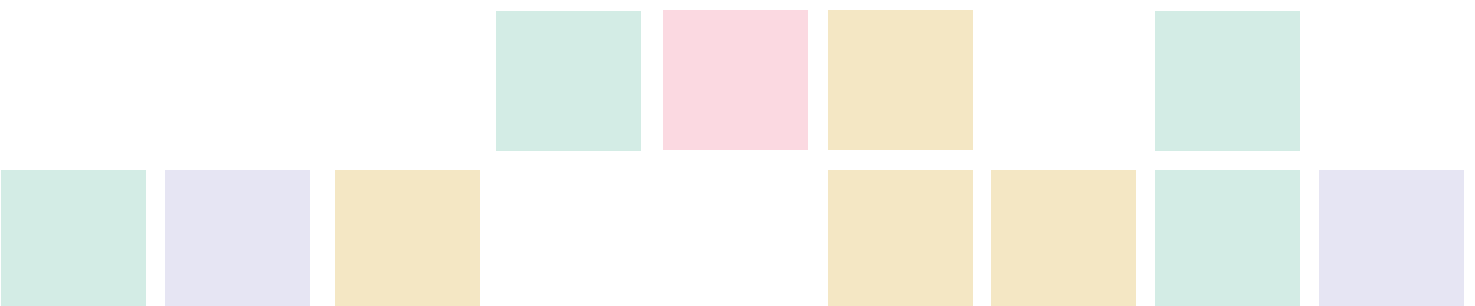
Pressroom

Color Handhelds

QUIKDens 100

QUIKDens is a fast and affordable entry-level densitometer that keeps things simple for anyone who wants to do a quick quality control check of their CMYK printing process. You can immediately take measurements with virtually no training. QUIKDens 100 includes the basic functions necessary for measuring density and gray balance.

DensiEye™ 700

The DensiEye 700 portable reflection densitometer is ideal for four-color CMYK printing. It allows you to measure all of the critical factors in the printing process to help speed make-ready and recognize mistakes before they end up on-press. With its fully automated functions and clear pass/fail indicator, DensiEye will enhance your productivity, while requiring only basic know-how of print quality control. It includes all the necessary functions for measurement including density, dot gain, dot area, trapping, gray balance, and print characteristic measurements.

Pressroom

SpectroEye™

Combining measurement accuracy with ergonomics and ease-of-use, this portable, handheld spectrophotometer offers all the functions (including ISO 12647-2 support) necessary to accurately measure and control color. It also features all the density measurement functions needed to quickly and easily monitor and control color thickness on-press. The SpectroEye portfolio, which includes the SpectroEye, SpectroEye SA (Small Aperture) and SpectroEye LT (Lite) models, has a solution for every need and price point. SpectroEye integrates digital versions of the most popular color guides, such as the PANTONE® FORMULA GUIDE and PANTONE® GoeGuide™.

500 Series   504 - 508 - 518 - 528 - 530

The 500 series of handheld devices make up the industry's most complete line of densitometers and spectrophotometers. From a basic densitometer to a full spectrophotometer, these handhelds are known for their rugged design. All models are available with a variety of aperture size options. The 500 Series offers an amazingly high level of inter-instrument agreement, so you know you can trust them to give you comparable color measurements. The 528 and 530 spectrophotometer integrates the digital version of the PANTONE® FORMULA GUIDE.

939

X-Rite's 939 is the ultimate handheld spectrodensitometer, designed to provide incomparable accuracy and usefulness in the most demanding printing, packaging, proofing, and ink formulation applications. The 939 excels in multi-site and multi-device agreement, giving you the ultimate assurance in color consistency, and confidence in product or brand color integrity.
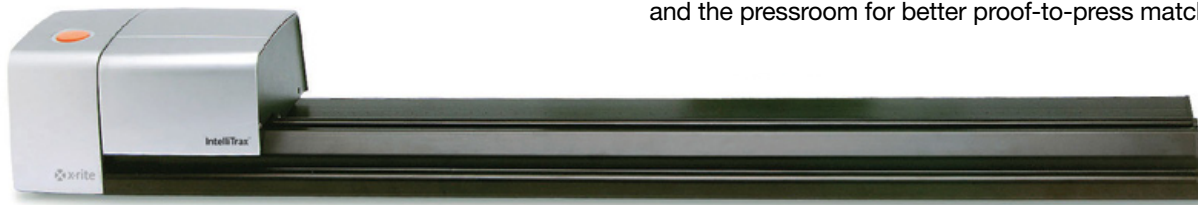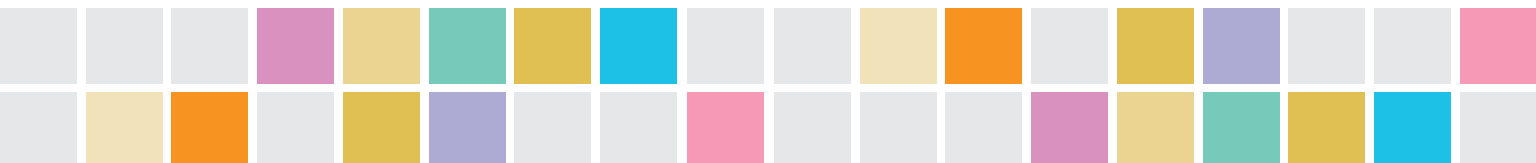
Scanning Solutions

IntelliTrax™

IntelliTrax is the industry's scanning system of choice, providing the fastest, fully-automated press-side color control solution available today. It is equipped with the industry-leading, patented "look-ahead" sensor – an imaging technology that steers the head as it scans. As the scanning head moves, it will automatically adjust to find the color bar, ensuring accurate measurements every time. IntelliTrax is the right solution for shops running a high number of smaller jobs with non-process colors, and for shops with a need to frequently measure color on press sheets. Its advanced features include the ability to run to international standards including ISO and GRACoL (G7). The IntelliTrax ICC version allows you to generate ICC profiles on-press, linking pre-press and the pressroom for better proof-to-press matching.

vipPAQ

vipPAQ is the industry's first inline densitometric color measuring system optimized for production control and quality assurance in flexography and gravure printing. vipPAQ reduces make-ready time for print runs and allows flexo press operators to recognize and correct errors earlier in the printing process. vipPAQ is fully networkable and is designed to be integrated in every stage of the flexographic printing workflow, from pre-press to pressroom to QA. It enables higher production speeds since there is no need to slow down the press for color quality inspections. The result is 100% control over the flexographic or gravure print production process.

x·rite

right on **color**

xrite.com