Pantone 114C

Print Workflow

Optimize Color Quality Across Complex Global Supply Chains

When it comes to color, there is only one true partner.

X-Rite Pantone has been working with printers, designers, and brands around the world for more than 150 collective years, and we continue to research, develop, and test new and innovative ways to define, specify, measure, and manage color.

We partner with our customers to identify areas of workflow sophistication and deliver scaled solutions that cater to specific needs and growth opportunities. Our customizable range of tools includes color standards, software, and instrumentation to streamline workflows and produce timely and consistent color across each substrate and every job.
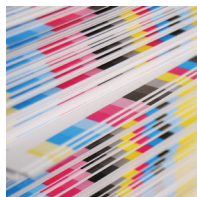
You can trust X-Rite Pantone to help you achieve the very best color — during specification and design, throughout formulation, on press, and in each and every finished product.

An Irresistible First Impression

Whether your clients are establishing or maintaining a corporate identity through marketing and promotional materials, color has the power to help your message break through the clutter.

X-Rite Pantone solutions can help you ensure precise and accurate color and speed time to market across an increasingly complex global supply chain by:

- Removing subjectivity
- Reducing cost and waste
- Ensuring ink integrity

- Better management of materials
- Optimizing jobs to run on press

Without the Right Solution, Color Can Quickly Go Wrong

Equipping you with tools is only the beginning. We consider it our responsibility to ensure you know how to put these tools to the best use for the efficiency and growth of your organization.

Instrumentation

Profiler
Calibrates and profiles monitors, scanners, proofers, and presses.

Densitometer
Accurately measures density and dot gain results (TVI).

Spectrophotometer
Provides all density metrics plus colorimetric and spectral values.

Visual Assessment

Light Booth
Offers controlled, standardized lighting environments to consistently evaluate color.

Physical Color Standards
Verifies the color chosen at specification is the same color at final product.

Software

Quality Control Software
Ensures consistent color throughout the supply chain using configurable options.

Digital Standards
Specifies and communicates color standards to all global supply chain stakeholders without risk of interpretation or wear.

Quality Assurance
Communicates and manages precise color and print specifications throughout the packaging and print supply chain.

Ink Formulation
Manages ink recipes and ink assortments, improves basic material handling, reduces hazardous waste, and reduces ink inventories.

Automated Closed Loop Control
Automated system that adjusts and controls the press to speed up make-ready, reduce variation, and quickly report results.

End-to-end solutions for a variety of applications:

Application										
Pre-Media	✔		✔	✔	✔	✔	✔			
Ink Kitchen			✔		✔	✔	✔	✔	✔	
Pressroom	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

Pre-Media

Prepare color-accurate print jobs to ensure specifications are consistent throughout file preparation and proofing results are achievable.

Ink Kitchen

Manage ink recipes and assortments to reduce inventory, formulate faster, easily manage raw materials, and deliver precise ink formulations to the press.

Pressroom

Operator-friendly tools to shorten make-ready and offer guidance for consistent press quality to achieve customer requirements.

Printing Workflow

Pre-Media: Prepare Color-Accurate Jobs

Color accuracy from monitor to proof to print is the key objective for premedia professionals. X-Rite Pantone's color measurement, management, and control solutions help you establish color print specifications and remove subjectivity throughout file preparation and proofing.

Pantone 485C

Graphics

- Accurately proof design intent to printing process.

- Eliminate variability to physical standards or inappropriate color data references.

- Optimize device reproduction to achieve a more accurate color on a variety of substrates.

Art Production

- Optimize standards for specific substrates and processes.

- Evaluate color objectively to ensure print quality regardless of process and substrate.

- Optimize devices reproduction to achieve a more accurate color on a variety of substrates.
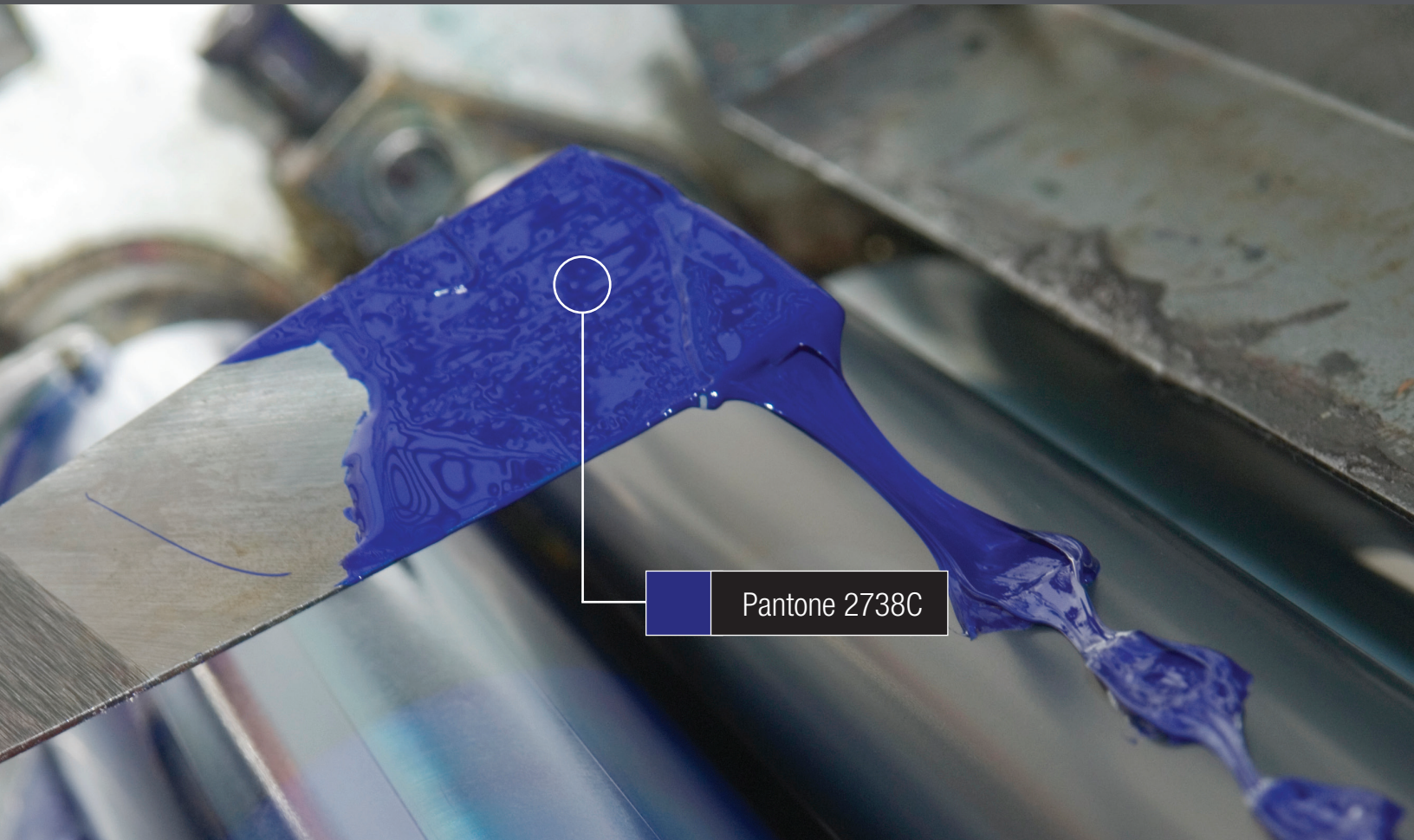
Quality Control

- Eliminate variability inherent to physical standards or inappropriate color data references.

- Calibrate and profile the proofer to match paper, ink, and printing conditions.

- Hone in on trouble areas using statistically-valid data.

6

Printing Workflow

Ink Kitchen: Precise Color From Concept to Ink Formulation

Converters across the globe are experiencing a growing demand for faster, and more accurate color quality from their clients. Achieving stricter tolerances in less time leaves them struggling with ink leftovers and high costs for time and materials. X-Rite Pantone's comprehensive product solutions address your immediate formulation challenges and put you on a path to achieve accurate and consistent color each and every time.

Pantone 2738C

Formulation

- Provide optimum initial color matches for intended viewing conditions.

- Better manage raw materials and meet supplier requirements.

- Use existing assortments to save time and minimize waste.

Quality Control

- Easily measure, control, and evaluate production.

- Formulation and quality control software for statistical control.

Reporting

- Simultaneously measure M0, M1, M2, and M3.

- Evaluate compliance with customer specifications.

- Maintain color and print quality across various shifts and sites.

Printing Workflow

Pressroom: Deliver on Customer Expectations and Improve Your Bottom Line

You, your customers, and your company's bottom line care about color. Pressroom solutions from X-Rite Pantone can help ensure you meet customer requirements faster, reducing waste and down time.

Pantone 2375C

Production

- Access spectral values for brand and custom standards from a secure cloud-based system.

- Cross-reference and visualize master colors on different printing materials.

- View real-time reports for guidance to achieve specified colors faster.

Quality Control

- Easily measure, control, and evaluate production.

- Formulation and quality control software for statistical control.

- Share production results between suppliers for seamless quality control.

Reporting

- Simultaneously measure M0, M1, M2, and M3.

- Evaluate compliance with customer specifications.

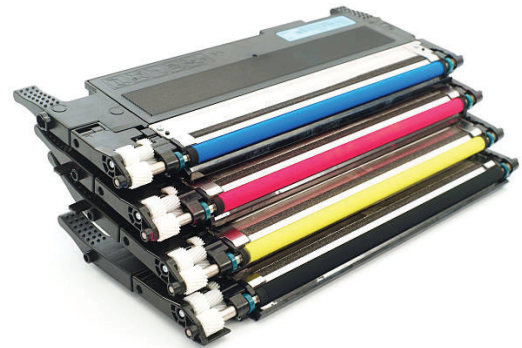- Maintain color and print quality across various shifts and sites.

Color Control for a Variety of Print Solutions

With X-Rite solutions, it is possible to create accurate and consistent color across ever-evolving print processes.
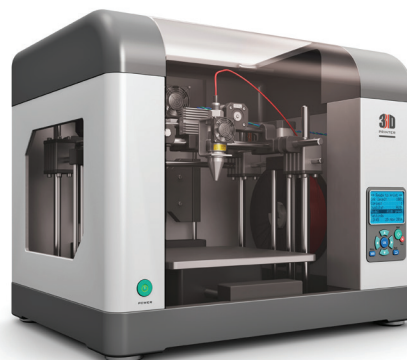
Wide and Grand Format

Meet customer expectations for exacting color. No matter what the substrate or kind of inks. POP graphics, backlit displays, Posters and more we have the tools to deliver accurate color.

Digital Print

Address shorter cycle times, smaller runs, and cost control while meeting customer expectations for the highest possible quality and consistency.

Industrial Print

Communicate standards and customer requirements across the changing world of digital print including ceramics, 3D, textiles, wall and floor coverings. Use process control and profiling to increase efficiency and reporting to provide customer assurance.

Why Partner With Us?

Minimize Risk & Protect Your Investment

To achieve the highest color accuracy, you must maintain your color investments. X-Rite offers Service Care Packages to ensure your device continues to operate in peak condition once it leaves our factory so you can deliver the color your customers specify.

Service Care Plan Options

	Premium	Certification Plus	NetProfiler Plus	Protective	Basic Warranty
Product Defects (Labor & Parts)	✔	✔	✔	✔	✔
Break-fix Coverage (Labor & Parts)	✔	✔	✔	✔	
NetProfiler License and Tiles	✔		✔		
Annual Preventative Maintenance (Inspect & Clean)	✔	✔			
Email & Phone Support	✔				
Expedited Shipping	✔				

Invest in your most important asset – your people.

Our color training and services are customized to fit your needs, schedule, and budget. From introductory classes to advanced applications, our extensive library of courses spans every learning style to help you improve your color knowledge and ensure your workflow is the best it can be.

Training and Services Options

- Classroom
- Color Workflow Audit
- Custom Consultation
- Online
- Onsite
- Seminar

What our customers are saying….

"Anyone who has not transitioned from measuring ink densities to using spectral data for color management is not being cost-effective. You cannot create the consistency necessary to grapple with the challenges in the graphic arts business without relying on spectral data and Pantone color resources."
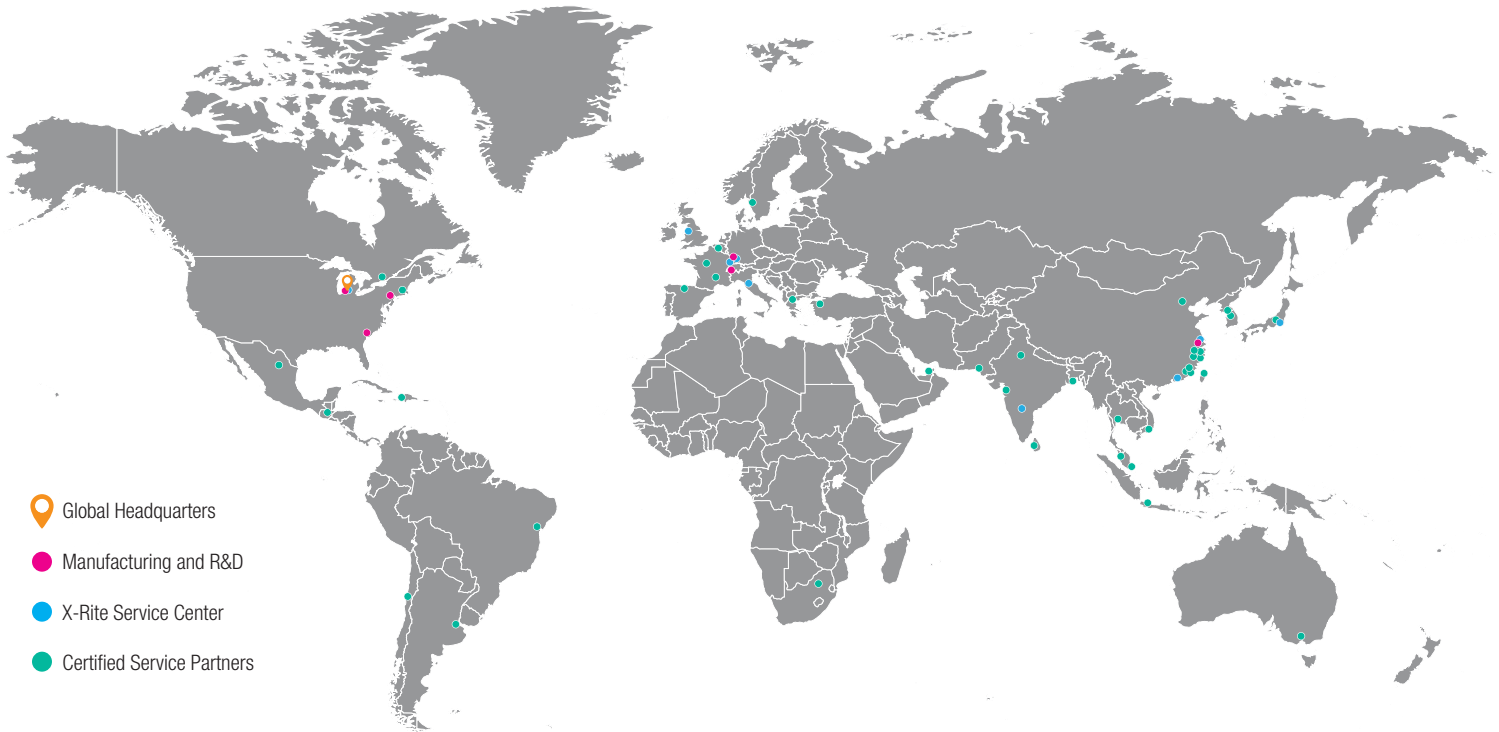
— Steve Rickett
UNIMAC GRAPHICS

"With ColorCert Scorecard, we have been able to more easily identify areas where we can improve our performance. This ensures that profiles are correct, plates are correct, inks are accurate, and our partners better understand what we need. The result? An improvement of 200% in our ColorCert score!"

— Vincent Whatley
ULTIMATE PACKAGING

We're color experts.

We recognize that great color portrays great quality and know that your success hinges on the consistent and accurate production of this color. With so many places for color to go wrong, it can be hard to know how to get it right. That's where we can help. By blending the art and science of color, we help you achieve the highest level of color integrity so your product – and your customer's product – comes out ahead.

Global Headquarters

Manufacturing and R&D

X-Rite Service Center

Certified Service Partners

End-To-End Solutions
We provide solutions that span the entire workflow, from design through production, to ensure your color is optimized.

Innovation
Bridging the gap between color and appearance, we are blazing the trail for you to take your color operations to the next level.

Experience
With 60+ years of experience in color manufacturing, our expertise spans a range of industries.

Passion
Inspired by the great color our customers produce, our X-Rite color team provides quality support and training services.

Call **888-800-9580**
or visit **www.xrite.com**

X-Rite Incorporated
4300 44th St. SE, Grand Rapids, MI 49512 United States

Part No. L7-711 (03/20)
Print Solutions Brochure

X-rite **PANTONE**®