Intelligent Features for a Streamlined Pressroom

Intuitive touchscreen interface
The IntelliTrax series features an easy-to-use touchscreen inter-face with large, intuitive icons. All the menu choices a user needs are accessible from the main screen, like a car's dashboard. And it's easy to learn — you don't have to be a computer or color measurement expert to use it.

Look-ahead sensor
The IntelliTrax scanning head incorporates an advanced, imaging technology that steers the head as it scans. As the scanner moves east/west, this "look-ahead sensor" views north/south, helping the system find the color bar faster. This feature means that crooked or fanned out color bar images don't pose a problem.

Networkable system
IntelliTrax is designed to be linked to other X-Rite IntelliTrax systems on local- or wide-area networks. When multiple systems are networked, job information and color standards are located centrally and are always up to date. Managers can access press settings for multiple presses or plants. They can also view pressrun summary information or review the history of an entire project.

Rugged construction
With an industrial head design and extremely durable components, IntelliTrax is built to withstand the harsh pressroom environment and to operate one, two or three shifts a day.

CIP4 compatible
To simplify and expedite system setup and workflow integration, IntelliTrax supports the use of the industry's CIP4 and JDF data stan-dards. This enables faster set-up and accurate job information such as ink rotation, color specification, job identification or paper stock.

Accessories

X-Rite 530 handheld spectrodensitometer
The X-Rite 530 handheld spectrodensitometer is connected directly to the IntelliTrax system as an integrated accessory, enabling press operators to measure the spectral characteristics of any color sample or paper stock.

MonacoPROFILER
To make your IntelliTrax ICC system even more versatile, add the standalone MonacoPROFILER solution for printing and prepress professionals. Its broad capabilities allow you to:

- Make custom test targets adapted to the media size of a given job
- Open and change the parameters of a profile after it has been generated
- Average profile data together to gain a truer picture of an entire press run — or average data from several presses to get pleasing results on any press
- Save money by making reproductions that use less ink and are more stable on press
- Enjoy a finer level of color control throughout the prepress/printing workflow
- Improve color fidelity of scanning, proofing and color previews
- Ensure the accuracy and consistency of one or more prepress proofing system

Take the first step

How quickly will you see a return on your IntelliTrax investment? Contact us for a free consultation to find out. We'll also explore other solutions that may fit your operation.

IntelliTrax Systems

All-in-one touchscreen interface

Look-ahead sensor

Full TCP/IP network capability

Rugged construction

CIP4 support

Real-time, graphical data reporting

Perfecting press capability

Density measurement capability
  Density, dot gain, print contrast, gray balance, apparent trap, hue error/grayness

Color measurement capability:
  Color and color difference (DE and LAB) *
  Full PANTONE® library
  Paper color and brightness *

Supports up to16 ink wells **

ICC profile creation (ICC system only)

Accessories
X-Rite 530 Series handheld spectrodensitometer
MonacoPROFILER software (standalone)

Computer Hardware
Dell® Pentium® 4 processor
17" Elo® touchscreen LCD monitor

Service/Training
System training with instructor
1 year Warranty
Warranty/Service Plan upgrade
measureitrite.com

* Not available on IntelliTax D

** 6 ink wells on IntelliTax D

Features vary by region. Consult with your local X-Rite office.

Streamlined Color Management™ – Graphic Arts Workflow by X-Rite

X-Rite delivers complete global color management systems, including instruments, software and support. Our solutions can help improve the entire workflow process from design to execution.

Create			Prepare			Execute			
Plan / Gather	Design / Capture	Client Review	Check / Fix Files	Prepare Files	Final Proof	Make Plates	Set Up Press	Run Job	Finish/ Fulfill
							IntelliTrax System		

Visit xrite.com for more information

L7-330 (08/05)

IntelliTrax™
Automated color measurement system for sheetfed commercial and folding carton printers

IntelliTrax is part of X-Rite's comprehensive set of Streamlined Color Management™ solutions ensuring accurate, consistent color from design to delivery. X-Rite's all-new IntelliTrax series is the sheetfed printing industry's fastest, smartest line of auto scanning systems for press-side color control. With two core models and numerous optional enhancements, this series gives you everything you need to maximize productivity and profitability during makeready and production.

Density
Solid Ink Density
View density based print attributes graphically

Values
Instantly show data on screen when needed

ΔE
More
Use color difference views to verify custom matches

Profile
PROFILE
Ensure press to proof match with on-press color management

IntelliTrax

The ultra-fast IntelliTrax system automatically scans the color bar of a typical press sheet[1] in just 15 seconds. That's twice as fast as any competing product and fifty[2] times faster than handheld instruments. In addition, the system reports measurement results on-screen instantly, so press operators can quickly make adjustments and get to acceptable color faster.

Faster makeready
The key result of the IntelliTrax system's high speed performance is faster makeready. And with the industry trend toward shorter press runs, the time you can gain by reducing makeready more than justifies your investment in IntelliTrax.

Improved quality control
IntelliTrax displays real-time measurement results in a graphical "traffic light" report: green bars indicate good color; yellow and red represent values that are out of tolerance. By quickly pinpointing problem areas, operators can bring the process back into control with ease prior to generating off color waste.

Extensive or expanded results reporting
As a PC-based system, IntelliTrax offers extensive data collection capabilities. The system generates standard reports and lets you customize reported attributes for management or the prepress department. Network capability enables plant-wide integration via a single database. Data can be further analyzed in Excel or other third-party software to meet customer requirements.

Specific reporting features include:
- Sample Report — Shows detailed color measurement information
- Job Summary Report — Select multiple attributes per job for management review (includes data on presses, materials and other production variables)

Faster ROI
Commercial printers face competitive pressure on all sides. The IntelliTrax system saves time and reduces material waste. Making your company more profitable and more competitive.

1. Based on measurement of a 40" press sheet:
   - Scan speed based on non-recognition scan
   - Scan speed based on 5mm wide color bar patches
   - Hand-held speed based on 4 seconds per measurement/position for 200 patches at 5mm

2. 200 patches using a handheld at four seconds per patch equals 800 seconds (or 13 minutes) which is 52 times slower

IntelliTrax D
Automated Tracking Densitometer

IntelliTrax D is an entry-level solution for four-color process printing. It's ideal for four-color houses that don't deal with complex, non-process colors. Yet, it's easy to upgrade from the IntelliTrax D to the advanced unit as an operation expands.

IntelliTrax D provides all basic process color control tools that are based on industry standard densitometry metrics. This assures you of correlation to existing densitometer systems but adds the benefit of speed and simplicity.

Density based measures, such as dot gain, can easily be evaluated with any of the IntelliTrax models.

IntelliTrax D can evaluate ink trap and other densitometric measures that allow on-press trouble shooting of color.

A special mode in IntelliTrax alerts operators to all color issues that exist within any given printing unit.

IntelliTrax
The Solution for 4+ Color Printing

The IntelliTrax standard model is an advanced, automated color management solution for presses printing four or more colors. With the ability to measure special/PANTONE® colors, non-process colors and paper color, it's ideal for high-end, high-speed printing operations.

Included is the ability to monitor either PANTONE® colors or custom colors. Custom colors can be measured using a handheld 530 spectrodensitometer or shared from other X-Rite products, such as QCcolor, ATS or X-RiteColor Master.

Evaluate color difference using industry standard metrics to ensure on-press color matches.

IntelliTrax has the power to evaluate industry standard color difference (ΔE) to ensure color matches customer specifications.

All versions of IntelliTrax include PANTONE® digital libraries to evaluate specified colors.

IntelliTrax ICC for on-press profile generation

If you need the ability to generate ICC profiles on-press, consider IntelliTrax ICC — a self-contained pressroom profiling solution that is integrated with IntelliTrax. A fast, easy-to-use solution, this capability relies on preset profile generation parameters. IntelliTrax ICC also serves as a link/bridge between the pressroom and the prepress department, enabling better proof-to-press matching.

Multi-tier color bar example

IntelliTrax ICC generates profiles for up to 8 ink colors all from a miniature test target no larger than a multi-tier color bar.

IntelliTrax ICC takes advantage of the full power contained in X-Rite's MonacoPROFILER profiling engine.

How IntelliTrax ICC Works

During setup, you can:
- Choose from a preset list of color bar test targets
- Configure a variety of profile generation parameters (e.g., black generation type and amount, ink limits, device color space, profile storage location)

During press-side use, you can:
- Measure the profile target independent of routine color bar measurements, which lets you approve the quality of the color bar before measuring the profile target
- View the measured target to ensure that the patches are correct
- Correct patch data, if necessary, with a 530 handheld spectrodensitometer

After measurement and review:
- IntelliTrax builds the ICC profile and saves it to a predefined location.