

Automated Color Measurement for Sheetfed Commercial Printers and Folding Carton Converters

Take the guesswork out of color management with automated press-side color controls

Ultra-fast, IntelliTrax automatically scans the color bar of a typical press sheet in less than 15 seconds, measuring special colors, PANTONE® colors, non-process colors, and paper color. IntelliTrax reports results on-screen instantly so press operators can quickly make adjustments and get to approved color faster.

IntelliTrax is the ideal color management solution for high-end, high speed commercial printing and converting operations.

X-Rite Pantone offers IntelliTrax training at its headquarters facility or on-site. IntelliTrax comes with a one-year warranty, with a service/upgrade plan available post-warranty.

IntelliTrax enables:

- Faster make-ready
- Improved operator productivity and quality control
- Extensive results reporting
- Support for industry standards



Instant on-screen results allow press operators to make fine tuned adjustments quickly and accurately.



Automatically scan up to 16 ink wells, creating a high level of consistency into production operations

Look-Ahead Sensor

The IntelliTrax scanning head incorporates an advanced imaging technology that automatically adjusts the scanning head to locate the color bar, ensuring accurate measurements every time.

Link Multiple Systems

IntelliTrax is designed to be linked to other X-Rite IntelliTrax systems across the plant or across multiple sites, providing up-to-date, centralized job information and color standards.

JDF Compatible

IntelliTrax is compatible with CIP4 and JDF data standards, enabling faster set-up and accurate job information, including ink rotation, color specification, job identification, and paper stock.

IntelliTrax D

IntelliTrax D is an entry-level automated tracking densitometer for four-color process printing. IntelliTrax D provides all of the basic process color control tools, assuring correlation with existing densitometric systems but adding the benefit of speed and simplicity.

IntelliTrax S

IntelliTrax S is an advanced, automated color management solution for presses printing four or more colors. With its ability to measure spot colors, PANTONE® Colors, non-process colors, and paper color, it's the ideal solution for high-end printing operations.

Process Control and Standards Support

IntelliTrax software includes G7 process control and reporting, enabling operators to measure the P2P target, or any target from the G7 library, utilizing the advanced custom chart feature. Operators can also use targets from any Standards library and generate Standards reports. IntelliTrax has full CxF support, with the ability to import palettes with patches and standards/ tolerances. CxF compliance allows IntelliTrax to connect to other areas of the workflow.

Sheet Trend Reporting

Use IntelliTrax to report on density, grayness, dot gain, job performance and more.

Quickly determine a satisfactory match on-press.

With our Best Match feature the IntelliTrax alerts operators with recommendations for ink density based on the DE difference between the targeted spectral information and the measured spectral information, allowing operators to quickly determine a satisfactory match on-press.

IntelliTrax/EasyTrax Comparison

	IntelliTrax	EasyTrax
Available Sizes	29 inches (736.6mm) up to 65 inches (1652mm)	29 inches (736.6mm) up to 40 inches (1016mm)
Scanning Capability	Automated look ahead sensor	Manual laser alignment with error detection
Scanning Area	Color bar must be 38mm from the sheet edge	Color bar can be placed anywhere on the sheet
Patch Size	Standard spot size 3.2x3mm Small spot (optional) 2x3mm Polarization (optional) 3.5x3.5mm	Patch Size 3.8x4mm
Scanning Speed	160mm per second	150mm per second
BestMatch Feature Gives you the best way to achieve color based on spectral data.	Yes	No
Color Bar Alignment	Automatic	Manual
Ink Wells	Up to 8 for ITX D (Density) Up to 16 for ITX S (Spectral)	Up to 6 with Standard Up to 8 with G7/ISO option
Paper Thickness	Min: 0.1mm Max: 0.762mm Medium/DP Max: 0.508mm Small Spot	Min: 0.1mm Max: 1.5mm
Black Background with Sheet Storage	Black Background with Sheet Storage	Black Background
Image Contact During Measurements	No	Yes
G7 Certification	Yes with ability to read Proof to Print [P2P] Target	Yes
Warranty	Standard 1 Year Manufacture Warranty Optional: Extended Warranty	
Service and Support	Standard Contract or Premium Service	

Example IntelliTrax Colorbar sizes

