Color Scanning Instrument

IntelliTrax2

Ultra-Fast Automated Press-Side Color Control

To remain competitive, printers and packaging converters must focus on reducing make-ready time and waste, and minimizing errors and rework. Managing color by eye and/or depending on ink density measurements will not deliver against these requirements. Introducing IntelliTrax2 into the press-side quality control process, printers and packaging converters can assure optimum color quality, fast make-ready, and reduced waste.

Benefits:

- Reports results on screen instantly so press operators can quickly make adjustments, even before color drift is visible to the human eye.
- Measures process colors, spot colors, PANTONE® colors, paper color, tone value increase, gray balance, and ink density in less than 10 seconds.
- Ensures non-contact with your substrate.

- Supports the majority of global graphic arts standards, including M1 to accommodate optical brighteners, M3 for measuring wet ink and full support for GRACoL, SWOP 2013, PSO, and FOGRA 51 and 52.
- Directly accesses the **PantoneLIVE** database for accurate spectral target values for corporate and other spot colors and can exchange job data with **ColorCert**.

BestMatch Feature	Yes
Black Background With Sheet Storage	Yes
Calibration	Automatic on integrated and covered white reference
Color Differences	CIE ΔE* (1976), ΔE CMC, CIE ΔE* (2000), and CIE ΔE* (1994)
Closed Loop Support	Yes
Color Bar Alignment	Yes
Color Spaces	CIE L*a*b*, CIE L*C*h°
Communication Interface	Ethernet
Configuration Options	Head type, track length, aperture, Handheld, foot switch
Connectivity	Ethernet
Density Range	0.0 D to 3.0 D
Density Standards	Status A, E, I, T, Tx, Ex, Hi-Fi
Display Resolution	Minimum: 17" touch-screen monitor with 1280 x 1024 resolution Recommended: 22" touch-screen monitor with 1920 x 1080 resolution
Embedded NetProfiler Support	Yes

G7 Certification	Yes
Humidity	30 to 85% RH (non-condensing)
Illuminants	A, C, D50, D65, D75, F2, F7, F11, D12
Image Contact During Measurements	No Contact
Import/Export Format	CxF3, jtl, cbl,
Industry Standards	ISO 5-4:2009(E), ISO 13655:2009
Ink Wells / Ink Units	Density Version: Up to 8 Spectral Version: Up to 16
Inter-Instrument Agreement	0.3 dE*ab
Languages Supported	Chinese Simplified, Chinese Traditional, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish
Light Source	Gas filled tungsten (illuminant type A) and UV LED
Measurement Geometry	45°/0° ring illumination optics, ISO 5-4:2009(E)
Measurement Conditions	M0, M1, M3
Measurement Background	Black as specified in ISO 12647-2 and 3
Media Thickness	Max 1.0 mm
NetProfiler Support	Yes
Observers	2° and 10°

Operating Temperature Range	10°C to 35°C 50°F to 95°F
PantoneLIVE Support	Yes
Pass / Fail	Yes
Patch Size	Small: 2 mm x 3 mm Medium: 3 mm x 3 mm Polarizer: 3 mm x 3 mm
Scan Length	29" (74cm) 32" (81cm) 40"(102cm) 44" (112cm) 56" (142cm) 65" (165cm)
Scanning Speed	170 mm / sec
Spectral Analyzer	DRS spectral engine
Spectral Interval	10 nm
Spectral Range	400 nm to 700 nm
Spectral Reporting	400 nm to 700 nm with 10mm interval
Storage Temperature Range	-20° to 50°C -4° to 122°F
Short Term Repeatability - Density	On White: ± 0.01 D max. Cyan, Magenta, and Black: ± 0.02 D @ 1.8 D Yellow: S/M: ± 0.02 D @ 2.0 D Polarizer: ± 0.03 D @ 1.8 D
Software Development Kit	Yes

Software Modes	Density /Spectral
Short Term Repeatability - White	0.15 dE max
Supported Devices	IntelliTrax2, eXact
Scanning Area	Color bar within 38mm from the sheet edge
Scanning Capability	Yes
Sheet Storage	Yes
Single Pass Scan	M0/M1 or M0/M3 or M1/M3
Track Sizes	29" (74cm) 32" (81cm) 40"(102cm) 44" (112cm) 56" (142cm) 65" (165cm)
Voltage	100 - 240VAC, 50/60Hz
Warranty	1 year
What's Included?	Vacuum pump, Cabling, Power supply, Ethernet cable, Software CD, Manuals, device certificate
Windows	Windows 7 (32 and 64 bit), Windows 8 (32 and 64 bit), Windows 10 (32 and 64 bit)