IntelliTrax2

Available Configurations

IntelliTrax2 Density

Automated densitometer solution for 4-color process printing. Provides all basic process color control tools, assuring correlation to existing densitometric systems while adding the benefit of speed and simplicity. Supports up to 8 ink wells (Colors).

IntelliTrax2 Spectral

Advanced, automated color management solution for presses printing 4 or more colors. Measures process colors, spot colors, and PANTONE® Color. Ideal for high-end, high-speed printing operations. Supports up to 16 ink wells (Colors). Scan multi line charts, used for profiling applications.

Specifications

Measurement System

Spectral Analyzer	DRS spectral engine
Spectral Range	400 - 700 nm with 10 nm interval
Measurement Geometry	45°/0° ring illumination optics, ISO 5-4:2009(E)
Measurement Modes	Acording to ISO 13655:2009 M0: Unpolarized, No filter, UV included M1: Daylight, D50 M3 (optional): Polarization Filter
Single Pass Scan	2 measurement modes with one scan: M0/M1, M0/M3 or M1/M3
White Calibration	Automatic on integrated and covered white reference
Density Range	0 - 3.0D
Repeatability	On White: 0.15 ΔE max
Density Repeatability	On White: ±0.01D max. Cyan, Magenta, and Black: ±0.02D @ 1.8D Yellow: ±0.02D @ 2.0D, with Polarized head: ±0.03D @ 1.8D
Inter-instrument agreement	Average: 0.30 ΔE*ab, Max: 0.45 ΔE*ab (for M3: 0.55 ΔE*ab) Measurements using X-Rite manufacturing standards at a temperature of 23°C +/- 1°C, 40-60% RH for all measurement modes on 12 BCRA color tiles and a BCRA White reference (D50, 2°)

Scan System

Track Sizes	29" (74cm), 32" (81cm), 40" (102cm), 44" (112cm), 56" (142cm), 65" (165cm)
Min. Patch Size	Scan direction: 3.0 mm Color bar height: 3.0 mm (with small spot head: 2.0 mm)
Scan Speed	170 mm / sec
Scanning Area	Color bar within 38 mm from the sheet edge
Paper Thickness	Max : 1.0 mm
Image during scan	No Contact
Black Backing	✓
Color Bar Alignment	Automatic centering on color bar with look-ahead sensor
Paper Hold	Vacuum pump
Sheet Storage against track	✓
Data Interface	Ethernet Connection

Software Functions

Colors	Density Version: Up to 8 Spectral Version: Up to 16
Print Standards Support	G7, PSO, Japan Color, ISO 12647-2
Density Functions	Density, TVI, Trapping, Contrast, Gray Balance
Colorimetric Functions	CIE L*a*b*, CIE L*C*h°
Special Functions	BestMatch
Pantone Color Libraries	Included
dE Methods	dE*76, dE*94, dE*00
Density White Base	Absolute, Paper
PantoneLIVE Support	✓
System Requirements	Microsoft® Windows 7, Windows 8, Windows 10 (32-bit and 64-bit) 2 GHz computer processor, 3 GHz recommended 2 GB RAM minimum, 4 GB recommended 100 GB hard drive or higher 17" touch-screen monitor with 1280 x 1024 resolution minimum, 22" touch-screen monitor with 1920 x 1080 resolution recommended One free 10/100/1000 Ethernet RJ-45 Port With optional eXact: One free USB Port or Bluetooth support

Example IntelliTrax2 Colorbar Sizes

3.0 mm – Medium Spot and Polarizer Head

2.0 mm – Small Spot Head

About PantoneLIVE

PantoneLIVE is a cloud-based solution that enables the universal Pantone Color language to be accurately communicated among brand owners, designers, premedia, ink suppliers and pressroom with no ambiguity. It digitizes the color process, taking it from a visual and subjective to a consistent and repeatable one – significantly reducing production timelines and improving the bottom line. Learn more at **www.pantone.com/live**

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