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Spotless Color Toolkit 2.0 Product Specification

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Product Description

Spotless is a printing method that reproduces spot colors with process colors rather than special inks. *Spotless* printing uses CMYK process builds or CMYK plus one, two, or three additional process inks to simulate spot colors.

Spotless Color Toolkit builds *Spotless* ink recipes for a print condition—that is, a specific combination of press, media, and ink. *Spotless* Color Toolkit exports the *Spotless* recipes to a file format that can be imported into *Prinergy* Connect, *Prinergy* Powerpack, and *Prinergy* Evo workflow software. The workflow software converts named colors in PDF files to *Spotless* process color builds.

For ink set support, see “Specific Functions > Ink Set Support.”

Features and Benefits

Spot Color Library Management

Spotless Color Toolkit lets you independently manage libraries of spot colors. You decide what spot colors to include and how to organize each library. For example, you can organize the colors by client name, color system, or any other category that is meaningful to you.

Print Condition Management

Spotless Color Toolkit lets you define and manage print conditions to suit your needs. Print conditions describe your printing environment, including inks, press, paper, and plates. For example, you can define one print condition for a specific wide-gamut ink set for general use, and you can define another print condition for a large customer that uses a brand color as one of the process color inks.



Recipes for your print conditions

Spotless Color Toolkit is designed to generate *Spotless* color recipes with the highest possible accuracy and flexibility. To do this, the software produces a test form that you print on press and then measure to characterize the print condition. The software uses the measurements to build *Spotless* color recipes for the print condition.

Prerequisites

Stand-alone PC with the following:

- *Windows* XP Professional
- 512 MB memory when generating *Spotless* recipes for six or fewer inks, and 1 GB memory when generating *Spotless* recipes for seven inks.
- 1 GB available disk space
- *Pentium* 4 Processor
- USB ports as necessary for measurement device connectivity
- Serial ports as necessary for measurement device connectivity
- GretagMacbeth *Spectrolino/Spectroscan* spectrophotometer for measuring forms (See “Specific Functions > Measurement Device Support.”)
- GretagMacbeth *Eye-One* for measuring spot colors

Product Version

2.0

Components

See “Standard Software”

Standard Hardware

N/A

Standard Software

- *Spotless* Color Toolkit software
- *Spotless* Form Reader software

Options

Spotless Color Toolkit base license supports four and five-color ink sets. The extended color license supports four, five, six, and seven-color ink sets.

Documentation Included

- *Spotless* Color Toolkit PDF Help
- *Spotless* Form Reader PDF Help
- Implementing *Spotless* in Prinergy User Guide
- Implementing *Spotless* in Prinergy Evo User Guide
- Calibrating *Spotless* with Harmony

Consumables Included

N/A



Specific Functions

Print Conditions

- Select ink set
- Generate a test form for the print condition (ink set, press, media etc.)
- Measure the test form to characterize the print condition
- Generate ICC profiles for proofing only

Spot Color Libraries

- Define the spot color libraries for which you want to generate *Spotless* recipes.
- Receive spot color recipes the following ways:
 - Import CGATS .5 data file that contains named CIELAB colors.
 - Measure spot color patches in CIELAB color space with the GretagMacbeth *Eye-One* and add measurements to *Spotless* Color Toolkit.
 - Manually create a color recipe by typing LAB values.

Spotless Libraries

- Generate *Spotless* color recipes for the print condition. *Spotless* Color Toolkit maps spot colors for the print condition and reports ΔE values.
- Display *Spotless* recipes
- Export *Spotless* recipes to *Prinergy* Connect, *Prinergy* Powerpack, or *Prinergy* Evo
- Generate Verification Form (EPS file) that contains all the spot colors in one of the following PANTONE color libraries: PANTONE solid matte D50, PANTONE solid coated D50, or PANTONE solid uncoated D50.

Measurement Device Support

- For measuring color target characterization, *Spectrolino/Spectroscan*
- For measuring spot colors, *Spectrolino* or *Eye-One*

Ink set support

- Four-color ink sets: CMYK
- Five-color ink sets: CMYKR, CMYKG, CMYKB, CMYKO, CMYKP, CMYKPB
- Six-color ink sets: CMYKOG, CMYKRG, CMYKRB, CMYKOB, CMYKOP, CMYKOV, CMYKRV, CMYKRP
- Seven-color ink sets: CMYKRGB, CMYKRGP, CMYKRGV, CMYKOGB,



CMYKOGP, CMYKOGV

Workflow and ink set support

- *Prinergy* Evo version 3.1 supports four-color ink sets
- *Prinergy* Connect and *Prinergy* Powerpack version 3.0.3.1 supports four-color, five-color, six-color, and seven-color ink sets
- *Prinergy* Connect and *Prinergy* Powerpack version 2.3.1.3 supports four-color and six-color ink sets

About Kodak Graphic Communications Group (GCG)

The leading provider of graphic communications solutions worldwide, Kodak's Graphic Communications Group (GCG) offers image capture systems; professional color, copydot, and high-speed document scanning systems; inkjet printing and proofing systems; workflow and color management software; thermal imaging devices for film, plates, and proofs; high-quality proofing media, printing plates, and recording film; on-demand color and black-and-white printing systems; data storage products; and professional services. Creo joined the GCG in June 2005, when it became a wholly owned subsidiary of Kodak. With corporate headquarters located in Rochester, N.Y., Kodak (NYSE: EK) had sales of \$13.5 billion in 2004 and is committed to a digitally oriented growth strategy.

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