

Kodak ColorFlow Software Reference Sheet

ColorFlow Edit View Export Window Help

Device Curves...
Measurements...

Icon States

- Incomplete
- Needs attention
- Calculating
- Queued
- Complete



Devices

Use the Devices dialog box to create a ColorFlow device to represent each physical printing device in your printing environment.

To display the Devices dialog box, select View > Devices, or double-click the dark grey background in the Color Setup Viewer.

Devices must be added in the Device dialog box before you can populate a Color Setup.

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The View menu gives you direct access to a number of ColorFlow functions.

- Devices
- Snapshots
- Device Conditions
- Plate Setups
- History
- Charts

The Export menu is used to export color control elements, mainly in a stand-alone environment and can include Device Curves, Measurements, Calibration Curves, Device Profiles, and DeviceLinks menu items, depending on whether the device, device condition, simulation, or conversion link is selected.

Add Device

Device Name:

Device Type:

Create

Color Setups

FOGRA

GRACoL C1 2006

Color Setups List

Device Condition Properties

Type: Offset Press - Sheetfed

Description: Staccato10, Matte 80lb, Offset Press - Sheetfed, CMYK

Plate Setup:

Screening:

Substrate:

Other:

Spot Inks:

Color	Name	Curve
	Default	Black

Create a new device condition. Cancel OK

Device Condition Properties

A device condition and its properties will need to be defined after you drag a device into place in the color setup viewer.

A new device condition will always be created if you select a unique combination of properties in this dialog box. To reuse an existing device condition, select a combination of properties that has been previously defined.

To display this dialog box, click the device condition properties icon inside a device condition in the color setup.

Color Setup Viewer

Drag a device here to create a Color Input

Primary Color Output

Simulating: GRACoL 2006 Coat...

175lpi Round, Matte 80lb, Offset Press - Sheetfed, CMYK

Press 1

Secondary Color Output

Device Condition

175lpi Round, 80lb coated, Digital Halftone Proofer - Approval, CMYK

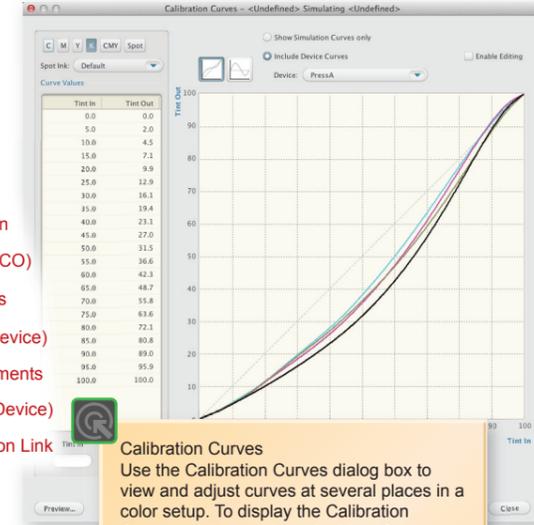
Kodak Approval

MPI 9880

Classic, Matte 80lb, Digital Press - NexPress, CMYK

\$30000

- Simulation
- Profile (PCO)
- Properties
- Profile (Device)
- Measurements
- Curves (Device)
- Conversion Link



Simulation Definition

Use the Simulation Definition dialog box to control how a Primary Color Output simulates the target. To display this dialog box, click the simulation icon that appears in the outside frame of the primary color output.

If a simulation is already defined, in the Simulation Adjustment dialog, click Redefine. ColorFlow can perform the simulation using tonal curves or DeviceLinks or a combination of each, depending on the source and destination data used.

Device Conditions

Device Types: Offset Press - Sheetfed

Device Conditions: Staccato10, Type 1 or 2 (coated art) 170 g/m², Kodak Electra XD, 175lpi Round, Type 1 or 2 (c...

Device Condition Attributes: Screening, Substrate, Other

Device Conditions

A device condition is a combination of a device and the operating conditions or properties that influence the quality of color that the device can deliver. The Device Conditions dialog box lets you delete a device condition.

You can also use this dialog box to modify the values that are associated with a device condition, without having to create a new condition. For example, if you misspelled a substrate value, you could rename it in this dialog box without having to create a new value for selection.

To display this dialog box, from the View menu, select Device Conditions.

Measurements

Use the Charts tab to select, create, or measure a form that is ready for imposition and printing by the device on which you want to measure the color response.

Use the Measurements tab to import tonal or colorimetric data, to promote or deactivate data sets, and to generate reports.

To display the dialog box, click the measurement icon next to a device in a device condition, or select View > Charts.

Input	Output Current / Corrected
C 28.2	C 28.2 / 28.2
M 20.4	M 20.4 / 20.4
Y 22.7	Y 22.7 / 22.7
K 5.5	K 12.3 / 5.5
Total 76.9	Total 83.6 / 76.9
C 6.3	C 6.3 / 6.3
M 4.0	M 4.0 / 4.0
Y 47.8	Y 47.8 / 47.8
K 0.8	K 1.8 / 0.8
Total 94.9	Total 95.9 / 94.9
C 18.4	C 18.4 / 18.4
M 17.3	M 17.3 / 17.3
Y 20.4	Y 20.4 / 20.4
K 2.7	K 6.3 / 2.7
Total 58.8	Total 62.3 / 58.8

Image Preview

Use the Image Preview window to see the real-time effect of adjustments on a selected image. You can see and measure the changes caused by adjustments.

To display the Image Preview window, click the Preview button in the adjustment dialog boxes.

Input	Output Current / Corrected
C 18.4	C 18.4 / 18.4
M 17.3	M 17.3 / 17.3
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Primary Color Output Profile

Device Condition Profile-175lpi Round, Matte 80lb, Off...

Origin: ColorFlow Generated Imported

Total Ink Limit: 350 %

Black Start: 30 %

Max Black: 90 %

Black Strength: Light 50 %

Cancel

Device Condition Profile/Primary Color Output Profile

To display this dialog box, click the profile icon in a device condition, or the outer frame of the primary color output. Select the method of creating the profile: ColorFlow Generated or Imported. Kodak Prinergy® workflow requires profiles for all device conditions.

Simulation Adjustment

Use the Simulation Adjustment tool to modify the color response of your primary color output. Indicate the change that you want to produce in the tonal response (EDA) and ColorFlow will calculate and apply the necessary change to the curves.

You can also indicate the colorimetric change that is required and ColorFlow will generate curves to meet that goal.

Curve Change

CMY Gray Adjustment

Highlight Quartertone Midtone 3/4-tone

Before After

Adjust Displayed Colors

Color Change

Expected Tonality... L* -5.7

Calibration Curves... a* 3.0 C* 2.0

b* -0.2 H* 2.2

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