

FUJIFILM Revoria Flow SC12 for Revoria Press SC170

Note: Certification is in accordance with Idealliance Digital Press Certification Program v2.3 (Increment version number as necessary)

The Idealliance Print Properties Digital Print Working Group has established a certification process for digital production presses (xerographic/inkjet). The following information is intended to assist printers and customers in understanding the printing conditions and how they were achieved and/or to replicate these results on a similar system.

I. Manufacturer

FUJIFILM Business Innovation Corp.

II. Product Name

Print Engine : Revoria Press SC170

DFE : Revoria Flow SC12

Substrate : Blazer Digital 100 Gloss Text(148gsm)

Reference Condition: GRACoL2013_CRPC6

III. Overview

The Revoria Press SC180 and Revoria Press SC170 achieve a high productivity of 80ppm* and 70ppm* respectively, and outstanding image quality with a resolution of 2400x2400 dpi.

Also the presses are equipped with copy and scan functions for office.

-The print servers, Revoria Flow SC11/SC12 perform RIP processing at 1,200 dpi and 10-bit color, generating high-quality image data.

-Featuring the SIQA function, which involves scanning a calibration chart to automatically correct image quality, to streamline processes such as registration mark alignment and uneven color correction.

-Color match your reprint job by scanning previous output

The Revoria Press SC180 / SC170 have a new feature that can scan previously printed materials from the same or other presses to reproduce consistent colour when reprinting.

-Color Profile Maker for Display reproduces printed colors accurately on the monitor can match colors accurately by adjusting the colors on the monitor to match the printed output.

- AI-based photo quality optimization can be used to automatically determine the scene and make appropriate image corrections.

*When using uncoated A4 sheets weighing 52–220 gsm

IV. System Components and Printing Procedure

System Components

Printer: No additional system components were required beyond a nominal Revoria Press SC180/SC170.

DFE: Revoria Flow SC12/SC11

Paper: Blazer Digital 100 Gloss Text(148gsm)

Software: Print Station

Measurement: X-Rite i1Pro2/i1Pro3, Eye-one iSis2 XL /M1

Printing Procedure

1) Create the Calibration Target

- (1) Select [Calibration] > [Target]
- (2) Select +Create (CMYK)
- (3) Set the setting below and press [Next]

Scanner : i1Pro3(M2)/i1Pro2(M2)
Calibration Method : Advanced
Halftone : 200dot
Tray : Tray to use

- (4) Setting below and press [Print]. After the printing out, click the [Next]

Output Quantity(Sheets) : 5

- (5) At "Create Calibration Target" panel, set the paper on the Document Glass, then press start.
- (6) Measure the chart with i1Pro2/i1Pro3. Select [User Colorimetry Application] and press [Start]
- (7) Color Measurement Utility starts. Measure the chart according to the instruction.
- (8) Press [save] the Calibration Target.

2) Calibration

- (1) Select [Calibration] > [Calibration].
- (2) Select +Create.
- (3) Select Spectrophotometer Type "Spectrophoto..."
- (4) At "Create Calibration" panel, set the settings below and [Next].

Calibration Method : Advanced
Calibration target : select the file created at 1-8)
Halftone : 200dot
Tray : Applied tray

- (5) Select "Create Calibration" panel, and press [print].
- (6) Select [Use Colorimetry Application] and press [Start].
- (7) Measure the last chart according to the instruction.
- (8) After papers out, press [Verify] so that check the result of the Calibration.
- (9) Check the status on [View Result- Status After Calibrating 1 Times].
- (10) Press [save] to assign calibration file to paper stock or tray.

3) Create Destination Profiles

- (1) Select [Color]>[CMS]
- (2) Press [Destinaiton Profile] and +(create)

- (3) Press [Start (1)] to print "Output Chart" at Step1.
- (4) Set the setting below and press [Print].

Chart Type : CPMP_Full_iSisXL
Tray : Tray to use
Halftone : 200dot
Calibration : Select a Calibration file
Copies : 7

- (5) Measure the color patches and save it.
- (6) Come back to Destination Profile/Spot Color Profile dialogue.

Select [Start(3)] on Step3 to Create Profile.

- (7) Set the settings below and press [OK].

Printer Characteristics Settings : Select the measured file.
Specify Pattern Data: Pattern Date : CPMP_Full_1584.ptn

4) Creating Device Link Profile

- (1) Select [Color]>[CMS]
- (2) Press [Device Link Profile] and +(create)
- (3) Create a new Device Link Profile with these settings below.

[Profile]
Print Target Characteriation Data : GRACoL2013 CRPC6
Print Characterization Data : Select the file created at 3-7)
[Setting1]
Paper White Adjustment Method : Relative Basis/Moderate-High Density Absolute
K Plate Reproduction : For Proofing(Color Reproduction Priority)
Target K100% Reproduction Guarantee : Disable
Other Settings : as default
[Setting2]
Pure Color Reproduction :
C : Disable M : Disable Y : Disable
Other settings : as default
[Toner/Ink Settings] : as default
[Target Adjustment] : as default
[Paper White Settings] : as default

- (4) Click [Start] to create a new Device Link Profile.

5) Print Testform

- (1) Click [Import Jobs] and select Testform.

- (2) Double click imported jobs to open job properties.
- (3) Change [Paper] > [Tray/Media]
- (4) Change [Paper] >[Print Position] to Align to Center
- (5) Change [Color] > [CMYK] >[CMYK Simulation] > [Device Link Profile] to created device link profile.
- (6) Change [Image Quality] >[Additional Settings]>[Calibration]>[Specify a File] to created Calibration file.
- (7) Click [Print].

V. Finishing Procedures (Optional)

None

VI. Additional Data (Optional)

None