FUJIFILM Revoria Flow EC11 for Revoria Press EC1100

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 EC1100*

DFE：*Revoria Flow EC11*

Substrate：*Blazer Digital 100 Gloss Text(148gsm)*

Reference Condition: GRACoL2013_CRPC6

III. Overview

The Revoria Press EC1100 achieves a high productivity of 100ppm* and outstanding image quality with a resolution of 2400x2400 dpi.

The Revoria Flow EC11 performs RIP processing at 1,200 dpi and 10-bit color, generating high-quality image data.

-The in-line sensor automates color calibration and front and back registration alignment.

-Color Profile Maker for Display reproduces printed colors accurately on the monitor, which 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 52−300 gsm

IV. System Components and Printing Procedure

System Components

Printer: No additional system components were required beyond a nominal Revoria Press EC1100.

DFE: Revoria Flow EC11

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)/IiPro2(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) Measure the chart with i1Pro2/i1Pro3.Select [User Colorimetry Application] and press [Start]

(6) Color Measurement Utility starts. Measure the chart according to the instruction.

(7) 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