Idealliance

**Digital Press Certification Application Data Sheet**

# FUJIFILM Revoria Flow EC21 for Revoria Press EC2100S/EC2100

**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 EC2100S/EC2100*

*DFE： Revoria Flow EC21*

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

*Reference Condition: GRACoL2013_CRPC6*

## III. Overview

Revoria Press EC2100S is equipped with a specialty toner station in addition to the four-colour toners, enabling five-colour printing in one pass, and Revoria Press EC2100 are four-colour press. The presses are compact in size with high print quality and speed.

Both Revoria Press EC2100S and Revoria Press EC2100 achieve a high productivity of 100ppm with four-color toners.

*The Revoria Flow EC21 performs RIP processing at 1,200 dpi and 10-bit colour, generating high-quality image data.*

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## IV. System Components and Printing Procedure

System Components

Printer: No additional system components were required beyond a nominal Revoria Press EC2100S/EC2100.

DFE: Revoria Flow EC21

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)/liPro2(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) : 7

(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