D0757558

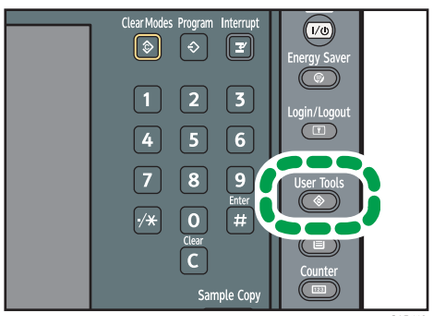
Notes for Users

To improve color reproduction and achieve color output with consistent quality, follow this procedure. You can improve CMYK image reproduction by adjusting image density and performing calibration.
Also, you can improve mixed color reproduction by adjusting image density and color registration and performing calibration.

An optional EFI Spectrometer ES-1000 or ES-2000 is required to perform calibration.

1.Adjusting Image Density

1. Press the [User Tools] key.



2. Press [Adjustment Settings for Operators].
3. Press [0201: Adjust Image Density].
4. Press [Image Density Adjustment: Manual Execute].
5. Press [OK].
6. When the color density adjustment is completed, press [Exit].
7. Press [Exit].

2.Adjusting Color Registration

1. Press the [User Tools] key.
2. Press [Maintenance].
3. Press [Color Registration].
4. Press [OK].
5. When the color registration is completed, press [Exit].
6. Press [Exit].

3. Performing Calibration

1. Start Fiery Command WorkStation 5.
2. Click [Calibrate] in the "Job Center" tab.
3. Click [Expert] in the upper right corner of the "Calibrator" dialog box.
4. Specify the following settings in the "Calibrator" dialog box.
   - In the "1. Select Measurement Method" menu, select [EFI Spectrometer ES-1000].
   - In the "2. Check Print Settings" menu, select the paper type you are using from the "NAME" pull-down menu.
   - In the "3. Generate Measurement Page" menu, click [Print].

5. Specify the following settings in the Print Option dialog box.
   - In the "Page Type" menu, select [21 Sorted Patches] or [34 Sorted Patches].
   - In the "Paper Size" menu, select the paper size you want to use to print a test page. The paper size you select must conform to the patches you select in the "Page Type" menu.
     [21 Sorted Patches]: A4 or LTR
     [34 Sorted Patches]: A3, 11 × 17, 12 × 18, 13 × 19
   - In the "Input Tray" menu, select the paper tray loaded with the paper for patch printing.
   - Click [Print].
6. When patch printing is completed, click [Measure] in the "4. Get Measurements" menu.
7. Check that the page type and size are correct, and then click [Measure].
8. Check the printed patches using the EFI Spectrometer ES-1000 or ES-2000.
9. After checking all the patches, select [Measurement vs. Target] in the "6. View Measurements (optional)" menu, and then click [View].
10. Using the "Measurement vs. Target" screen, calculate the difference between each color's D-Max value in the measurement column and that in the target column.
    - If the difference is equal to +0.3 or lower and -0.3 or higher for cyan, magenta, and black, or if the difference is equal to +0.1 or lower and -0.1 or higher for yellow, go to Step 11.
    - If the difference is equal to +0.31 or higher and -0.31 or lower for cyan, magenta, and black, or if the difference is equal to +0.11 or higher and -0.11 or lower for yellow, return to "1. Adjusting Image Density".
11. Click [Done].
12. Click [Done].

Note

- After this procedure is repeated three times, the difference between each color's D-Max value in the measurement column and that in the target column may not be equal to +0.3 or lower and -0.3 or higher for cyan, magenta, and black, or +0.1 or lower and -0.1 or higher for yellow. If this is the case, print solid images on both sides of 100 sheets of A4 or LTR paper continuously. Desired results may be obtained.
- If the difference between each color's D-Max value in the measurement column and that in the target column may not be equal to +0.3 or lower and -0.3 or higher for cyan, magenta, and black, or +0.1 or lower and -0.1 or higher for yellow, color reproducibility may be improved after printing solid images on both sides of 100 sheets of A4 or LTR paper continuously.

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