



Fiery Verify 2.3

Fiery Verify displays the verification results of your color measurement against a color reference.

Results are calculated from the color reference, the sample measurement, and the tolerance set.

Fiery Verify allows you to edit tolerance sets for the purpose of comparison.

Fiery Verify supported measurement instruments

Fiery Verify requires a measurement instrument for functions that require measurement of printed output. Fiery Verify supports the measurement instruments listed below.

Supported measurement instruments

- EFI ES-6000
- EFI ES-1000
- X-Rite iLiSis
- X-Rite iLiSis XL
- X-Rite iLiSis 2
- X-Rite iLiSis 2 XL
- X-Rite i1Pro
- X-Rite iLiO
- X-Rite iLiO 2
- Barbieri Spectropad (with USB connection only)
- Barbieri Spectro LFP
- Barbieri Spectro LFP qb
- Barbieri Spectro Swing
- Konica Minolta FD-5BT
- Konica Minolta FD-9
- The following inline measurement instruments:
 - Canon iPRC10000VP Series Inline
 - Xerox iGen Inline Spectrophotometer

- The following handheld measurement instruments:
 - EFI ES-2000
 - X-Rite i1Pro 2

Compare a sample against a color reference

Load sample and reference files to compare them using a tolerance set.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The sample and reference files must contain valid CGATS data.

- 1 Optional: Click File > New comparison to start a new comparison.
- 2 Click Comparison > Load Reference.
- 3 Select a file, and then click Open.
- 4 Click Comparison > Load Sample.
- 5 Select a file, and then click Open.
- 6 Select the appropriate Tolerance set for your color workflow.
- 7 Optional: Click Report to save a detailed report in PDF format.

Create a verification preset in Fiery Verify

Create a verification preset to change the Color reference, Tolerance set, or Patch set used for color verification in Fiery Verify.


You should know:

- Color reference is the targeted colors that sample measurements are compared to.

Note: Industry standard color spaces, such as GRACoL2013 and FOGRA51, comprise most of the color reference selections.
- Tolerance set is the criteria used for comparison between a color reference and a sample measurement.
- Patch set is the defined set of color patches printed to use as a measurement sample.

Note: Industry standard patch sets, such as Idealliance Control Wedge 2013, Fogra Media Wedge V3, and IT8.7/4, comprise most of the patch set selections. Custom patch sets can be imported.

A verification preset consists of a color reference, a tolerance set, and a patch set.

- 1 In Fiery Verify, click Edit > Verification Preset Editor.
- 2 Select the Verification preset you want to edit.
- 3 Click  .
- 4 Optional: Under Verification preset, edit the name for the new preset.

5 Select a Color reference appropriate for the color production workflow you want to verify.


- Click  to import a color reference.

Note: Your color reference is recommended to match the source color profile you use for printing the job where color is being verified.

6 Select a Tolerance set appropriate for the color production work flow you want to verify.

- Click  to create a new tolerance set.

7 Select a Patch set appropriate for the verification work flow.

- Click  to import a patch set.

8 Click Save.

Create or edit a tolerance set in Fiery Verify

Create or edit a tolerance set to specify the criteria used for comparison by Fiery Verify.

Know the acceptable variation limits for your color workflow including:

- ΔE formula
- General ΔE limits
- Primary color ΔE limits
- Hue difference ΔH limits
- Tone value difference tolerance limits
- Chromaticness difference ΔCh limits
- NPDC ΔL limits
- Spot color ΔE limits

Note: Limits define the acceptable tolerance ranges that are calculated for each criterion.

1 Click Edit > Tolerance Set Editor.

2 Click .

3 Select a ΔE formula.

4 Use the check boxes to select the Tolerance criteria you want.

5 Enter a Limit for each criteria selected.

- 6 Select either Warn or Fail to choose how each criterion will indicate when a measurement exceeds the limit you specify.
 - Warn is informative only and will still allow the comparison to pass.
 - Fail will cause the entire comparison to fail.
- 7 Click Save.

Save sample measurements

Save the measurement sample made as part of the verification process as a .it8 file.

Measurement samples are saved as .it8 files.

Save a measurement sample for use as a reference, or for comparison.

- 1 In Fiery Verify, click Comparison > Save Sample.
- 2 Navigate to the location where you want to save the report.
- 3 Type a file name, and click Save.

Save sample as reference

Save a measurement sample for use as a color reference in the verification preset editor.

- 1 In Fiery Verify, click Comparison > Save Sample as Reference.
- 2 Type a file name, and click Save.

Load reference

Load a reference file into Fiery Verify to compare it to a measurement sample.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The reference file must contain valid CGATS data.

- 1 In Fiery Verify, click Comparison > Load Reference.
- 2 Select a file, and then click Open.

Load sample

Load a sample file into Fiery Verify to compare it to a reference.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The sample file must contain valid CGATS data.

- 1 In Fiery Verify, click Comparison > Load Sample.
- 2 Select a file, and then click Open.

Patch measurement

Perform measurements to quickly compare printed color patches.

Check to make sure your supported handheld measurement instrument is connected.

- 1 Optional: Click File > New comparison to start a new comparison.
- 2 Optional: If you want, load a reference or a sample file.
- 3 Click Comparison > Start patch measurement.
- 4 Follow the onscreen calibration instructions to calibrate your measurement instrument and click Calibrate.
- 5 Click under the Reference or Sample to select where you want the color measurement to appear.
- 6 Place the measurement instrument over the color patch you want to measure.
- 7 Scan the color patch with the measurement instrument.
Fiery Verify will automatically compare the new measurement to what is located in the Reference or Sample columns and display the results.
- 8 Click Stop measurement when all desired patches have been measured

Measure reference

Measure a patch page to use as a reference in Fiery Verify.

A pre-printed patch page is required.

Note: Fiery Verify saves the measurement as an .it8 file.

- 1 In Fiery Verify, click Comparison > Measure reference.
Fiery Verify uses FieryMeasure to measure a sample.
- 2 From the Instrument list, select your measurement instrument.
Click Settings to the right of the instrument selection to configure settings such as Measurement mode and Large patch size.
- 3 From the Measure list, select the use for your measurement.
- 4 From the Patch set list, select an appropriate patch set for your measurement.
- 5 In the Chart size list, select the chart size that corresponds to paper appropriate for your workflow which is loaded in your print device.
- 6 Click Measure.
- 7 Follow the on-screen instructions to calibrate your measurement device.
- 8 Follow the on-screen instructions to measure the page.

Measure sample

Measure a patch page to use as a sample file in Fiery Verify.


A pre-printed patch page is required.

Note: Fiery Verify saves the measurement as an .it8 file.

- 1 In Fiery Verify, click Comparison > Measure Sample.
Fiery Verify uses FieryMeasure to measure a sample.
- 2 From the Instrument list, select your measurement instrument.
Click Settings to the right of the instrument selection to configure settings such as Measurement mode and Large patch size.
- 3 From the Measure list, select the use for your measurement.
- 4 From the Patch set list, select an appropriate patch set for your measurement.
- 5 In the Chart size list, select the chart size that corresponds to paper appropriate for your workflow which is loaded in your print device.
- 6 Click Measure.
- 7 Follow the on-screen instructions to calibrate your measurement device.
- 8 Follow the on-screen instructions to measure the page.


Save Report

Save the details of the verification comparison as a PDF file.

- 1 In Fiery Verify,
 - click File > Export to PDF > Report, or
 - click  .
- 2 Navigate to the location where you want to save the report.
- 3 Click Save.

Create a verification label

Save the details of a verification comparison as a label in a PDF file.

- 1 After completing a verification in Fiery Verify, click  .
A label will be created in a PDF and opened in your default PDF viewer.
- 2 Print or save the PDF file as desired.