EPSON SureColor P900 Printer Instructions

GENERAL PRINTER INFO

Users provide their own paper and are charged $1.50 per square foot for ink usage

Only approved inkjet papers can be used with the Epson printers. Email danges@upenn.edu if you have any questions regarding printing and would like to schedule an appointment.

The Epson P900 printer can print on a variety of cut sheet paper sizes ranging from 4.1 x 5.8 to 17 x 22 inches, as well as custom paper sizes that do not exceed a 17” width.

INITIAL NOZZLE CHECK

Nozzle checks are the most basic self-diagnostic test for the P900 printer. Run a nozzle check at the beginning of each printing session..

Nozzle checks just check that the nozzles are clean and firing correctly. Here is more information on solving Inkjet printing issues, but here's the basics.

You need one sheet of A4 plain (bond) paper for your nozzle check.

PAPER LOADING NOTES

In general, you will mostly use the top (AKA rear) feeder for everything except for *very* thick materials (500gsm+ or anything rigid).

Some basic but important notes:

- In general, you should regard this printer as a single sheet loading printer.
- ...but, you CAN load multiple sheets of plain paper and other low GSM options
- For thick papers- 150+ gsm photo and fine art papers, you must load **only one sheet at at time** for reliable results
- Be careful with the movable grey guides - it's easy to make these too tight. They should just rest on the paper lightly or be a mm or two away from the paper and should not apply any actual pressure to the paper

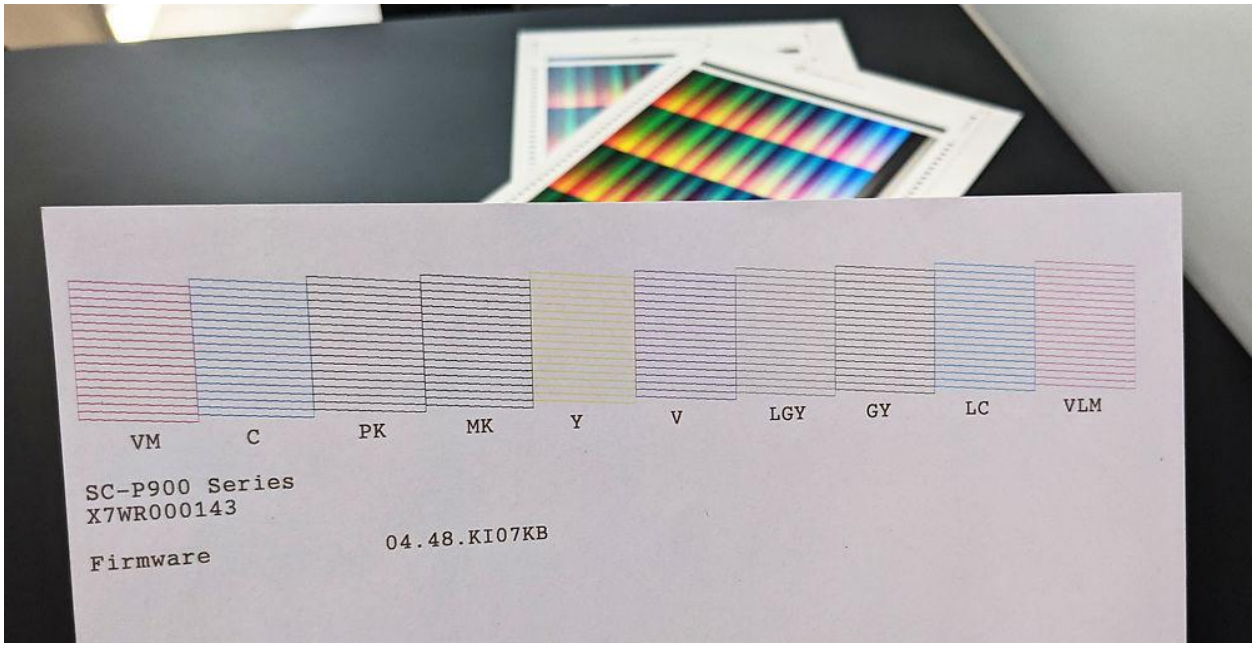
So the basic paper loading process is:

- Widen the grey guides
- Load your **single** sheet into the printer (printed side facing out) - always in portrait orientation
- Bring the grey guides gently and carefully up to the loaded sheet
- Select paper type and size on LCD of the printer

RUNNING THE NOZZLE CHECK

Use the printer's LCD panel, choose the maintenance menu, select print nozzle check.
Nozzle checks are THE key test you can do on your printer if you encounter any print quality issues (striping, sudden color changes, missing colors etc). All of the printer nozzles must be firing correctly for the best quality prints. If they are not, you should run head cleans until you get a perfect nozzle check. But note - head cleans ONLY solve nozzle issues, nothing else, and you should not run head cleans for *any* other reason than blocked nozzles, or you'll just be pouring ink down the drain. For more info, see Solving Inkjet Printer Issues.

Here's a sample of a correct P9000 nozzle check print - notice all the stair-step lines are present, and there's no gaps or cross contaminated colors.



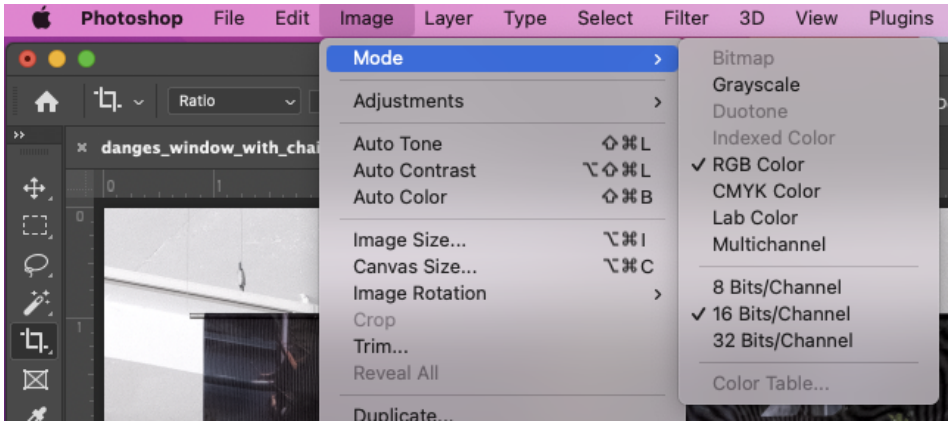
PRINTING FROM PHOTOSHOP

Open your file in Photoshop if you haven't already.

➪Set Image Mode

Image > Mode > RGB Color

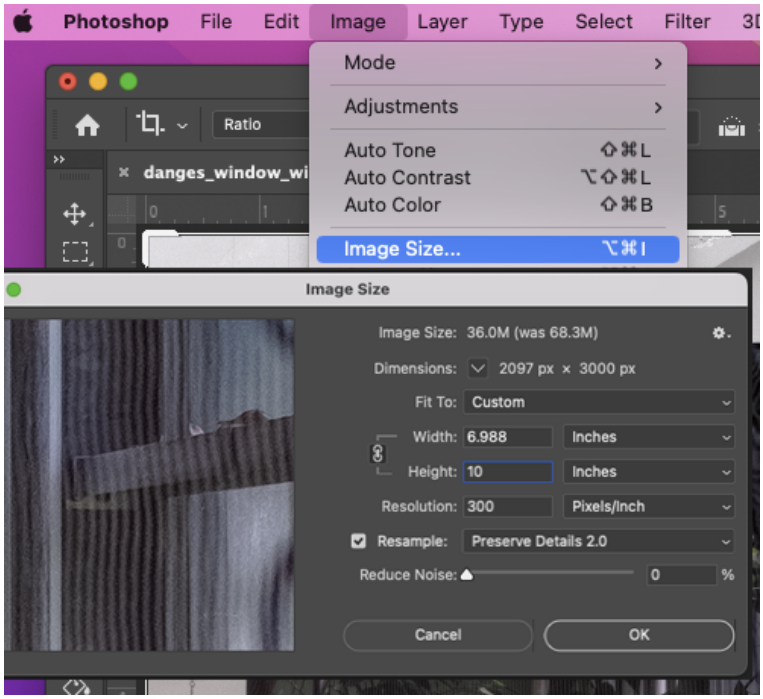
Choose 16 or 8 Bits/Channel



➪Set Image Side

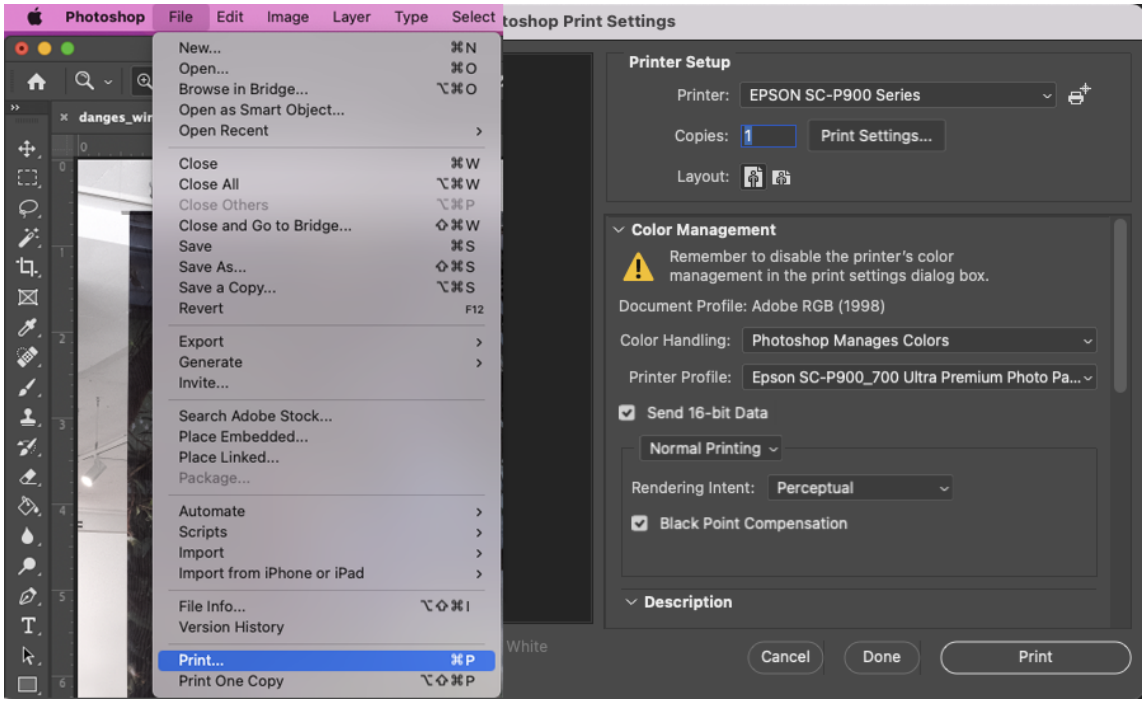
Image > Mode > Image Size >

Make sure your image is sized correctly (the size you want to print it) and the resolution is set to 300 dpi (Image > Image Size…). Use the Image Size window to define the size of the image area of your print. If you uncheck "Resample," the printing resolution will change independent of the number of pixels representing the image in width and height.



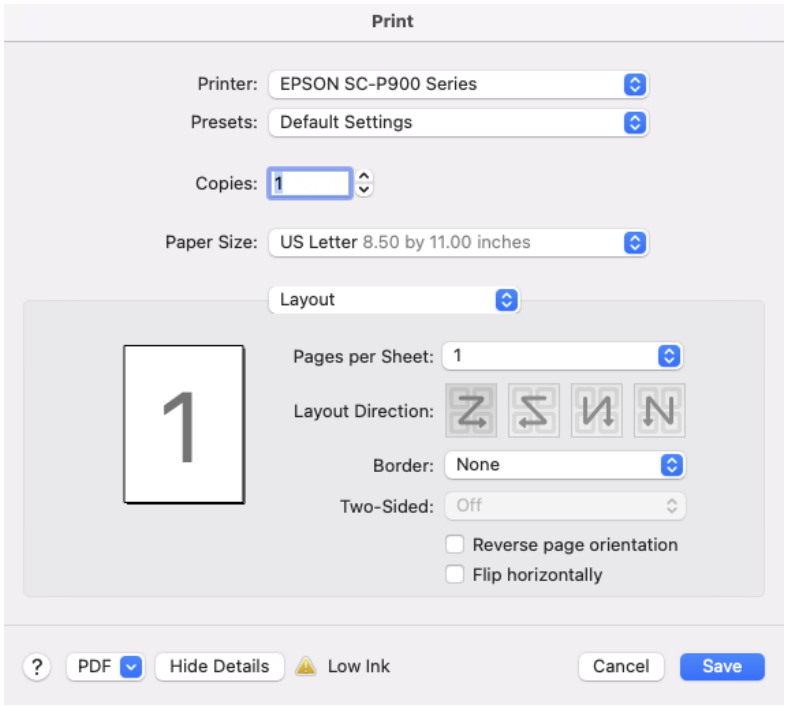
➪ Send to Print

a. Your file is now ready to print. Take care to manage the following print settings. Open the Photoshop Print Settings dialogue box (File > Print).



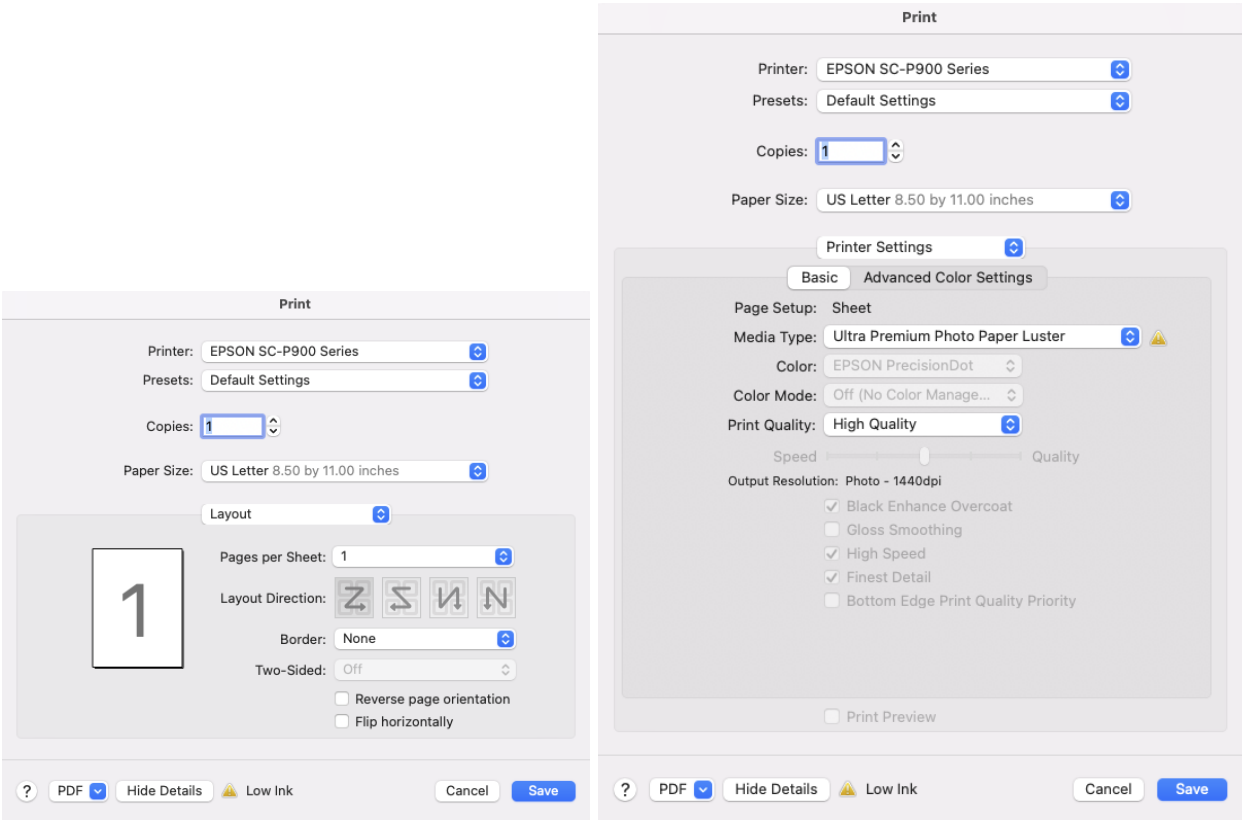
Printer: Epson SC-P900 Series

Select Print settings



Choose Paper Size: For US Letter (8.5” x 11”) and any other paper size, select “borderless, retain size” when available. Choose “Front” for thick papers - 150+ gsm photo and fine art papers.

Choose Layout > Print Settings and select the following settings

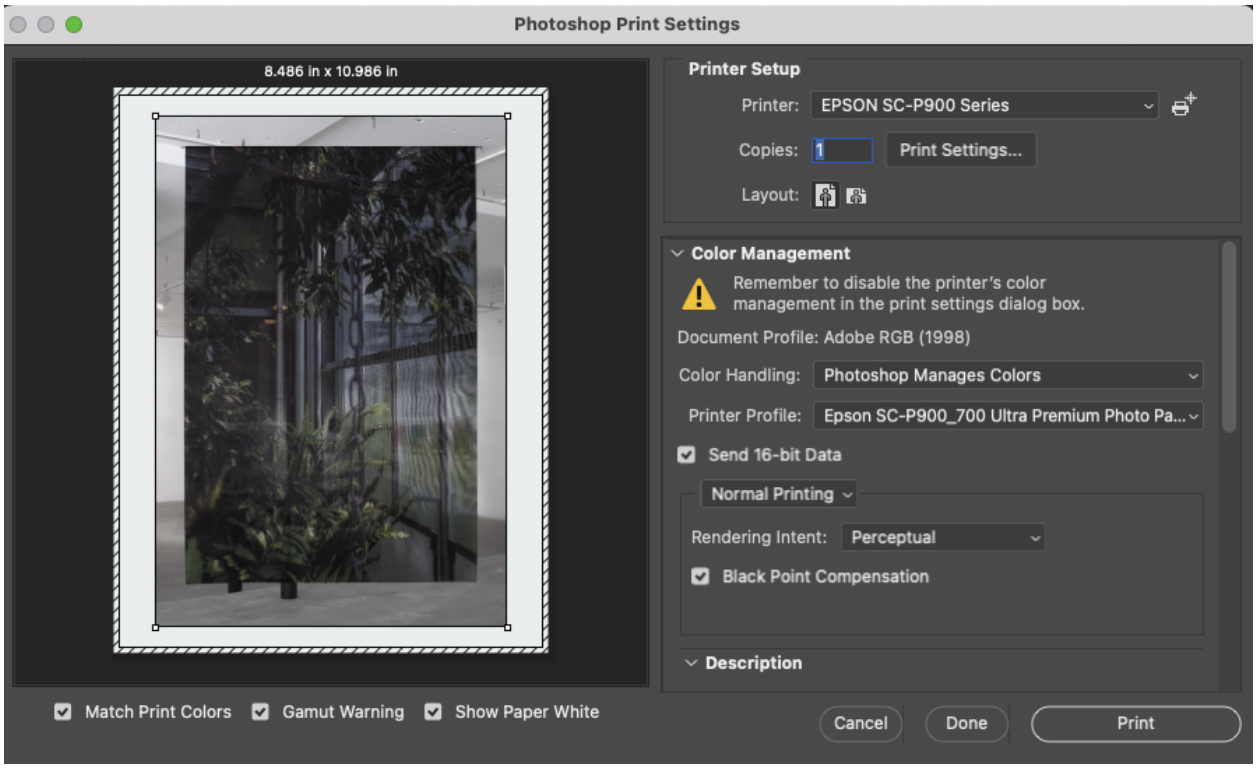


Page Setup: Sheet
Media Type: Ultra Premium Photo Paper Luster
Color: PrecisionDot
Color Mode: Off (No Color Management)
Print Quality: High Quality
Output Resolution: Photo 1440dpi
☒Black Enhance Overcoat
☒High Speed (turn off for matte paper)
☒Finest Detail

SAVE !!

After clicking SAVE, you'll be brought back to the Photoshop Printer Settings dialogue box. Under "Printer Setup," choose how many copies you want. Printing one is suggested before making multiple copies.

Select the appropriate Layout for your image, whether it is a portrait or a landscape.



Under "Color Management," select the following settings:
Color Handling: Photoshop Manages Colors
Printer Profile: SC-P900 Series (select appropriate paper profile)
☒Send 16-bit Data
Rendering Intent- Perceptual or Relative Colormetric
☒Black Point Compensation

PRINT !!