Epson Expression 10000XL Instructions

Epson Expression 10000XL Scanning Information

-The Epson Expression is a professional scanner with 2400 x 4800 dpi hardware resolution, capable of 48-bit color and 3.8 Dmax optical density for improved highlight and shadow detail on slides, negatives, and transparencies. With Epson's ColorTrue II Imaging System, the scanner reproduces images of amazingly accurate detail and color.

-Flat documents measuring up to 17.25" x 12.5" as well as any size film negative can be scanned.

-The scanning station computer uses Silverfast Ai software to render the highest quality image possible from the scanned source material.

-Scanning negatives requires a transparency unit cover. ....

-Please only place approved 2-dimensional materials (such as newspaper, magazines, books, fine art papers, photographs, film, transparencies, and other soft paper materials) on the scanner bed. Other materials will scratch the glass.

-Students who have attended the tutorial are able to reserve the Scanner for 2 x 2hr scanning session per week.

-**No food or drink is permitted at the scanning station.** Permission will be revoked indefinitely if this rule is not followed.

-It is recommended that a portable hard drive is used to save scanned files. This computer station is not for storing images.

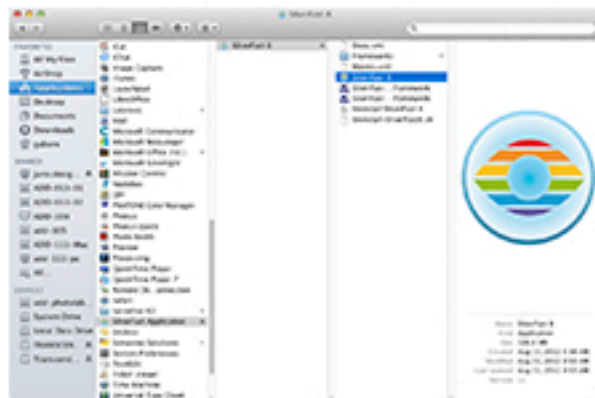-Bring some form of canned air or air rocket and white cotton gloves for handling negatives.

2-
Getting Started- Scanning documents

-Log in and plug in your external hard drive.

-If the scanner is not already on, press the grey Power button on the front, left side of the machine.

-Go to the applications folder and open Silverfast 8 application. Silverfast is the application that you will be scanning from. You can also drag the SF icon to the dashboard of the computer so that it appears next time you log in.

-Open the cover of the scanner and place your document face down, in horizontal orientation, with the corner of the paper lined up to mirror the arrow on the upper left corner of the scanner bed.

-Click the Scan Dimensions Tab to create the settings for your scan.

3-
-Name your file.

-Select the format (TIFF, JPG, etc)

-Select a location to save the TIFF (clicking on the folder icon next to the Path selection box will open the Finder browser)
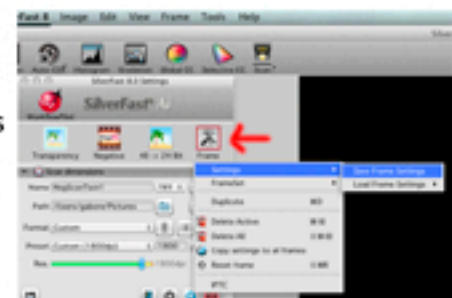
-Choose a Format. If you do not see the size you are scanning, select custom. You can also change the orientation of the scan.

-Choose a Preset. Photo Quality 1 (300 dpi) is fine for most images. The ppi will automatically change depending on your Preset.

-You do not need to worry about the Expert Settings, but if you have trouble with sizing later in your workflow, this is a good place to check to make sure the input and output dimensions are correct.

(You can save your settings here to avoid re-setting all of the menus every time you re-open Silverfast)
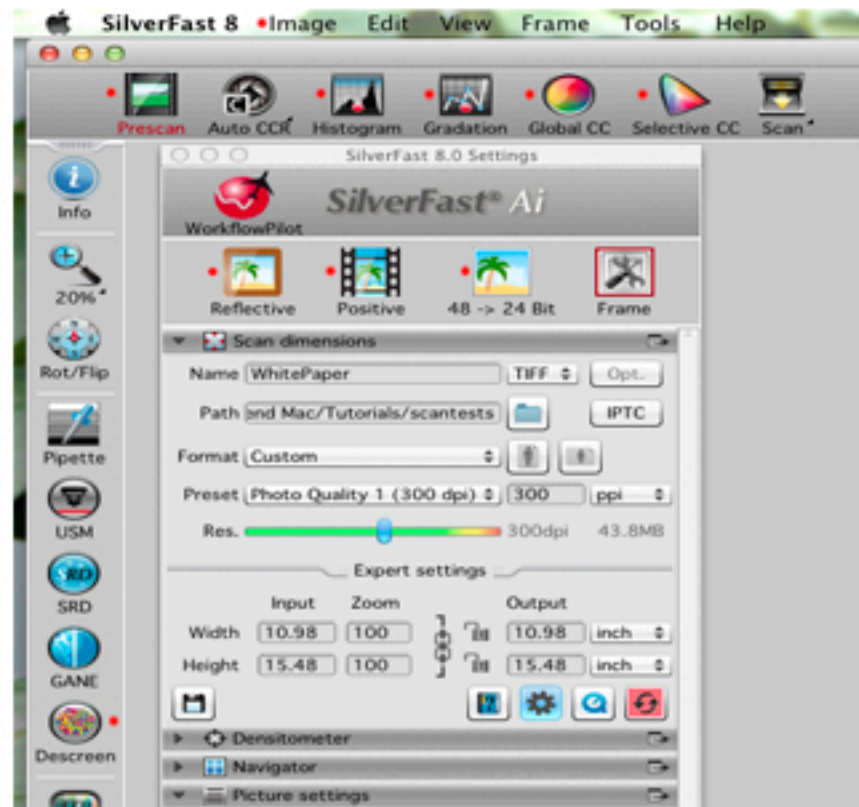
4-

-Image-Scan Mode-Re-
flective

-Image-Image
Type-Positive

-Image-Color
Depth-42->24 Bit for
color-16->8 Bit for B&W

-These selections can
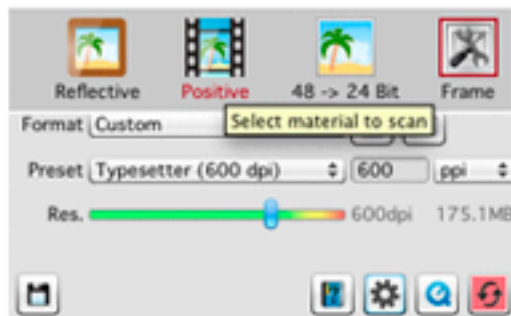also be made above the
Scan Dimensions bar.

-PRESCAN

-Drag the red selection box around the area you would like to scan. Any correc-
tions will be callibrated to tones and qualities of this area only.

-Set Black and White points on the histogram and make any color corrections
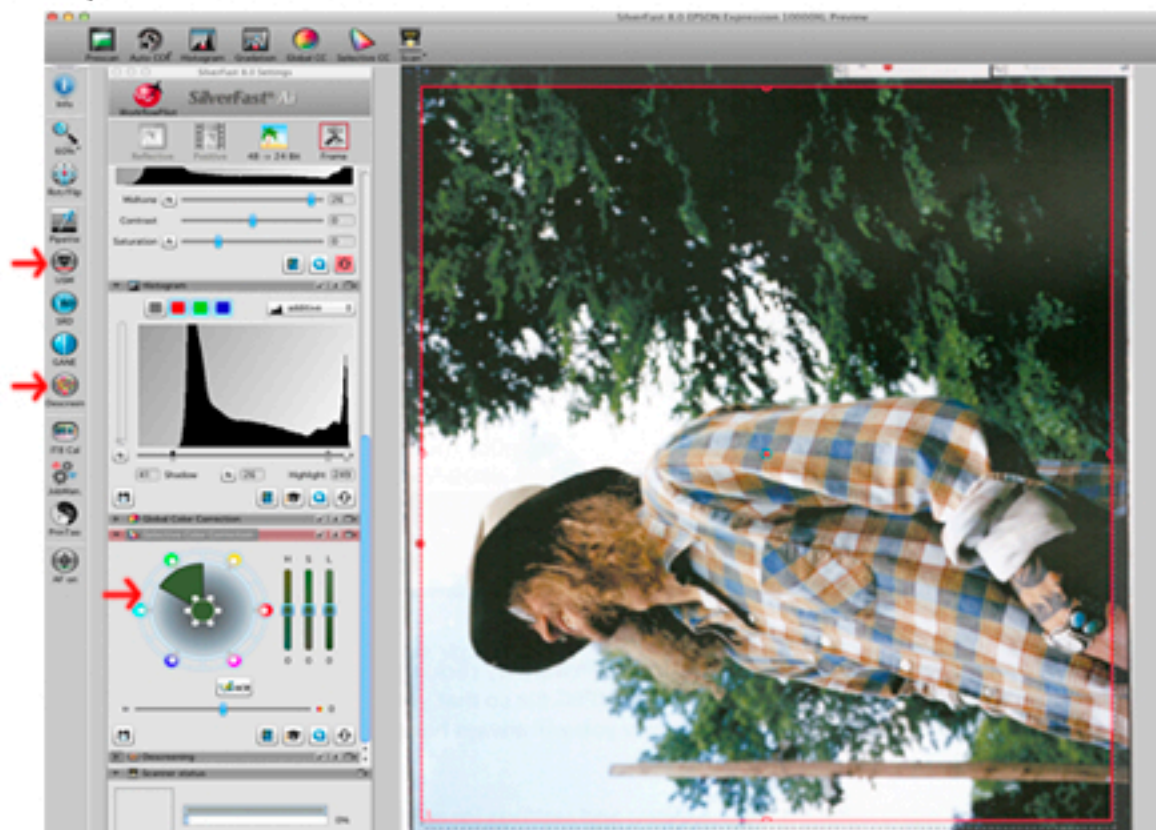(CC) globalley or selectively.

5-

-There are quick time tutorials in most of the tool drop down menus.

-In Selective Color Correction, clicking on a color in the pre-scanned image locates it on the color wheel where you can use the sliders to adjust that specific hue.

-The Descreen icon will allow adjustments to the visual texture of scanned magazine pages. Clicking the 1:1 button in the Descreening menu will enlarge the image so you can see the effects of your adjustments.

-The Unsharp Mask (USM) icon allows adjustments to the sharpness of the image. As in Photoshop, the contrast between pixels will be increased as the Sharpness power is increased.
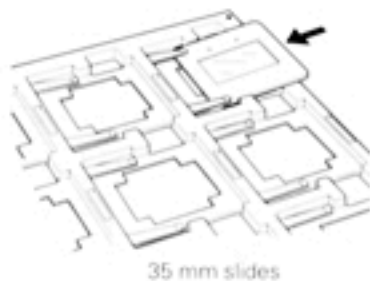
6-

-Once you achieve an image that you are happy with, click SCAN. The file will automatically be saved to the location that you selected earlier.

-You can now open the file in Photoshop to continue editing!

Scanning Negatives and Transparencies

-Scanning negatives and transparencies requires a different cover for the scanner. If you are planning on scanning negatives, make sure to schedule yourself a time slot with the machine when Micah or Elisa will be available to change out the covers.

-There are holders for 35 mm slides and filmstrips, 4 x 5, and medium format (120, 220, 6 x 12 cm) film. Custom size negatives can be placed directly on the scanner bed.

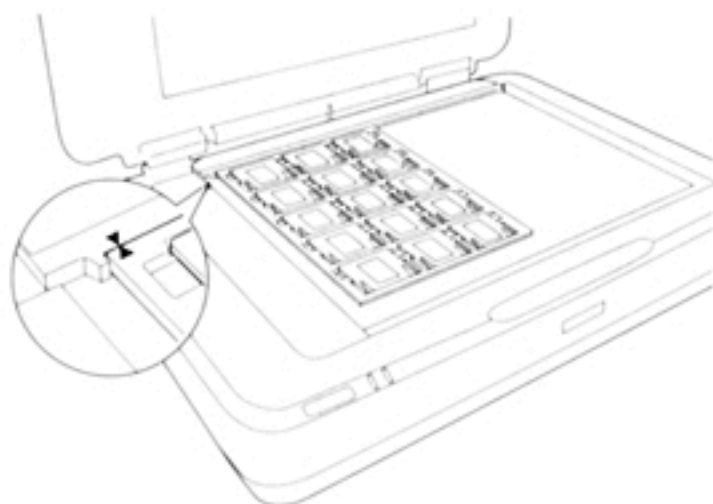35 mm slides

35 mm strips

4 x 5 inch film

Medium format film

7-
-Open the film holder cover and load the film with its shiny side face-down and the film emulsion layer face-up.

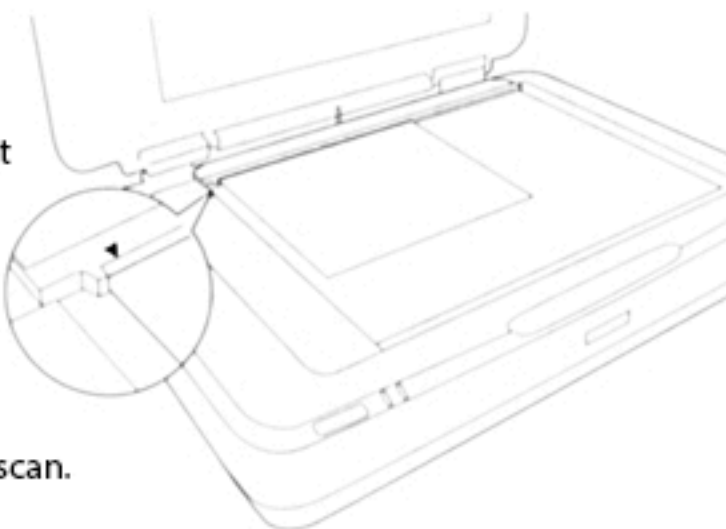-Place the film holder on the document glass, aligning the arrow marks as shown.

-When scanning large numbers of images, you can place a second film holder on the scanner next to the first one.

-Close the transparency unit and scan.

-Non-standard film sizes up to 12.2 x 16.5 inches can be used.

-Set film directly on the document glass, with the shiny side face-down and the film emulsion layer face-up. Align the film with the edge of the transparency guide, as shown.
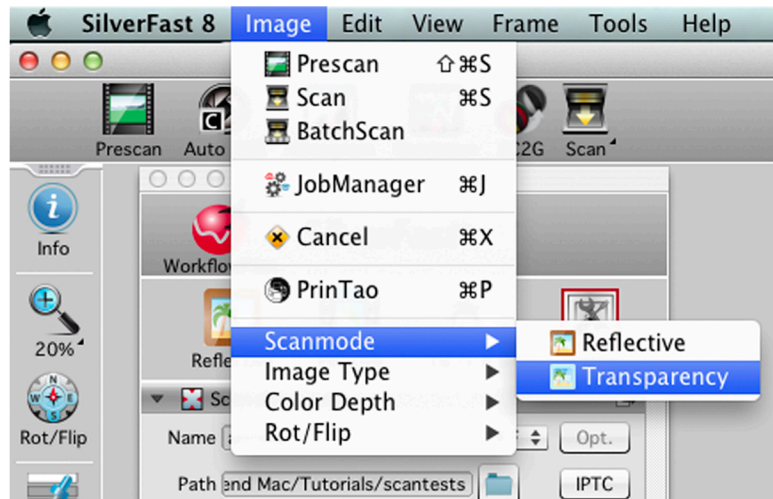
-Close the transparency unit and scan.

8-

-Image-Scanmode-Transparency

-Image-Image Type-Negative

-Image-Color Depth-16-->8 Bits for B&W film-48-->24 Bit for Color film

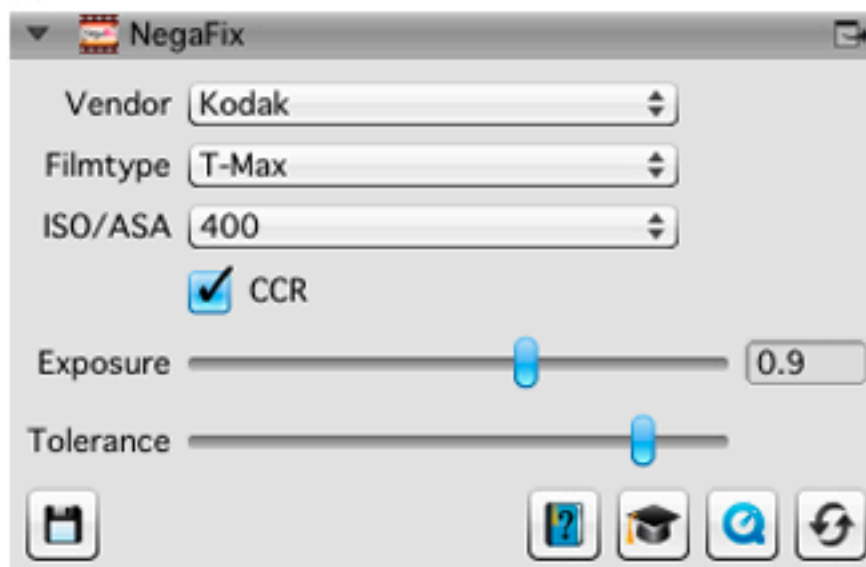-Name, choose a format, and set a path for the file as with the document scanning process.

-Preset-Custom(1800dpi)

-You can customize the resolution with the slider bar below the Preset drop-down menu. I suggest 1800 dpi for a manageable file size and good quality for scaling up photographs.

-Maximum print output size for negatives scanned at 1800 dpi ~ 11 x 7 inches.

-Maximum print output size for negatives scanned at 6400 dpi ~ 38 x 25 inches (scan takes significantly longer to image).

9-

NegaFix

Vendor | Kodak

Filmtype | T-Max

ISO/ASA | 400

☑ CCR

Exposure ———————————○——————— 0.9

Tolerance ———————————————○—————

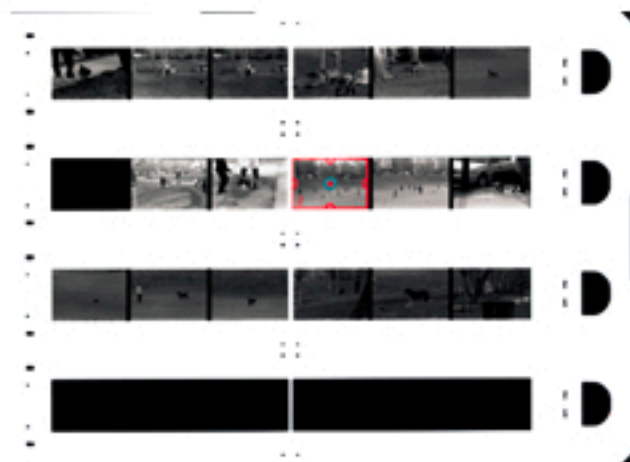-Select brand, type, and ISO of film.

-For B&W film, check CCR (color cast removal)

-I recommend adjusting exposure in Photoshop, not here.

-PRESCAN

-The entire sleeve of negatives can be scanned for quick contact sheet or individual negatives can be scanned by dragging the red selection box around the single negative.

-SRD (scratch and dust removal)

Histogram   Gradation   Global CC   Selective CC

-Set white and black points on histogram, make any other adjustments to optimize input of scan

-SCAN!

-Open file in Photoshop to continue editing. To invert the negative in PS, select Image-Adjustments-Invert.