The Imacon scanning workstation is reserved for scanning only. Please check out another workstation for manipulating your images.

When you check out this station, get the scanning packet from the lab monitor. It contains the film holders for use with the Imacon scanner. The format of film you are scanning will determine which film holder you will need to use. At the bottom of this page are illustrations of all the film holders for the Imacon.

Starting the Imacon scanner:

1. Pull the dust cover off of the Imacon scanner.
2. Pull down the light table on the front of the machine. The light table will light up if the machine is on. If not hit the red button to start.

36x24 / 24x36 for unmounted 35mm film
60x60 x 2 for 60mm x 60mm film
60x70 60mm x 70mm film
4x5 for 4in x 5in film
Mounting your original film:

1. Select one of the film holders from the scanning packet.

**Note:** The film holders have three parts: the metal base, the rubber cover, and the plastic trim. Make sure that the plastic trim is properly attached to the base of the rubber cover as depicted on the illustrations on the first page.

2. Place the empty film holder gently between the two metal guides on either side of the tray backlight. The metal base of the film holder should be on the bottom, touching the light tray, and the plastic trim should be on the bottom side.

3. Slowly slide the film holder upwards towards the opening of the Imacon. Locate the three screws in the clamp that extends out of it. Guide the notch at the top of the film holder under the middle screw of the clamp.

4. Let the magnetic pull from the clamp pull the film recorder in place.

**Do not push the film holder into place as the delicate frame of the clamp can easily bend and cause the Imacon to jam.**

Make sure that the middle screw is snug in the notch of the film holder:

5. Load your film into the holder by lifting the top rubber cover and placing your film with the emulsion side down. Place the film over the appropriate frame opening.

**Note:** By attaching the film holder while the light table is on, you can use the backlight to help align the film.

There are two metal guides on either side of the light table.

**No edges of the film may extend past these guides or the Imacon will jam.**

The magnet in the clamp will keep the film holder in place during the scanning process. To remove the holder, simply slide it back out.
Scanning your film:

See the following page for a more indepth outline of the toolbar features.

1. Open the scanning utility FlexColor. This is the software provided with the Imacon scanner. You can find shortcut to FlexColor either in the Dock, the desktop, or the Applications folder.

   Use the toolbar in the left portion of the main window to carry out the following steps to scan your film.

2. Using the Setup pull-down menu, choose a color scanning setup. Make this decision according to what kind of film you have loaded into the film holder. The pull-down list contains a large number of optical calibrations for specific negative film types, as well as some generic film types. There are no specific calibrations for positive or tungsten films in this list.

3. Using the Frame pull-down menu, choose the format of your film. To allow the Imacon to automatically determine the type of film holder you are using, make sure the A button is pressed (located next to the pulldown menu).

   Now the scanner will automatically zoom and focus on the proper area of the film holder when scanning.

4. Select the color mode for the resulting image. RGB is the standard color mode and the image will be 24-bit (8-bits per channel).

   Choosing RGB 16 will save a 48-bit image (16-bits per channel), and thus have an increased color depth, but less compatibility.

5. Adjust the PPI (pixels per inch; equivalent to DPI) as needed. Always scan at 100%. By default, the Imacon is set to true resolution mode, which effects the maximum resolution available to the film format you are using. Refer to the table above for the maximum resolutions available for each format.

   Note: If scanning 35mm, the lower (portrait) opening provides greater resolution (8000 PPI vs. 5000 PPI).

6. Press the Preview button at the top of the toolbar. After the preview scan is complete, click and drag a selection box around the image to specify the crop area.

   At this point, you should make any necessary color or tonal adjustments.

7. Press the Scan button. A dialog box will appear prompting you to save the scan. You have the option to either save the images in TIFF or JPEG format. Once you click Save, the Imacon will begin scanning.

For more detailed information about the Imacon or the FlexColor scanning software, check out the Imacon manual or FlexColor guide.
The FlexColor toolbar:

A. Initiates a preview scan.
B. Initiates a final scan. This will open a dialog box prompting you to save an image before the scanning occurs.
C. Initiates a final scan and saves in 3f format. The 3f file format is an extended TIFF file format containing various meta-data. See the FlexColor manual for details.

D. Previous/next image buttons. Use these buttons to select previous or next image from the thumbnails folder.

E. Opens the batch scan window. You can use this window to initiate multiple scans from multiple crop regions.

F. Opens the thumbnail window. You can view all the 3f files in the selected folder.

G. Opens a pull-down list of setup configurations. Choose one of the entries which best suits the film you are scanning.

H. Opens a pull-down list of available film holders. Choose one of the entries which corresponds to the film holder you have mounted on the light table.

I. Toggles automatic detection of the film holder.

J. Opens a pull-down list of available color modes. Choose an appropriate color depth and color space.

K. Toggles auto focusing.

L. Opens the Color Info window.

M. Opens the Histogram window.

N. Opens the Gradation window.

O. Opens the Color Correction window.

P. Opens the Texture window.

Q. Applies automatic color settings. These are based on the histogram of the crop region.

R. Resets all corrections to default.

S. The measured width and height of the output window. This is set in the Preferences window.

T. The level of magnification applied when the image is saved. The image will be digitally interpolated.

U. The file size of the final image. This will effect the Zoom parameter above.

V. Toggles the cropping features. This enable you to apply cropping regions.

W. The output resolution of the final image. This will effect the Width and Height parameters above.

X. The zoom controls. Use these buttons to zoom in, zoom out, and fit the preview in the preview pane.

Y. Open the Detail window.

Z. The orientation controls. Use these buttons to rotate and/or mirror the preview image in the preview pane.

1. Toggles the crop mask. When on, the cropped area appears darkened.

2. Toggles the overlay. This function is primarily for digital camera back users.

3. Grid/Overlay button. Adds a grid or an overlay over the preview, which can be useful for lining up your original before the final scan.