1. Drag each Brightness, Contrast or Color balance slider or input the desired value in the text box.

- The change will be reflected in the preview image.
- Moving the Brightness, Contrast or Color balance slider changes “Post-Correction Gray Scale” and “Post-Correction LUT”.

Post-Correction LUT

The color of the image is changed as shown in the Post-Correction LUT.
The correspondence between the color displayed on the Pre-Correction Gray Scale and Post-Correction Gray Scale appears on the Post-Correction LUT.

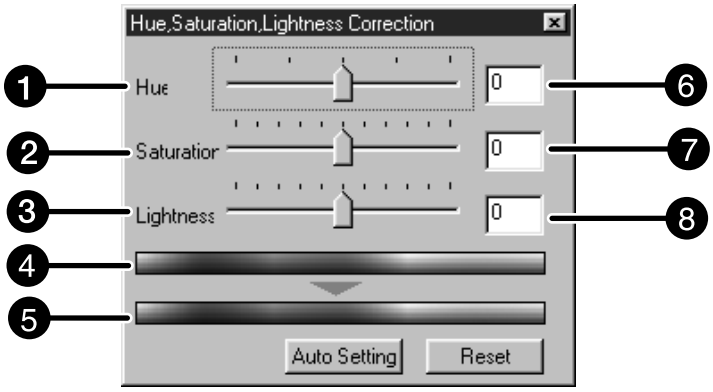
Auto setting

When the Auto setting button is clicked, the brightness and contrast of the image is corrected automatically according to the lightness without changing the color balance.

When the Hue/Saturation/Lightness Correction button is clicked, the Hue/Saturation/Lightness Correction window is displayed.
The images can be corrected by dragging the slider or inputting the desired value in the text box.

- Click on  in the Image Correction window.

The Hue, Saturation, Lightness Correction Dialog box — Name of parts



1. Hue-level slider
2. Saturation slider
3. Lightness slider
4. Pre-Correction Color Sample
5. Post-Correction Color Sample
6. Hue-level text box
7. Brightness text box
8. Saturation text box
9. Lightness text box

1. Drag the each Hue, Saturation or Lightness slider or input the desired value in the text box.

- The change will be reflected in the preview image.
- To change the colour, move the Hue, Saturation or Lightness slider (or input the desired value in the text box).
- Moving the slider changes “Pre-Correction Color Sample” and “Post-Correction Color Sample”.

Pre-Correction Color Sample and Post-Correction Color Sample

The colour of the image is changed as shown in “Correction Color Sample”.
The colour displayed in “Pre-Correction Color Sample” is changed as shown in “Post-Correction Color Sample”.

Auto setting

When the Auto setting button is clicked, the saturation of the image is corrected automatically without changing the hue and lightness.

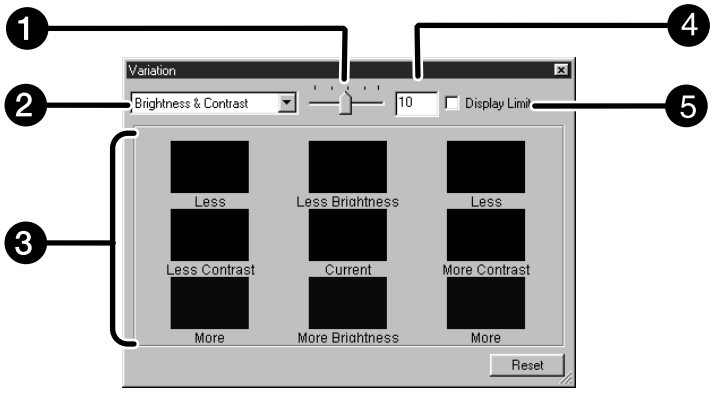
Reset

If you click the Reset button, the settings in the current correction window are reset.

The variation frames are displayed around the corrected preview image. You can correct the image while comparing with the variation images.

1. Click on  in the Image Correction window.

The Variations Dialog Box — Names of Parts



1. Variation Amount Control slider
2. Correction list box
3. Pre/Post Correction Image Display Area
4. Variation Amount Control text box
5. Limit Indication check box

Selecting the Correction Item

You can select from colour balance, brightness, contrast and saturation as the correction item to be used in the variation correction. However, colour balance and saturation are not available when using monochrome film.

1. Click on the arrow next to the correction item in the correction list box. The available correction items are displayed.

2. Click the correction item.

- The variation frames are corrected according to the selected correction item.

Color Balance Correction

The 6 images that have been corrected by one-step in each RGBCMY direction for the center image are displayed.

1. **Click the colour balance.**
   - The corrected 6 frames of variation images are displayed.

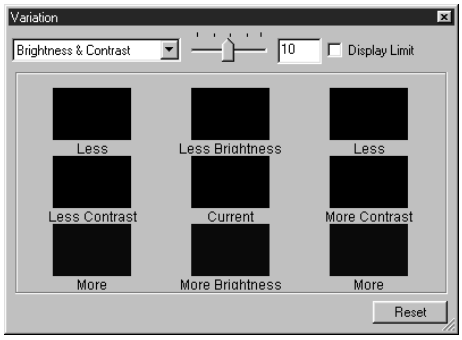
2. **Click the image in the direction you want to correct from the 6 frames of the variation images except for the center image.**
   - The image you clicked is placed in thw centre and 6 new variation images that have been corrected by one-step in each direction are displayed.

3. **Correct the image by repeating the operation in step 2.**

Brightness & Contrast Correction

The 8 images of which brightness and contrast have been corrected by one-step in horizontal and vertical direction respectively for the center image are displayed.
The variation images on the left and lower sides of the center image show the – correction effect, and on the right and upper sides of the center image show the + correction effect.

1. **Click the image in the direction you want to correct from the 8 frames of the variation images except for the center image.**
   - The image you clicked is placed in the centre and 8 new frames of the preview images that have been corrected in each direction are displayed.

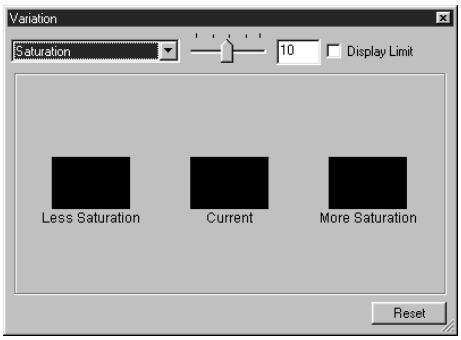


2. **Correct the image by repeating the operation in step 1.**

Saturation Correction

The 2 images of which saturation has been corrected on the right and left sides of the center image are displayed . The variation image on the left side shows lower effect, and on the right side shows higher effect.

1. **Click the image in the direction you want to correct from the 2 frames of the images except for the image in center.**
   - The image you clicked is placed in the centre and 2 new frames of the variation images that have been corrected are displayed.



2. **Correct the image by repeating the operation in step 1.**

Changing the Amount of Correction Step

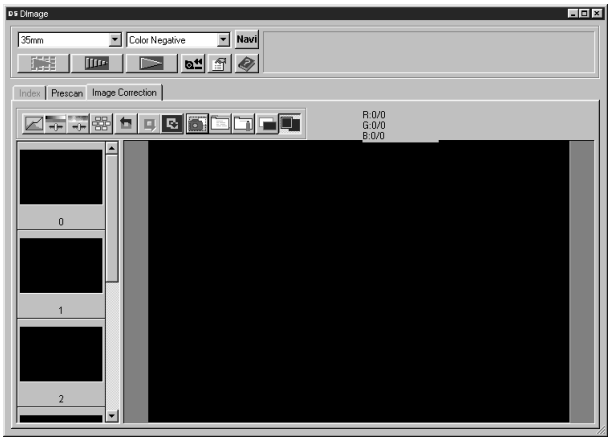
The amount of correction step can be changed by moving the Variation Amount Control slider. The desired amount can be also input in the text box.

When the Snapshot button is clicked, the current preview image is stored in the Snapshot Display Area temporarily and displayed as a thumbnail.
When the thumbnail in the Snapshot Display Area is double-clicked, that image is displayed in the preview window.
This allows a number of varying different corrections to be made and then compared without having to go back and retrace previous correction steps.

Storing in the Snapshot Display Area temporarily

1. Click on  .

- The displayed preview image is displayed in the Snapshot Display Area as a temporary storing place.

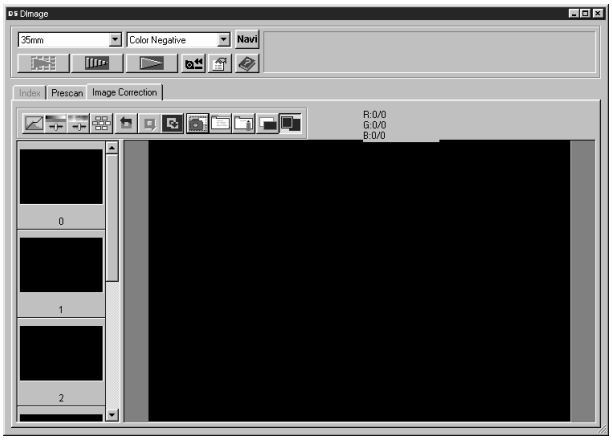


Snapshot Display Area 1

Displaying the image stored temporarily as a preview image

1. Click on the thumbnail in the Snapshot Display Area.

- The displayed preview image is deleted and the thumbnail image is displayed as a preview image.



Snapshot Display Area 2

Full-Screen View

This function allows you to display full screen the view of the corrected image in the image correction window.

1. Click the Full-Screen View button.

- When the Pre/Post Correction Image Comparing Display button is clicked, the size of the pre and post correction image is automatically changed according to the size of the main window.

Checking the Correction Result While Lining Up Images

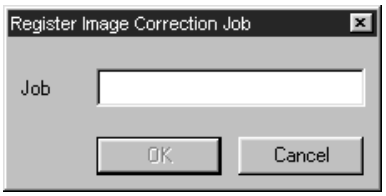
When the Pre/Post Correction Comparison Display button is clicked, the image correction windows are divided into right and left sides and pre-correction images are displayed in the left side, and post-correction images are displayed in the right side.

The image correction setting in each correction window can be saved as an image correction job. You can easily correct the image by loading the apporopriate correction job.

Saving Image Correction Job

1. Click on the Image Correction Job Save button in the Image correction tab.

• The Register Image Correction job dialog box is displayed.



2. Input the job name and click on the OK button.

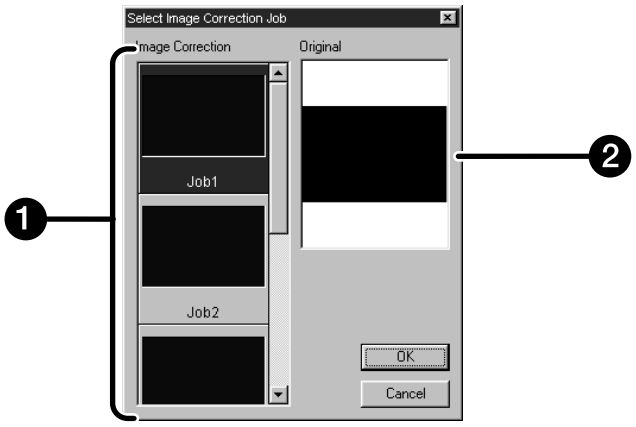
• The current image correction setting is saved as an image correction job.

Loading Image Correction Job

This function allows you to load the saved correction job and apply an image correction to the displayed image.

1. Click on the Image Correction Job Load button in the correction window.

• The Image Correction Job List window is displayed.



1. Image Correction job display area
2. Original image display

2. Select the image correction job and click on the OK button.

Canceling the Image Correction

When the Undo button is clicked, the current image correction is canceled and the image returns to the previous one.

Redo the Correction

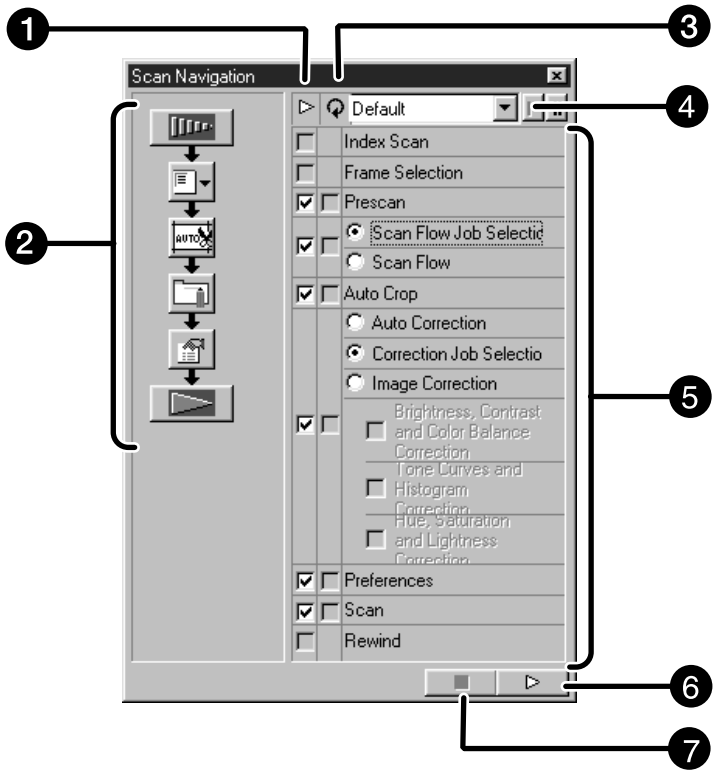
When the Redo button is clicked, the canceled image correction can be resumed.

Delete the Image Correction

When the Undo Correction button is clicked, all image correction is deleted and the image returns to the initial state.

The Navigation window allows you to automat the procedure of scanning. When the Navigation button is clicked in the Main window, the navigation window is displayed.

The Navigation Dialog box — Name of parts



1. Operation Item checkbox
2. Navigation Flow
3. APS Repeated Operation Item checkbox
4. Navigation Menu list box
5. Operation Items
6. Navigation Start button
7. Navigation Stop button

Navigation Menu

This menu allows you to select the saved setting for automatic operation. Not only the saved settings but the “Save Setting” and “Delete Setting” items are displayed in this menu.

1. **Select the operation items in the Operation Item Checkbox or APS Repeated Operation Item checkbox.**
   - The selected items are displayed with the buttons and arrows as a Navigation Flow.

2. **Click the Navigation Start button.**
   - To stop, click the Navigation Stop button.

Operation item checkbox

Insert the check mark in the operation items to be performed as the automatic operation.
When using a film format other than APS, the index scan, film frame selection and rewind cannot be selected.

1. **Insert the check mark in the operation items to be performed as the automatic operation.**

APS repeated operation item checkbox

Insert the check mark in the items to be performed for all frames of the images every time you execute the automatic operation.
When using a film format other than APS, the APS Repeated Operation Item checkbox cannot be selected.

1. **Insert the check mark in the operation items to be performed for all frames of the images every time you execute the automatic operation.**

Operation items

The operation items in the automatic operation are displayed.

1. **Select the details of the operation items with the radio button or checkbox.**

Saving, Selecting and Deleting a Navigation Setting

This function allows you to save the navigation settings.
The above settings can be saved, selected or deleted in the Navigation Menu list box.

Saving a Navigation setting

1. **Click on the arrow next to the Navigation menu list to display the available menu.**

2. **Select saving setting.**
   • The Navigation set saving dialog box is displayed.

3. **Input the setting name and click the OK button.**

Selecting a Navigation setting

1. **Click on the arrow next to the Navigation menu list to display the available menu.**

2. **Select the setting to be used.**

Deleting a Navigation setting

1. **Click on the arrow next to the Navigation menu list to display the available menu.**

2. **Select the setting to be deleted.**
   • The Navigation set deleting dialog box is displayed.

3. **Select the setting to be deleted and click the Delete button.**

Scan the film according to the Preview settings.
With the Dimâge Scan Elite utility software, you can save the final scan in one of the following file formats.

JPEG	TIFF
BMP (Windows only)	PICT (Macintosh operating system only)

The 48 bit (16 bit each RGB) image file can be saved in the tiff format only.

Twain Driver Plug-in Software

With the Preview image displayed in the Preview window.

1. Click on  in the Main window.
- The final scan will begin.
- When scanning is complete, the final scan will appear in the host application.

2. Save the image using the instructions for your host application.

3. Close the Control Window to exit the Dimâge Scan Elite driver software.
- The driver window will close automatically after each scan if the Close Driver After Scanning option was selected in the Preferences dialog box (p. 21).

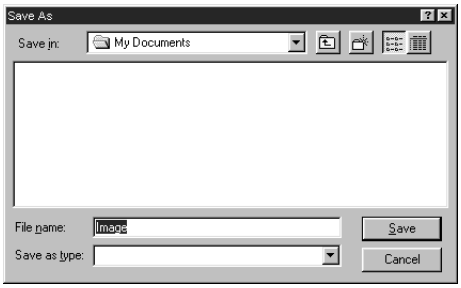
Utility Software

With the Prescan image displayed in the Preview window.

1. Click on  in the Main window.

Your system's standard save dialog box will appear.

2. Enter the desired file name and select the file destination.



3. Select the file type from the drop-down list.

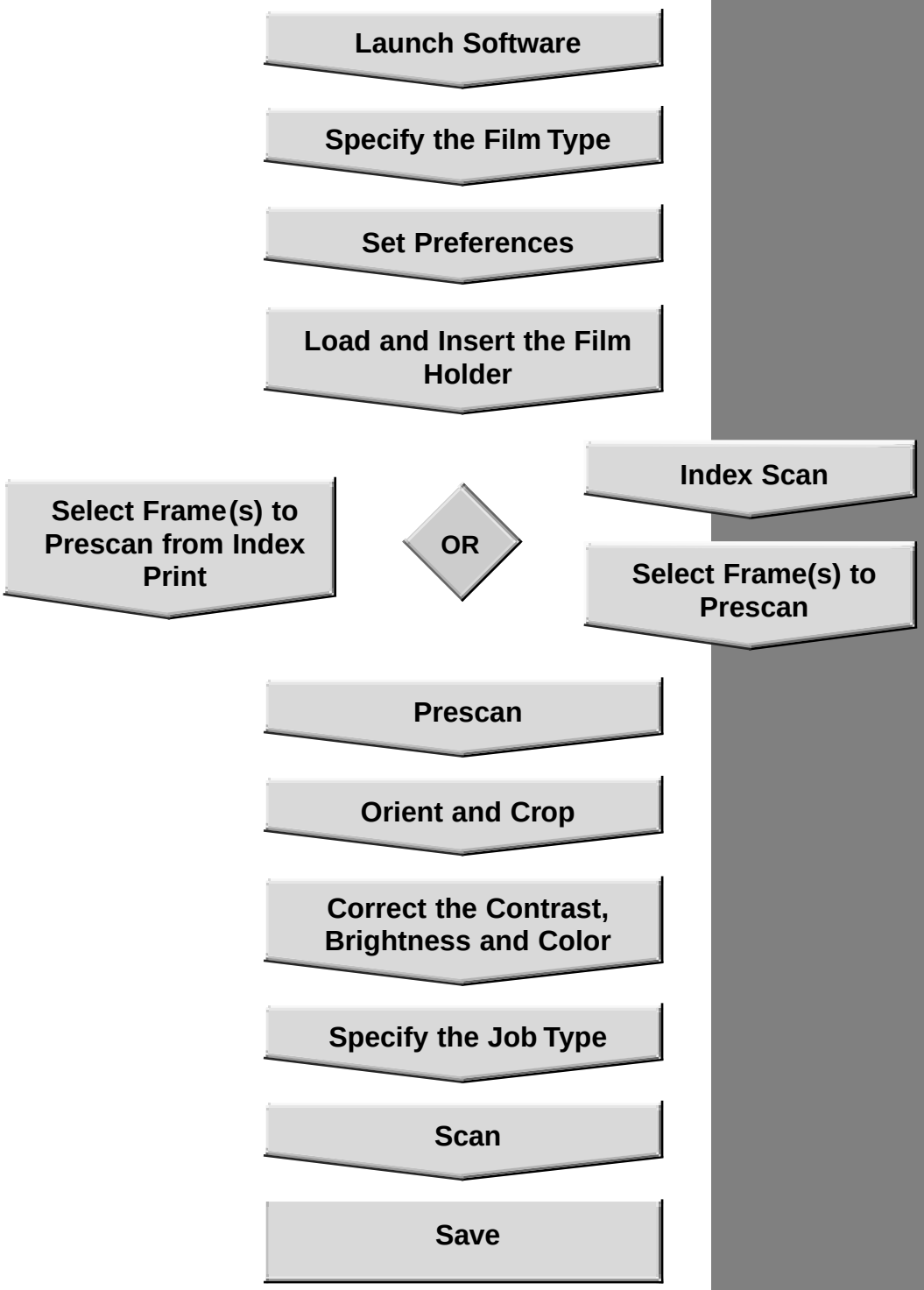
4. Click on  .

- The final scan will begin.
- When scanning is complete, the scan will be saved in the selected location. The software will return to the Preview window.

5. Close the Control Window to exit the Dimâge Scan Elite driver software.
- The driver window will close automatically after each scan if the Close Driver After Scanning option was selected in the Preferences dialog box (p. 21).

SCANNING APS FILM

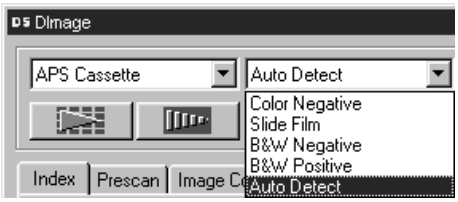
SCAN FLOW



1. **Launch the software (pp. 18-19).**

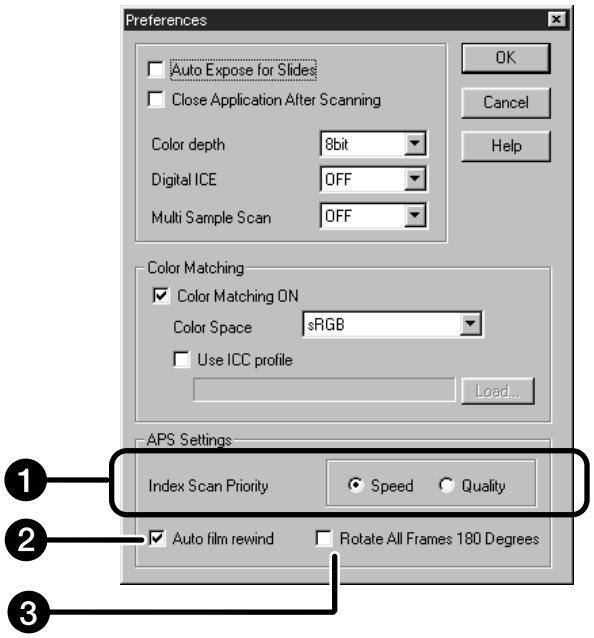
2. **Select APS Cassette from the film format drop-down list in the main window.**

3. **Select the film type from the film type drop-down list.**



1. Click on in the Main window.

The preferences dialog is displayed.



2. Set the Preferences as desired in the APS settings part.

• De-select the Close Driver Software After Scanning check box when scanning multiple images at the same time.

❶ Index Scan Priority

Speed – Creates a thumbnail representation of each frame on the roll.
Quality – Thumbnail and Preview images are created for each frame on the roll.
• Double-clicking on the index image opens the ready-made preview image.

❷ Auto Film Rewind

Clicking on the eject button in the Command window automatically rewinds the film into the APS cassette before the APS adapter is ejected.

❸ Rotate All Frames 180°

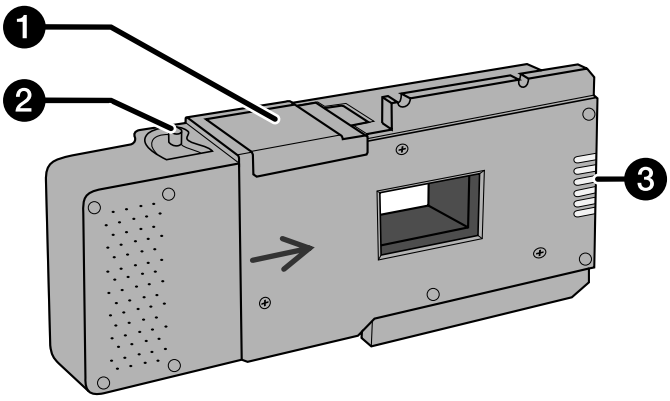
Rotates all frames in the index window 180°.

The AD-10 APS Adapter is an optional accessory. The Dimâge Scan Elite can not scan Advanced Photo System film (IX-240 type) without the AD-10 APS Adapter.

Names of Parts

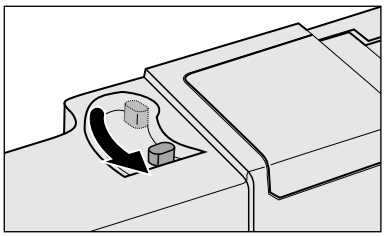
1. Film-chamber door
2. Film-chamber release
3. Scanner contacts*

* Do not touch

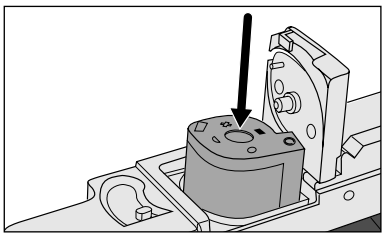


Loading the APS Adapter

1. Slide the film-chamber release as shown.
- The film-chamber door will open.



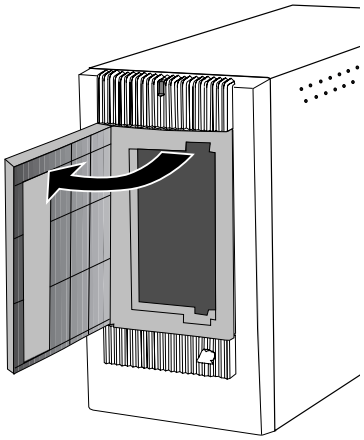
2. Insert the film cassette into the film chamber with the VEI (Visual Exposure Indicator) on top.



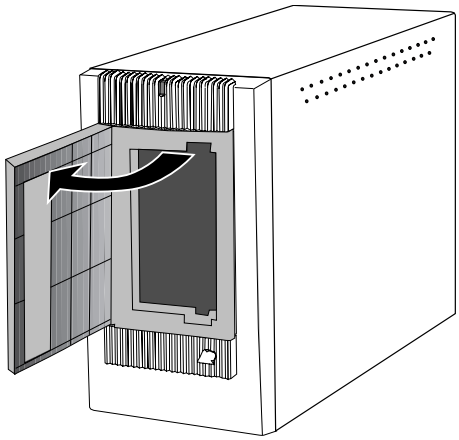
3. Close the film-chamber door.
- The film-chamber door will not close if the ■ mark is not highlighted. Forcing the door shut could damage the cassette.

Inserting the APS Adapter

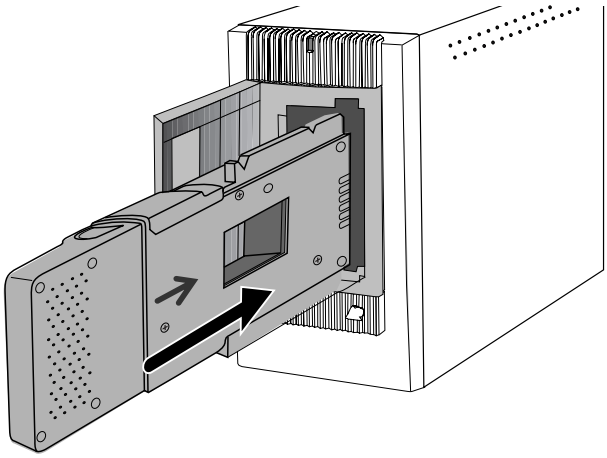
1. **Press the door where shown to unlock,**



…then open the scanner's film door.



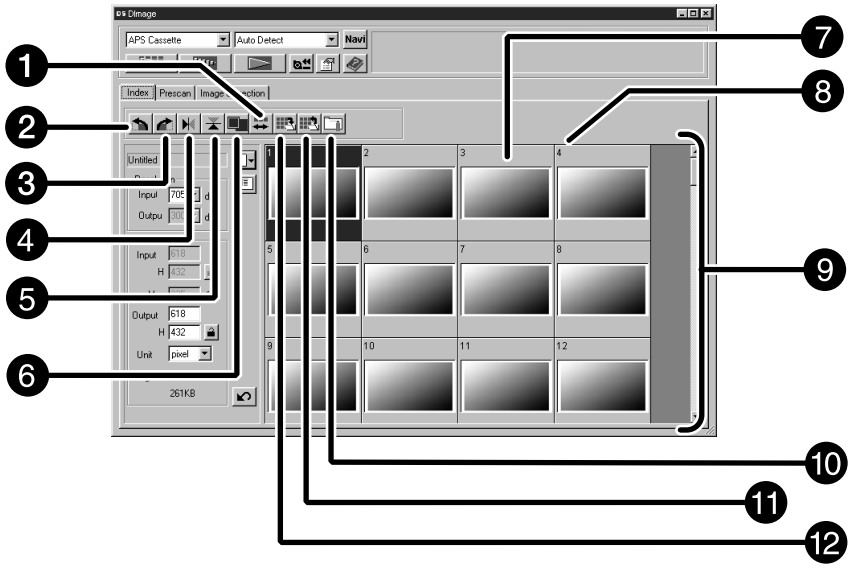
2. **Insert the APS Adapter into the scanner.**



Index scan displays a scan of each image on the cassette in the index scan window. The time required for an index scan depends on the performance of your machine.
If you don't want to index scan the entire roll, select the frame number of the image you want to scan from the index print provided by your photofinisher. Click on the appropriate image box in the index window to select an image for prescanning or scanning.

- There are two options for making an index scan, Speed or Quality. Select the desired option in the Preference dialog box (p. 57).

Index Window – Names of Parts

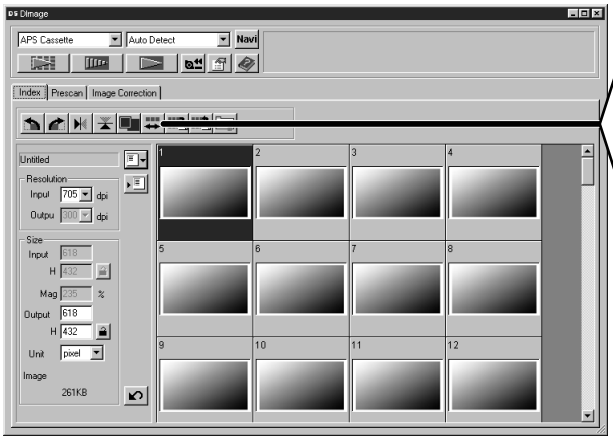


1. Reverse frame order button
2. Rotate left button
3. Rotate right button
4. Flip Horizontal button
5. Flip Vertical button
6. Full-Screen View button
7. Index imag
8. Frame number
9. Index Image frame
10. Image Correction Job Load button
11. Index Load button
12. Save Index Scan button

Index scan

Click on  in the Main window.

- All frames on the cassette will be scanned and appear in the Index window.



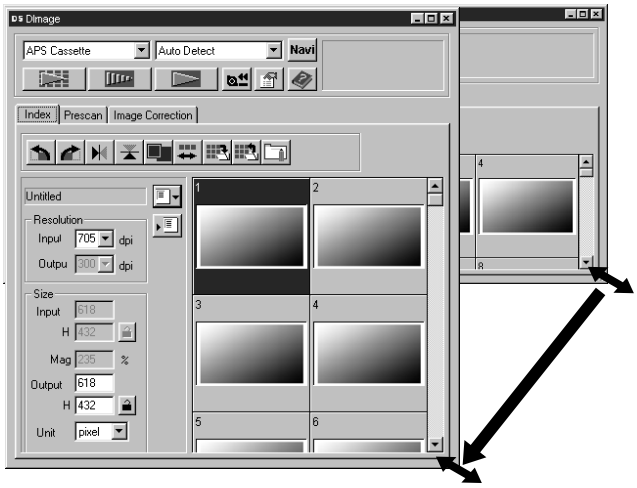
Click on  to reverse the display order.

NOTE:

- To cancel the index scan, press the escape key (⌘-• Command and period for the Macintosh) until the Cancelling Index Scan message box appears.
- The completed index scans will appear in the index window.
- Frames that have not been index scanned can still be selected for prescanning and scanning.

Index scan

Change the size of the Index scan window as desired. The position of the frames will change accordingly.

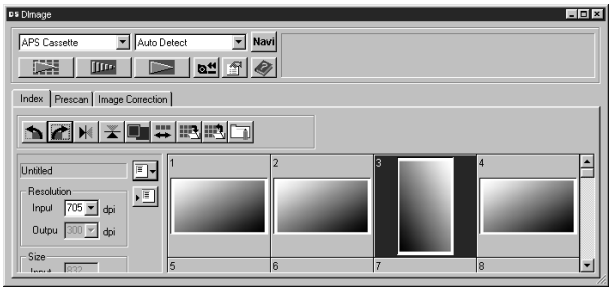


Click on the corner tab and drag to reach the desired size.

- When the Full-Screen View button is not clicked, the size and shape of the index frames does not change.
- When the Full-Screen View button is clicked, the size of the index frames changes automatically and all frames are displayed.

Rotating the Index Frames

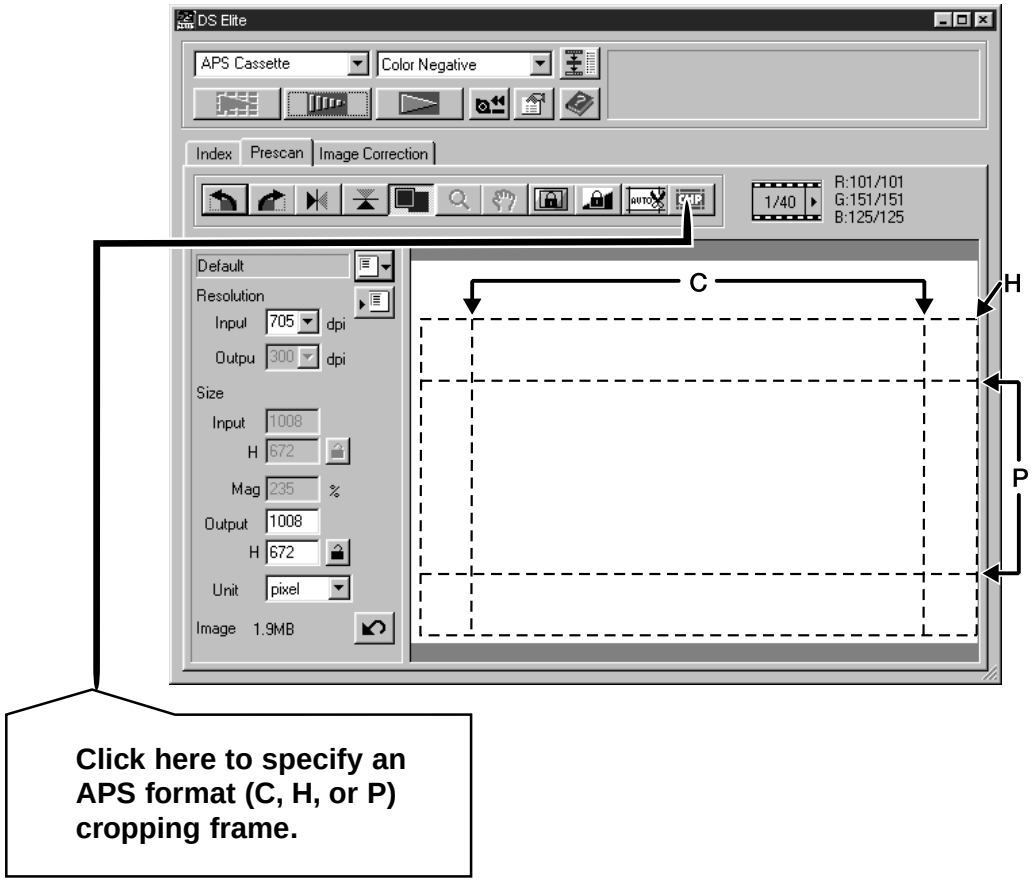
Rotate index frames so they appear in the index scan window with the proper orientation.



Select the desired frames, then click on , or , .

- The selected frames will rotate in 90° increments either clockwise or counter-clockwise or flip vertically or horizontally.
- Rotating the index frame will not affect the Preview or Scan.

1. **Click on an image or an image box, then click on  . The image will be prescanned, then opened in the Preview window.**



2. **Orient and crop the image as desired (pp. 29-33).**

3. **Apply contrast, brightness, and colour corrections (pp. 34-46).**

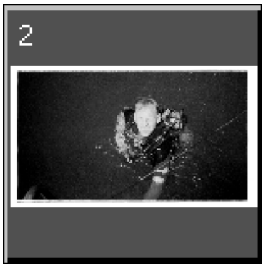
4. **Select the desired job type (pp.71-72).**
   - Only one job type can be selected when multiple images are scanned at the same time.

5. **Close the Preview window to return to the Index window.**
   - Adjustments made in the Preview window are held until the image is scanned or the driver software is closed.

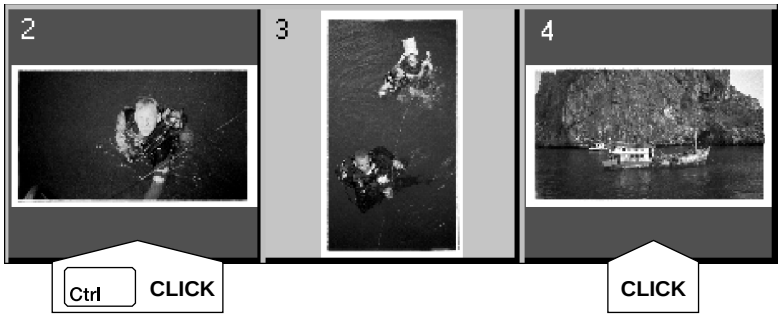
Selecting Frames

1. Click on an image to select it for scanning.

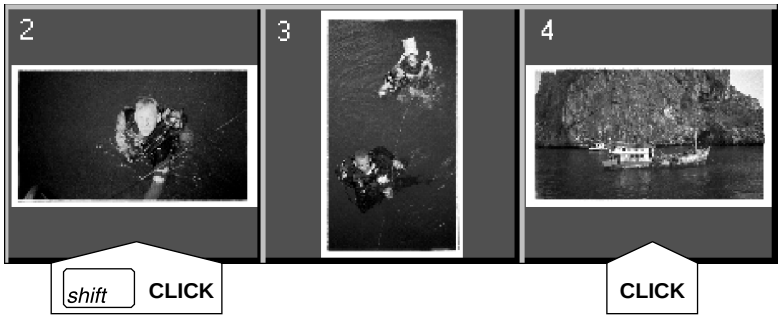
- Selected images are surrounded by a dark gray frame.



- Press the control key (⌘ key for the Macintosh) while clicking to select additional frames for scanning.
- Press the control key (⌘ key for the Macintosh) while clicking to deselect an image.



- Press the shift key while clicking to select all the frames between the current frame and the last frame selected.



2. Click on  to scan the selected image(s).

- The scan is cancelled if more than the number of frames selected is greater than the Max # of Frames set in the Preferences dialog box. See Preferences - APS Settings on page 57.
- The image will be opened in your photo application software when the scanner's driver software is closed.
- Some photo applications can only acquire one image at a time.

NOTE:

Click on  to save the index as an image file.

- The image can be saved in JPEG or BMP format (JPEG or PICT format for the Macintosh).

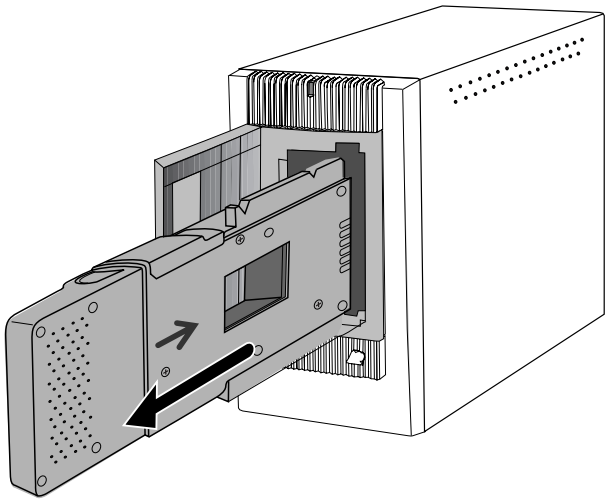
3. Refer to page 54 to save the scanned image(s).

- Multiple scans will be saved using the selected file name and numbered chronologically. Example: File_Name01, File_Name02, File_Name03...

1. Click on  to rewind the film into the cassette.

- This step is not necessary when the auto rewind option is selected in the Preference dialog box window (p. 49).

2. Remove the APS adapter from the scanner and close the film door.



3. Close the Control Window to exit the Dimâge Scan Elite driver software.

- The driver window will close automatically after each scan if the Close Application After Scanning option was selected in the Preferences dialog box (p.21).

4. Open the APS adapter's film chamber door and remove the cassette.

NOTE:

Multiple images can be scanned before closing the software.

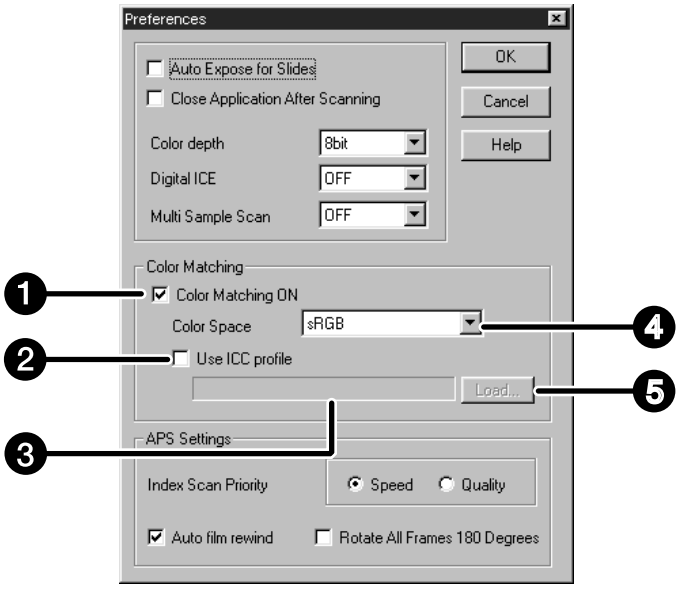
- Some photo applications can only acquire one image at a time.

APPENDIX

This function allows you to match the scanner data to the monitor type (colour space).
The output colour space and ICC profile can be specified by using the colour matching function.
To match the scanner data to the colour space, specify the output colour space.
To correct the color reproduction character of the monitor and to reduce the difference of color between monitors in different environments in addition to the color space setting, specify the monitor ICC profile settings in both the driver software and a software such as Photoshop. For details, refer to page 69.

1. Click on  in the Main window.

The Color Matching in the Preference Dialog Box — Name of parts



1. Color Matching ON checkbox
2. ICC profile setting checkbox
3. ICC profile text box
4. Output Color Space list box
5. ICC profile Load button

2. Set the preferences as desired.
- De-select the Close Driver After Scanning check box when scanning multiple images at the same time.

NOTE:
When the color matching function is used, the processing time may be longer.

Output colour space setting

1. **Insert the check mark in the “Color Matching ON” box.**

2. **Click the ▼ (menu) button in the output colour space list box, the available output colour space settings are displayed.**

3. **Click the desired output colour space setting.**

ICC profile setting

1. **Insert the check mark in the “use ICC profile” box.**

2. **Click the Load button.**
   • The standard file open dialog of your operating system is displayed.

3. **Select the ICC profile according to the monitor being used.**

The application may perform the original matching process. If you want to change the setting, refer to the following sample settings.
When the colour matching function is used, the colour matching function of the OS, video card, etc. are disabled.

When using Photoshop Ver.3.0.5 or Ver. 4.0.1

Output colour space:	Apple RGB
ICC profile*[1)]:	select (for Windows)
	This is not used (for Macintosh)

When using an application of which the monitor colour matching function is set to ON

Output colour space*[2)]:	option
ICC profile*[1)]:	select

When using an application of which the monitor colour matching function is set to OFF, or when using an application which does not have the monitor colour matching function.

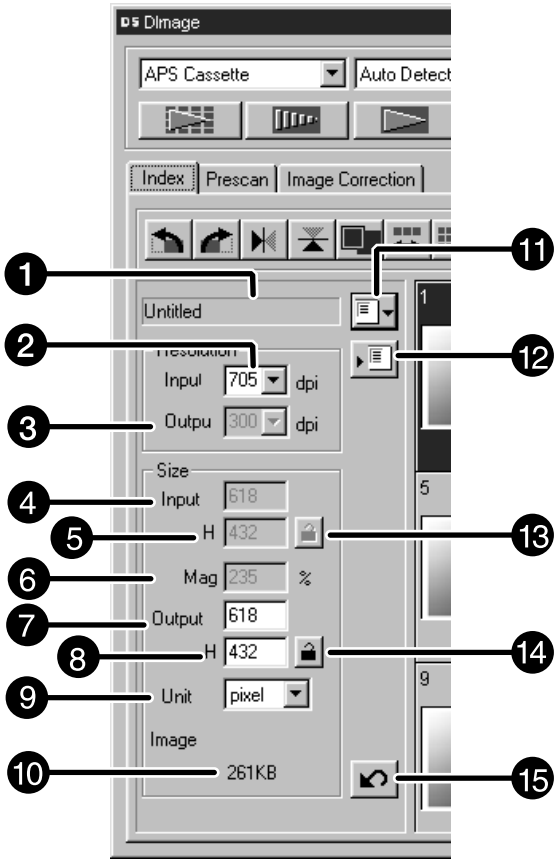
Output colour space:	do not specify
ICC profile*[1)]:	select

When an image is scanned with this setting, the data is matched according to the monitor being used.
*[1)] ICC profile specifies the ICC profile of the monitor.
*[2)] The same color space as specified in the application is specified.

The scan settings determine your final image's resolution, dimensions, and file size, as well as helping determine the image quality. You can select a Job (p. 71) to have the scan settings selected for you or you can directly enter them into the Main window (Index window or Preview window).

The Scan Settings part in the Main Window — Names of parts

Except the Image Correction window in the Main window.



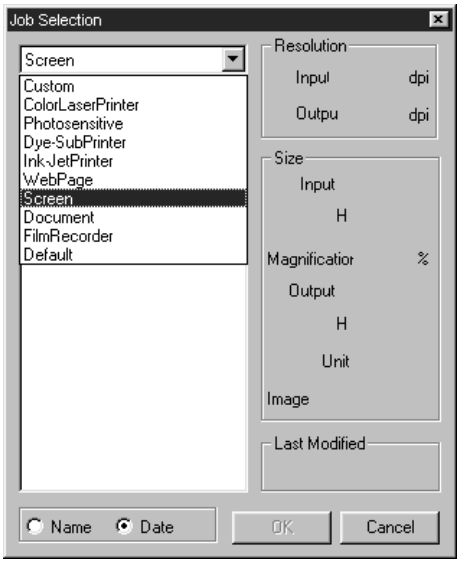
1. Job Name list box
2. Input Resolution list box
3. Output Resolution list box
4. Input Size text box (W)
5. Input Size text box (H)
6. Magnification text box
7. Output Size text box (W)
8. Output Size text box (H)
9. Units list box
10. Image size display
11. Job Load button
12. Job Registry button
13. Input Size lock button
14. Output Size lock button
15. Reset button

Image resolution is the number of pixels per inch (ppi or dpi) that represent your scanned image. The size of an image file is determined by its size (dimensions) and resolution.
The rule to follow when scanning is "bigger is better". To obtain the best results, set the output resolution to the highest value your final output device (printer, monitor, etc.) can handle. The driver software automatically determines the input resolution necessary to obtain the desired output size and resolution.

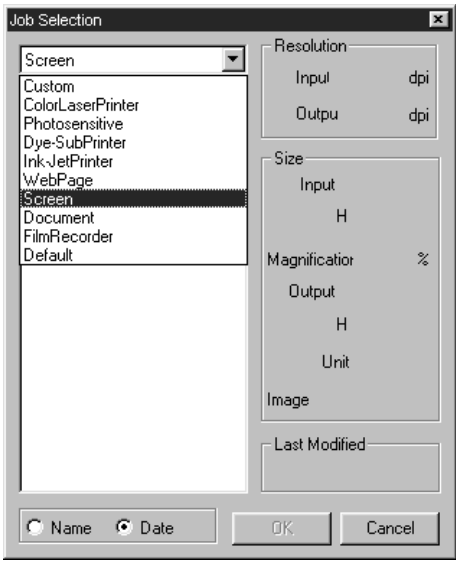
1. **Click on  in the Index window.**

   The Job Selection dialog box will appear.

2. **Select the appropriate category from the drop-down list.**



3. **Click on the job file name to select it, then click on** OK
   - The settings are applied to the active Preview window.



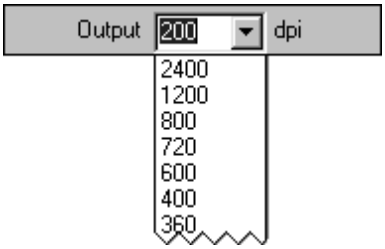
NOTE:

Job names can be listed chronologically or alphabetically. Select the format by clicking on the Name or Date option button.
- The cropping frame changes accordingly, but can be proportionally resized.

Continued on the following page.

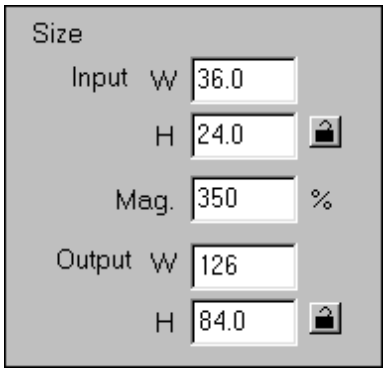
4. Enter the desired output resolution from the output resolution drop-down list.

- Values can also be entered into the output resolution list box directly.
- The output resolution cannot be changed when the unit list box is set to pixels.



5. The dimensions of the cropping frame are displayed in the input size text boxes.

- Values can be entered directly or by resizing the cropping frame.
- The values will change if a different unit of measure is selected.
- The scanning area size can't be changed if the Input Size is locked.



6. Enter the desired output size (maximum 3 digits).

- The output size is limited by the maximum resolution of the scanner.
- The values will change if a different unit of measure is selected.
- The output size cannot be changed when the unit list box is set to pixels.
- The scanning area size can be changed proportionally (within the resolution limits) when the Output Size is locked.

NOTE:

- Click on to lock the settings. The icon will change to . Click again to unlock.
- The magnification text box displays the output/input size ratio as a percentage.
- Magnification values can be entered directly.

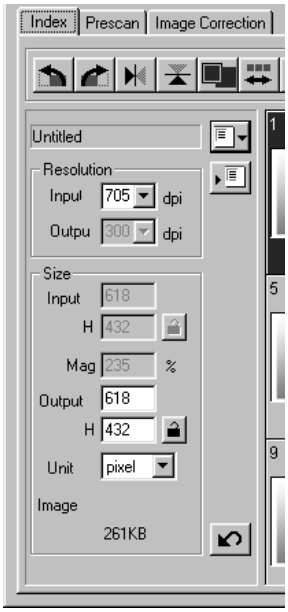
7. The input scan resolution text box is set to the lowest input (scan) resolution necessary to achieve the desired output size and resolution.

- Input scan resolutions can also be selected from the drop down list or entered directly.

Creating a Job

In addition to the Job settings included with the software, it is possible to create and save your own Job settings.

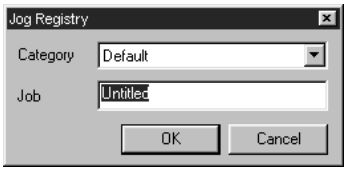
1. **Set the desired settings in the Main window (Index window or Preview window).**



2. **Click on**  **.**

The Job Registry dialog box will appear

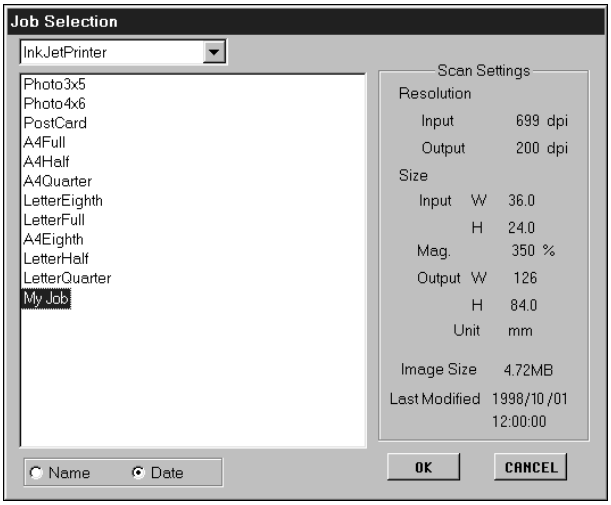
3. **Name the job by entering a title and select the desired category, then click on**  **.**



Deleting a Job

It is possible to delete the Job you created when it is no longer needed.

Click on the name of the job in the Main window scan settings part, then press the delete key on your keyboard.



Before making the final scan, the scanner needs to know how big the final image will be and the quality of output that will be used (printer, monitor, etc.) so it knows what resolution to scan the film. Using the Job function is a quick and easy way to enter the scan settings.

Scan Job Category	Description
Custom	User created scan settings (p. 71).
Color Laser Printer	Digital colour copiers and colour laser printers Uses output resolution of 400 or 600 dpi. There are two paper-size options; letter and A4.
Photosensitive	Printers that use photosensitive/photographic material Can use output resolutions of 400 dpi, 360 dpi, 267 dpi, and 180 dpi. There are ten paper size options.
Dye-Sub Printer	Dye-sublimation printers Uses an output resolution of 300 dpi. There are 4 paper size options.
Ink Jet Printer	Uses an output resolution of 200 dpi. There are 4 paper size options.
Web Page	For use on home pages Image size is listed in pixels and will vary. Standard Photo CD sizes are also available.
Screen	For monitor display Image size is listed in pixels and will be the VGA standard of 640 x 480 pixels or larger.
Document	For insertion into documents Uses an output resolution of 72 dpi. Image size depends on the paper size selected.
Film Recorder	For high input resolution images that will be output to a film recorder.
Default	This category uses the default settings for the film format. The scan settings appear in the Job Selection window.

For your reference, the following is a listing of the scan job categories and names for the 35mm and APS film formats.

Category	Job name	Resolution In	Resolution Out	Mag.	Unit	Input Size W	Input Size H	Input Lock	Output Size W	Output Size H	Output Lock
Default	Default	705	300	235	pixel	1008	672	OFF	1008	672	OFF
Color Laser Printer	Max Size_600dpi	2820	600	470	mm	36.3	24.2	OFF	170.00	113.00	ON
	A4Quarter_600dpi	2447	600	407	mm	36.3	24.2	OFF	148.00	98.70	ON
	A4Eighth_600dpi	1735	600	289	mm	36.3	24.2	OFF	105.00	70.00	ON
	Letter Quarter_600dpi	2291	600	381	inch	1.43	0.95	OFF	5.46	3.64	ON
	Letter Eighth_600dpi	1702	600	283	inch	1.43	0.95	OFF	4.05	2.70	ON
	Max Size_400dpi	2820	400	705	mm	36.3	24.2	OFF	256.00	170.00	ON
	A4Half_400dpi	2313	400	578	mm	36.3	24.2	OFF	210.00	140.00	ON
	A4Quarter_400dpi	1629	400	407	mm	36.3	24.2	OFF	147.00	98.00	ON
	A4Eighth_400dpi	1156	400	289	mm	36.3	24.2	OFF	105.00	69.90	ON
	Letter Half_400dpi	2291	400	572	inch	1.42	0.95	OFF	8.19	5.46	ON
	Letter Quarter_400dpi	1526	400	381	inch	1.43	0.95	OFF	5.45	3.63	ON
	Letter Eighth_400dpi	1133	400	283	inch	1.43	0.95	OFF	4.05	2.70	ON
Photosensitive	Max Size	2820	400	705	mm	36.3	24.2	OFF	256.00	170.00	ON
	A5_400dpi	2313	400	578	mm	36.3	24.2	OFF	210.00	140.00	ON
	8x10_400dpi	2798	400	699	inch	1.43	0.95	OFF	10.00	6.66	ON
	5x7_400dpi	1961	400	490	inch	1.43	0.95	OFF	7.01	4.67	ON
	PostCard4 6_400dpi	1678	400	419	inch	1.43	0.95	OFF	6.00	4.00	ON
	Letter_267dpi	2039	267	763	inch	1.43	0.95	OFF	10.90	7.27	ON
	A4_267dpi	2187	267	819	mm	36.3	24.2	OFF	297.00	198.00	ON
	A5_267dpi	1545	267	578	mm	36.3	24.2	OFF	210.00	140.00	ON
	8x10_267dpi	1870	267	700	inch	1.43	0.95	OFF	10.00	6.67	ON
	5x7_267dpi	1307	267	489	inch	1.43	0.95	OFF	7.00	4.66	ON
	PostCard4 6_267dpi	1120	267	419	inch	1.43	0.95	OFF	6.00	4.00	ON
	(unavailable)	1597	360	443	mm	36.3	24.2	OFF	161.00	107.00	ON
	2L_360dpi	1727	360	479	mm	36.3	24.2	OFF	174.00	116.00	ON
	14x17_180dpi	2123	180	1179	mm	36.3	24.2	OFF	428.00	285.00	ON
	11x14_180dpi	1747	180	970	mm	36.3	24.2	OFF	352.00	235.00	ON
	10x12_180dpi	1494	180	830	mm	36.3	24.2	OFF	301.00	200.00	ON
	(unavailable)	797	180	442	mm	36.3	24.2	OFF	160.00	106.00	ON
	2L_180dpi	857	180	476	mm	36.3	24.2	OFF	173.00	115.00	ON
Dye-Sub Printer	A4Full	2455	300	818	mm	36.3	24.2	OFF	297.00	198.00	ON
	A4Half	1735	300	578	mm	36.3	24.2	OFF	210.00	140.00	ON
	A4Quarter	1223	300	407	mm	36.3	24.2	OFF	148.00	98.70	ON
	A4Eighth	866	300	289	mm	36.3	24.2	OFF	104.00	69.90	ON
	Letter Full	2291	300	763	inch	1.43	0.95	OFF	10.90	7.28	ON
	Letter Half	1714	300	571	inch	1.43	0.95	OFF	8.17	5.44	ON
	Letter Quarter	1144	300	381	inch	1.43	0.95	OFF	5.45	3.63	ON
	Letter Eighth	850	300	283	inch	1.43	0.95	OFF	4.05	2.70	ON
	(unavailable)	1223	300	407	mm	36.3	24.2	OFF	148.00	98.70	ON
	Photo4x6	1240	300	413	mm	36.3	24.2	OFF	150.00	100.00	ON
	Photo3x5 /Photo9x13	1049	300	349	mm	36.3	24.2	OFF	127.00	84.60	ON
Ink-Jet Printer	A4Full	163	200	818	mm	36.3	24.2	OFF	297.00	198.00	ON
	A4Half	1156	200	578	mm	36.3	24.2	OFF	210.00	139.00	ON
	A4Quarter	814	200	407	mm	36.3	24.2	OFF	148.00	98.50	ON
	A4Eighth	577	200	288	mm	36.4	24.3	OFF	105.00	69.80	ON
	Letter Full	1526	200	763	inch	1.42	0.95	OFF	10.90	7.27	ON
	Letter Half	1144	200	572	inch	1.42	0.95	OFF	8.17	5.45	ON
	Letter Quarter	763	200	381	inch	1.43	0.95	OFF	5.45	3.63	ON
	Letter Eighth	566	200	283	inch	1.43	0.95	OFF	4.05	2.70	ON
	(unavailable)	814	200	407	mm	36.3	24.2	OFF	148.00	98.50	ON
	Photo4x6	826	200	413	mm	36.3	24.2	OFF	150.00	100.00	ON
	Photo3x5 /Photo9x13	699	200	349	mm	36.3	24.0	OFF	127.00	84.50	ON

Continued on the following page.

Category	Job Name	Resolution In	Resolution Out	Mag.	Unit	Input Size W	Input Size H	Input Lock	Output Size W	Output Size H	Output Lock
Web Page	1023 x 682	716	300	238	pixel	1023	682	OFF	1023	682	ON
	960 x 640	671	300	223	pixel	960	640	OFF	960	640	ON
	870 x 580	608	300	202	pixel	870	580	OFF	870	580	ON
	768 x 512	537	300	179	pixel	768	512	OFF	768	512	ON
	624 x 416	436	300	145	pixel	624	416	OFF	624	416	ON
	600 x 400	419	300	139	pixel	600	400	OFF	600	400	ON
	480 x 320	335	300	111	pixel	480	320	OFF	480	320	ON
	Photo CD 2048 x 3072	2148	300	716	pixel	3072	2048	OFF	3072	2048	ON
	Photo CD 1024 x 1536	1074	300	358	pixel	1536	1024	OFF	1536	1024	ON
	Photo CD512 x 768	537	300	179	pixel	768	512	OFF	768	512	ON
	Photo CD256 x 348	243	300	81	pixel	348	232	OFF	348	232	ON
Screen	1280 x 1024	895	300	298	pixel	1280	853	OFF	1280	853	ON
	1280 x 960	895	300	298	pixel	1280	853	OFF	1280	853	ON
	1152 x 870	805	300	268	pixel	1152	768	OFF	1152	768	ON
	1024 x 768	716	300	238	pixel	1024	682	OFF	1024	682	ON
	832 x 624	582	300	194	pixel	832	554	OFF	832	554	ON
	800 x 600	559	300	186	pixel	800	533	OFF	800	533	ON
	640 x 480	47	300	149	pixel	640	426	OFF	640	426	ON
Document	A4 Half	416	72	577	mm	36.3	24.2	OFF	210.00	139.00	ON
	A4 Quarter	293	72	406	mm	36.4	24.1	OFF	148.00	98.40	ON
	A4 Eighth	207	72	287	mm	36.4	24.3	OFF	105.00	70.00	ON
	Letter Half	411	72	570	inch	1.43	0.95	OFF	8.16	5.44	ON
	Letter Quarter	274	72	379	inch	1.43	0.95	OFF	5.44	3.62	ON
	Letter Eighth	203	72	281	inch	1.44	0.96	OFF	4.04	2.69	ON
Film Recorder	35mm Full-Frame	2382	2400	99	mm	36.30	24.20	OFF	36.00	24.00	ON
	35mm Half-Frame	1586	2400	66	mm	36.30	24.20	OFF	24.00	16.00	ON
	35mm Quarter-Frame	1189	2400	49	mm	36.7	24.40	OFF	18.00	11.90	ON

Category	Job name	Resolution In	Resolution Out	Mag.	Unit	Input Size W	Input Size H	Input Lock	Output Size W	Output Size H	Output Lock
Default	Default	705	300	235	pixel	832	480	OFF	832	480	OFF
Color Laser Printer	Max Size_600dpi	2820	600	470	mm	29.9	17.2	OFF	140.00	81.20	ON
	A4 Eighth_600dpi	2104	600	350	mm	30.0	17.3	OFF	105.00	60.60	ON
	Letter Eighth_600dpi	2161	600	360	inch	1.18	0.68	OFF	4.25	2.45	ON
	Max Size_400dpi	2820	400	705	mm	29.9	17.2	OFF	211.00	121.00	ON
	A4 Half_400dpi	2809	400	702	mm	29.9	17.2	OFF	210.00	121.00	ON
	A4 Quarter_400dpi	1977	400	494	mm	30.0	17.3	OFF	148.00	85.40	ON
	A4 Eighth_400dpi	1401	400	350	mm	30.0	17.3	OFF	105.00	60.60	ON
	Letter Quarter_400dpi	1851	400	462	inch	1.18	0.68	OFF	5.46	3.15	ON
	Letter Eighth_400dpi	1440	400	360	inch	1.18	0.68	OFF	4.25	2.45	ON
Photosensitive	Max Size	2820	400	705	mm	29.9	17.2	OFF	211.00	121.00	ON
	A5_400dpi	2809	400	702	mm	29.9	17.2	OFF	210.00	121.00	ON
	5x7_400dpi	2374	400	593	inch	1.18	0.68	OFF	7.00	4.04	ON
	Post Card 4 x 6_400dpi	2039	400	509	inch	1.18	0.68	OFF	6.01	3.47	ON
	Letter_267dpi	2472	267	925	inch	1.18	0.68	OFF	10.90	6.30	ON
	A4_267dpi	2654	267	994	mm	29.9	17.2	OFF	297.00	171.00	ON
	A5_267dpi	1870	267	700	mm	30.0	17.2	OFF	210.00	121.00	ON
	8x10_267dpi	2263	267	847	inch	1.18	0.68	OFF	10.00	5.76	ON
	5x7_267dpi	1586	267	594	inch	1.17	0.68	OFF	7.00	4.04	ON
	PostCard4 x 6_267dpi	1359	267	508	inch	1.18	0.68	OFF	6.00	3.46	ON
	(unavailable)	1935	360	537	mm	30.0	17.3	OFF	161.00	92.90	ON
	2L_360dpi	2092	360	581	mm	29.9	17.2	OFF	174.00	100.00	ON
	14x17_180dpi	2578	180	1432	mm	29.9	17.2	OFF	429.00	247.00	ON
	11x14_180dpi	2117	180	1176	mm	29.	17.2	OFF	352.00	203.00	ON
	10x12_180dpi	1809	180	1005	mm	29.9	17.2	OFF	301.00	173.00	ON
	(unavailable)	966	180	536	mm	30.0	17.2	OFF	160.00	92.70	ON
	2L_180dpi	1046	180	581	mm	29.9	17.2	OFF	174.00	100.00	ON
Dye-Sub Printer	Max Size	2820	300	940	mm	29.9	17.2	OFF	281.00	162.00	ON
	A4 Half	2104	300	701	mm	29.9	17.3	OFF	210.00	121.00	ON
	A4 Quarter	1482	300	494	mm	29.9	17.2	OFF	148.00	85.40	ON
	A4 Eighth	1050	300	350	mm	30.0	17.3	OFF	105.00	60.50	ON
	Letter Full	2776	300	925	inch	1.18	0.68	OFF	10.90	6.30	ON
	Letter Half	2161	300	720	inch	1.18	0.68	OFF	8.50	4.90	ON
	Letter Quarter	1385	300	461	inch	1.18	0.68	OFF	5.45	3.14	ON
	Letter Eighth	1080	300	360	inch	1.18	0.68	OFF	4.25	2.45	ON
	(unavailable)	1500	300	500	mm	30.0	17.2	OFF	150.00	86.40	ON
	Photo 9x13	1270	300	423	mm	30.0	17.2	OFF	127.00	73.00	ON
Ink-Jet Printer	A4 Full	1977	200	988	mm	30.0	17.3	OFF	297.00	171.00	ON
	A4 Half	1401	200	700	mm	30.0	17.3	OFF	210.00	121.00	ON
	A4 Quarter	987	200	493	mm	30.0	17.3	OFF	148.00	85.30	ON
	A4 Eighth	700	200	350	mm	30.0	17.3	OFF	105.00	60.40	ON
	Letter Full	1846	200	923	inch	1.18	0.68	OFF	10.90	6.28	ON
	Letter Half	1440	200	720	inch	1.18	0.68	OFF	8.50	4.90	ON
	Letter Quarter	924	200	462	inch	1.17	0.68	OFF	5.45	3.14	ON
	Letter Eighth	720	200	360	inch	1.18	0.68	OFF	4.25	2.45	ON
	Photo 4 x 6	1001	200	500	mm	30.0	17.3	OFF	150.00	86.40	ON
	Photo 3.5 x 5/Photo 9 x 13	846	200	423	mm	30.0	17.2	OFF	127.00	73.00	ON
Web Page	1280 x 739	1085	300	361	pixel	1280	739	OFF	1280	739	ON
	1152 x 665	976	300	665	pixel	1152	665	OFF	1152	665	ON
	1024 x 590	867	300	239	pixel	1024	590	OFF	1024	590	ON
	832 x 480	705	300	235	pixel	832	480	OFF	832	480	ON
	800 x 461	678	300	226	pixel	800	461	OFF	800	461	ON
	640 x 369	542	300	180	pixel	640	369	OFF	640	369	ON
	Photo CD1024 x 1536	1303	300	434	pixel	1536	887	OFF	1536	887	ON
	Photo CD512 x 768	650	300	216	pixel	768	443	OFF	768	443	ON
	Photo CD256 x 348	294	300	98	pixel	348	200	OFF	348	200	ON
Screen	1280 x 1024	1085	300	361	pixel	1280	739	OFF	1280	739	ON
	1280 x 960	1085	300	361	pixel	1280	739	OFF	1280	739	ON
	1152 x 870	976	300	325	pixel	1152	665	OFF	1152	665	ON
	1024 x 768	867	300	289	pixel	1024	590	OFF	1024	590	ON
	832 x 624	705	300	235	pixel	832	480	OFF	832	480	ON
	800 x 600	678	300	226	pixel	800	461	OFF	800	461	ON
	640 x 480	542	300	369	pixel	640	369	OFF	640	369	ON
Document	A4 Half	504	72	700	mm	30.0	17.3	OFF	210.00	121.00	ON
	A4 Quarter	355	72	493	mm	30.0	17.3	OFF	148.00	85.00	ON
	A4 Eighth	251	72	348	mm	30.0	17.3	OFF	105.00	60.30	ON
	Letter Half	518	72	719	inch	1.18	0.68	OFF	8.50	4.90	ON

BRIGHTNESS	The lightness or darkness of the image.
CHANNEL	The component of an image. Your scanned image has three channels: red, green, and blue (RGB).
CONTRAST	The gradation of shades in an image. A high contrast image has very dark areas and bright areas without many middle shades. A low contrast image has many tones that are close to the same brightness. Low contrast images are often described as looking ‘flat’.
CROP	To trim and delete the unwanted edges of the image.
DPI	Dots (pixels) per inch.
EMULSION SIDE	The side of the film coated with the photographic material.
GAMMA	The contrast of only the middle tones.
HIGHLIGHTS	The lighter areas of the image.
HISTOGRAM	A graph showing the amount of each level of the 256 brightness levels.
INTERPOLATION	A form of adding new pixels in an image when resampling up.
JPEG	The JPEG (Joint Photographic Experts Group) compression standard is capable of producing a high compression ratio while maintaining image quality. JPEG is a widely supported image file format.
MIDTONE	The middle shades of an image, in between light and dark.
NEUTRAL	Having no colour cast, such as black, white, or gray.
PICT	(Macintosh operating system only) The PICT graphic file format uses a lossless compression scheme and is compatible with many Macintosh applications.
PIXEL	Abbreviation for picture element. The dots that make up an electronic image.

RESAMPLE	To change the number of pixels in the image. If pixels are discarded when shrinking an image, it is called resampling down. If new pixels are created in an image, it is called resampling up.
RESOLUTION	The number of pixels in a given area of the image; such as pixels per inch or pixels per centimeter. High resolution is the term for an image with a lot of pixels in a given area. Low resolution means there are not many pixels in a given area.
RGB	Red, Green, and Blue. These are the colours of the three channels that make up the scanned image. Monitors use red, green, and blue phosphors to create the image you see on the screen.
SHADOWS	The dark areas of an image.
TIFF	Tagged Image File Format (TIFF) files contain bit-mapped data. In addition to being a widely supported format, TIFF is able to handle the colour palette needed for professional-quality images and graphics.
WINDOWS® BMP	(Windows only)The BMP graphic file format is for bit-mapped images. BMP images are supported by the Paint accessory and can easily be opened on most PCs running Windows.

SYMPTOM or MESSAGE	SOLUTION
The computer will not start up after connecting the scanner.	• Shut down the computer and all the devices in your SCSI chain, then check the SCSI cables, SCSI ID connection, power cord, and SCSI ID.
DS_Elite does not appear in the Import drop down list.	• Make sure the plug-in module has been placed in the correct folder. See page 12.
“Could not establish connection with scanner.”	• Indicator lamp is off - Turn the Dimâge Scan Elite on, then restart your system. • Check that the SCSI ID is not being used by another SCSI device.
“Setting up now. Remove the film holder.”	• Remove the film holder and click on OK.
Indicator lamp blinking rapidly (8Hz).	• Scanner door opened during setup. Close scanner door.
“Set film properly…”	• Load film into the film holder.
“Set 35mm film holder properly.”	• Set the correct film type.
“Set APS film holder properly.”	• Set the correct film type.
“Could not recognize the film type.”	• Set the film type manually.
“Insufficient Memory”	• Increase the memory requirements for the host application. • If you have scanned multiple images, close and relaunch the host application.
“Setting up now. Remove the film holder.” appears when the film holder is not loaded.	• Contact a Minolta Service Facility to change the fluorescent lamp.