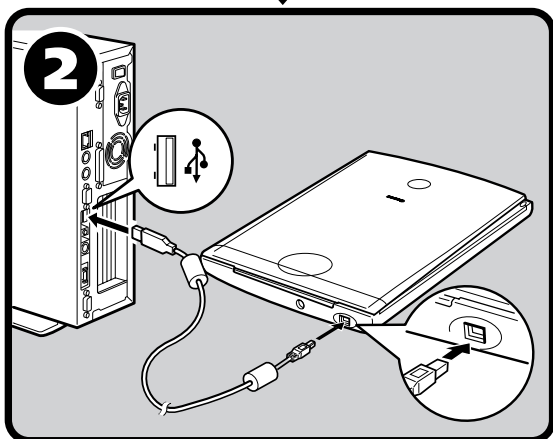
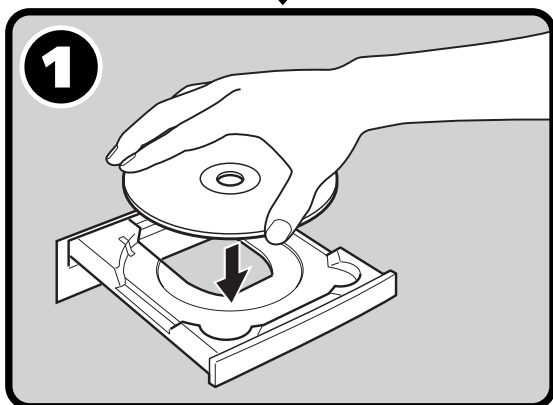


## Quick Start Guide

Be sure to install the software programs before connecting the scanner to the computer!



### Setup and Scanning

Check the Package Contents ..... p.3

1 Install the Software

Windows ..... p.4

Macintosh ..... p.5

Unlock the Scanning Unit ..... p.6

2 Connect the Scanner ..... p.7

Try Scanning ..... p.8

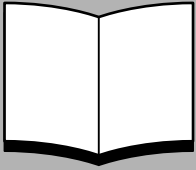
### Try the Additional Features

● Using the Scanner Buttons ..... p.11

● Scanning Film ..... p.12

# Guide to the Manuals

## Open the Package



### Quick Start Guide (this guide)

This guide describes a series of processes, from opening the package to using the scanner.

**READ THIS GUIDE FIRST!**



**HTML**

### Scanning Guide (HTML format manual)

Refer to this guide when you have finished setting up the scanner according to the procedures in the *Quick Start Guide*. It describes how to utilize the scanner with the bundled software, and how to solve problems when they occur. You can install this manual onto the hard disk together with the software programs. When you install it, the *Scanning Guide* icon will appear on the desktop. Double-click the icon to view it with a browser program, such as Internet Explorer.



**PDF**

### User's Guides for Application Programs (PDF format manuals)

- ArcSoft PhotoStudio
- ArcSoft PhotoBase
- OmniPage SE
- Presto! PageManager (Windows only)

Select the "View the Electronic Manuals" menu on the CanoScan Setup Utility CD-ROM. To read these manuals, Adobe Acrobat Reader should be installed on your computer.

Use of a shielded cable with the ferrite core(s) provided with the scanner is necessary to comply with the technical requirements of the EMC Directive.

## Warning

When you use this product, you should pay attention to the following legal issues:

- Scanning of certain documents, such as bank notes (bank bills), government bonds and public certificates, may be prohibited by law and may result in criminal and/or civil liability.
- You may be required under law to obtain authorization from a person possessing copyrights or other legal rights to the item being scanned.

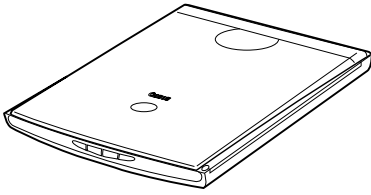
If you are uncertain of the legality of scanning any particular item, you should consult your legal adviser in advance.

- CanoScan and ScanGear are trademarks of Canon Inc.
- Adobe®, Acrobat® and Photoshop® are trademarks of Adobe Systems Incorporated.
- Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- Macintosh, Power Macintosh and Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- ScanSoft and OmniPage are trademarks of ScanSoft, Inc.
- Other names and products not mentioned above may be trademarks or registered trademarks of their respective companies.

In this guide, Windows XP screen shots are used to illustrate explanations common to all operating systems.

# Check the Package Contents

## Scanner and Accessories



CanoScan LiDE 80



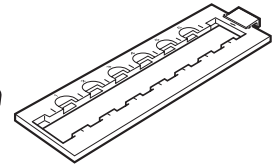
USB Interface Cable



Stand



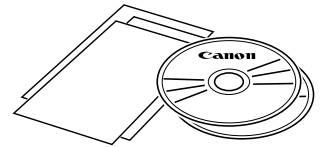
Film Adapter Unit



Film Guide

## Documents and Software Programs

- Quick Start Guide (this guide)
- Additional Documents
- CanoScan Setup Utility CD-ROM



- The two figures in the brackets below indicate the respective sizes of the Windows/ Macintosh versions of the software.
- Approximately 514 MB (for Windows) / 303 MB (for Macintosh) of hard disk space on your computer is required to install all the programs. Additional free hard disk space is required to operate the programs.

### ScanGear CS (25 MB / 5 MB) - Scanner Driver

It allows you to scan and load images from the scanner.

### CanoScan Toolbox (5 MB / 3 MB) - Scanning Utility Program

It enables you to scan images and copy (print), attach images to e-mail messages or save images with simple steps. It also works with the scanner buttons.

### ArcSoft PhotoStudio (30 MB / 19 MB) - Image Editing Program

It allows you to load images from the scanner, edit and retouch them, and apply special effects and enhancements.

### ArcSoft PhotoBase (75 MB / 5 MB) - Photo Album Program

It allows you to create and edit image albums, perform image searches and create slide shows.

### ScanSoft OmniPage (65 MB / 80 MB) - OCR (Optical Character Recognition) Program

It converts characters scanned from a book, magazine or newspaper into text data for editing or digital transmission.

### Presto! PageManager (Windows only) (150 MB) - Digital Document Management Program

It makes it easy to scan, share and organize documents and photos. It automatically links to other popular programs and avoids file-sharing problems by creating self-executable files.

### Adobe Acrobat Reader (24 MB / 24 MB) - PDF File Reader Program

Electronic manuals for the above software programs (HTML (5 MB) and PDF manuals)

- Adobe Photoshop Elements CD-ROM

### Adobe Photoshop Elements (135 MB / 162 MB) - Image Editing Program

It loads images from the scanner and allows you to edit and retouch them or apply special effects and enhancements. Please read the instruction sheet or electronic (PDF) manual for Adobe Photoshop Elements.

# Install the Software (Windows)



- With Windows XP/2000, you should log on with an administrator user name when you install or uninstall software programs.

**1** Turn the computer on.

If the "Found New Hardware Wizard" or "Add New Hardware Wizard" appears, click [Cancel].

**2** Place the CanoScan Setup Utility CD-ROM in the drive. The CanoScan Setup Utility main menu will display. After you select your language, the CanoScan Setup Utility main menu will display.

**3** Click [Install the Software]. Read the SOFTWARE USER LICENSE AGREEMENT. Click [Yes] if you accept the terms.

The [Install] window will display.

**4** Click [Start Installation]. You will install seven software programs and the Scanning Guide (HTML format manual).

**5** The installation procedure will start. Follow the on-screen message prompts and click [Yes] or [Next] to continue the installation.

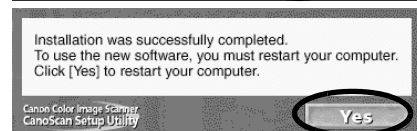
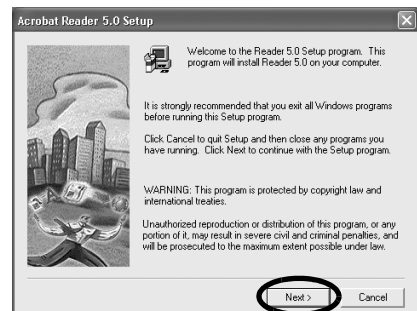
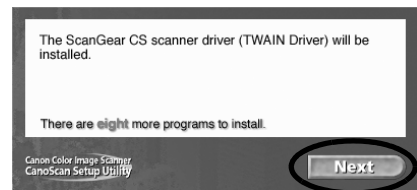
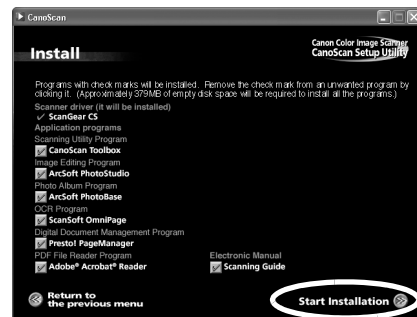


- In few cases, your operating system may require a restart. Follow the on-screen messages to restart and resume installation.

**6** When the installation is complete, click [Yes]. The computer will restart.

**7** After Windows restarts, remove the CD-ROM from the drive and store it in a safe place.

➔ Continue on p. 6.



# Install the Software (Macintosh)

- 1 Turn the computer on.

If the "...Would you like to look for the software on the Internet?" appears, click [Cancel].

- 2 Place the CanoScan Setup Utility CD-ROM in the drive. The CanoScan Setup Utility main menu will display. After you select your language, the CanoScan Setup Utility main menu will display.

If no window displays, double-click the CD-ROM icon, then the Setup icon.

- 3 Click [Install the Software]. Read the SOFTWARE USER LICENSE AGREEMENT. Click [Yes] if you accept the terms.

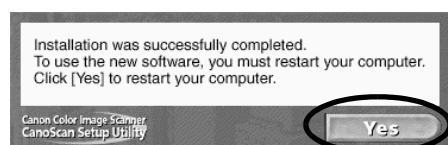
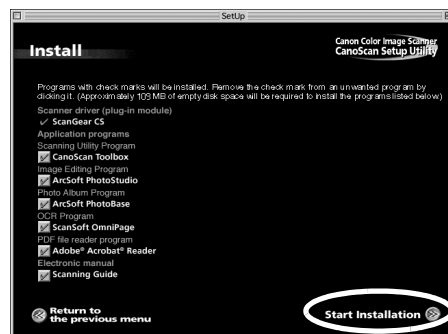
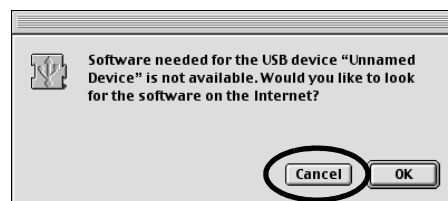
The [Install] window will display.

- 4 Click [Start Installation]. You will install six software programs and the Scanning Guide (HTML format manual).

- 5 The installation procedure will start. Follow the on-screen message prompts and click [Yes], [Next] or [Install] to continue the installation.

- 6 When the installation is complete, click [Yes]. The computer will restart.

- 7 After restarting, remove the CD-ROM from the drive and store it in a safe place.



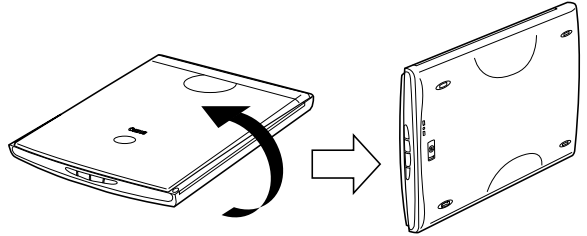
# Unlock the Scanning Unit



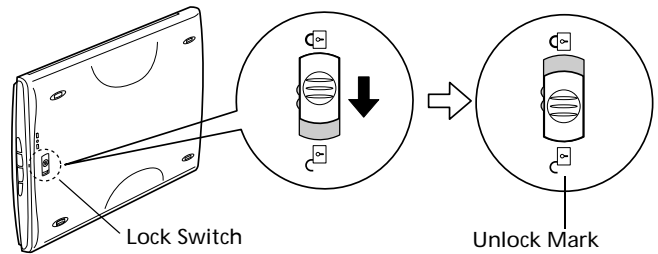
- Unlock the scanning unit before connecting the scanner to the computer. If it is left locked, a malfunction or other problem may occur.

**1** Peel the caution seal from the scanner.

**2** Gently turn the scanner over.



**3** Push the lock switch toward the unlock mark (🔓).



**4** Return the scanner to a horizontal position.



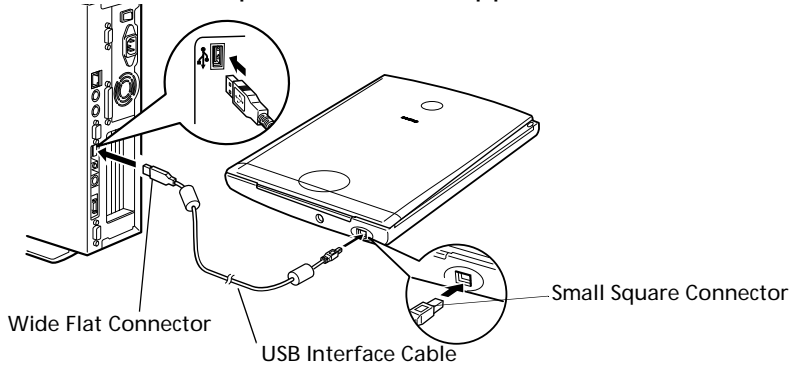
- When carrying or transporting the scanner in a vehicle, always lock the scanning unit by pushing the lock switch toward the lock mark (🔒). Otherwise the scanning unit may be damaged.

# Connect the Scanner



- Make sure that the scanning unit is unlocked. (P.6)

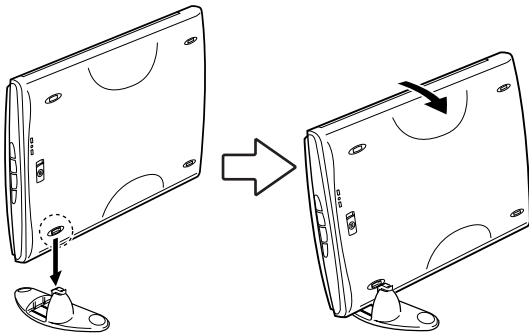
- 1 Peel the caution seals from the scanner.
- 2 Connect the scanner to the computer with the supplied USB interface cable.



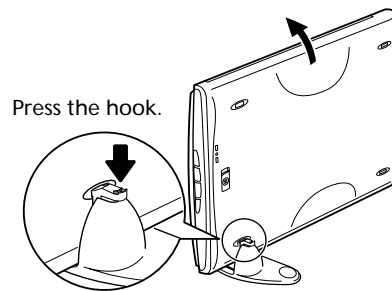
- Only use the USB interface cable provided with the scanner. Use of other cables may lead to a malfunction.
- The scanner does not have a power switch. The power is activated as soon as the computer is turned on.

## Using the Scanner in the Upright Position

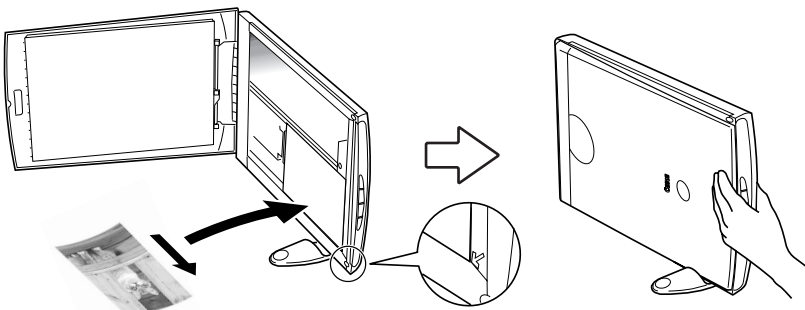
### Installing the Stand



### Removing the Stand



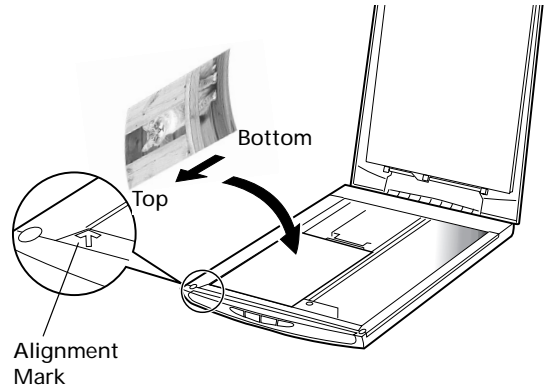
### Positioning an item



# Try Scanning

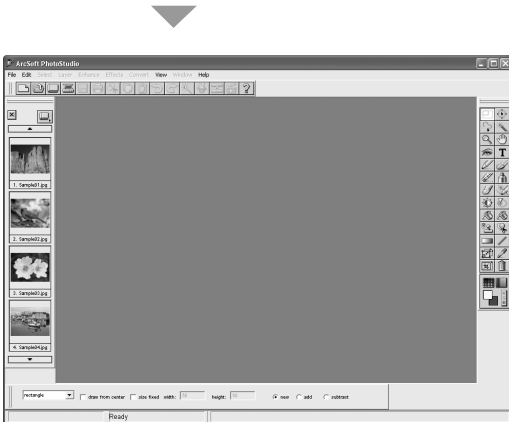
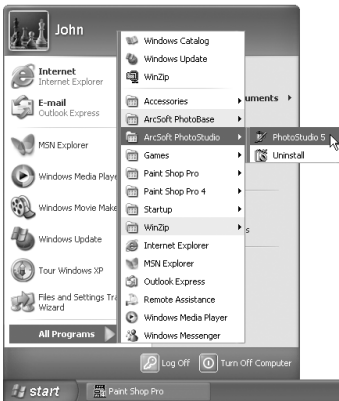
The following steps explain how to scan with ArcSoft PhotoStudio.

- 1 Place a photo or a picture on the document glass of the scanner by aligning its top edge with the alignment mark, and close the document cover.



## Windows

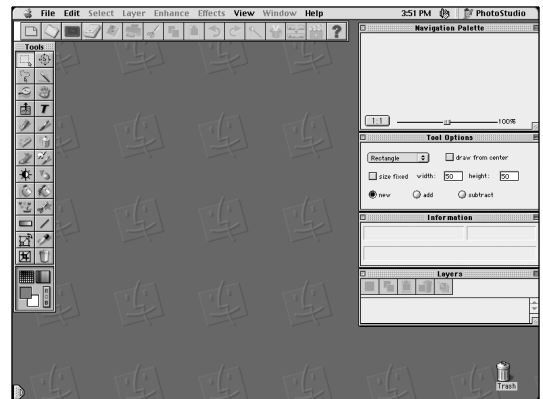
- 2 Select [Start], [Programs] or [All Programs], [ArcSoft PhotoStudio] and [PhotoStudio 5].



PhotoStudio will start.

## Macintosh


- 2 Double-click the [Applications (Mac OS 9)] and [PhotoStudio] folder and the [PhotoStudio] icon.



PhotoStudio will start.



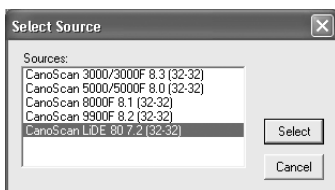
## Windows

**3** Click the Acquire icon  or click the [File] menu and select [Acquire].



ScanGear CS will start.

If an error message appears, click the [File] menu, choose [Select Source], select your scanner model name and click the [Select] button.



**4** In the [Select source] category, select [Platen].

**5** Select [Type of original].

You can select "Photo", "Magazine", "Newspaper" or "Document".

- Photo: Color, 300 dpi
- Magazine: Color, 150 dpi
- Newspaper: Black and White, 300 dpi
- Document: Grayscale, 300 dpi


**6** Click [Preview].

After calibration, the preview scan will start and gradually display the image.

The image is automatically cropped at its original size.

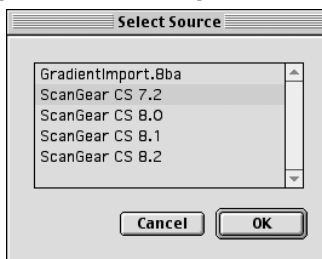
If you want to trim the image further, drag the mouse diagonally to select the area.

## Macintosh

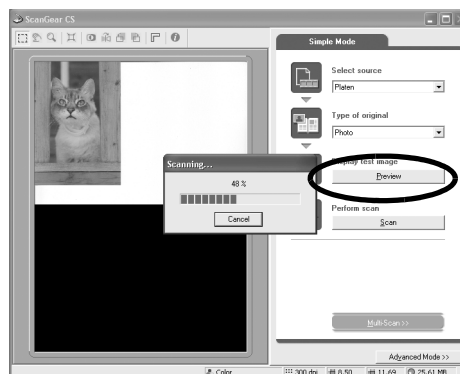
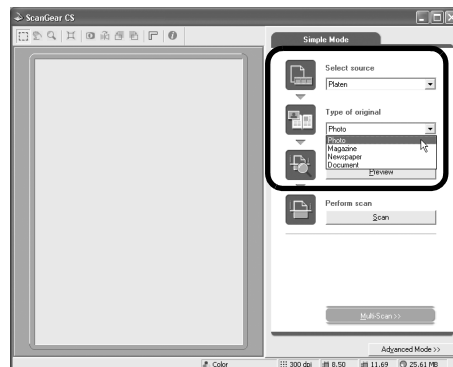
**3** Click the Acquire icon  or click the [File] menu and select [Import...].



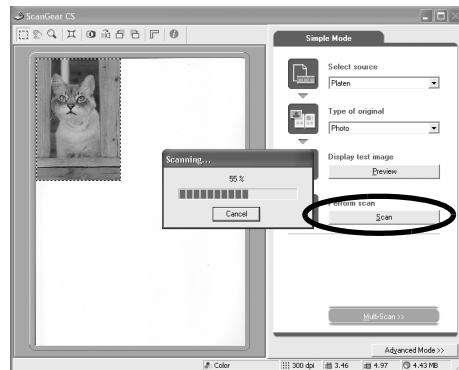
When the [Select Source] dialog displays, select [ScanGear CS 7.2] and click the [OK] button.





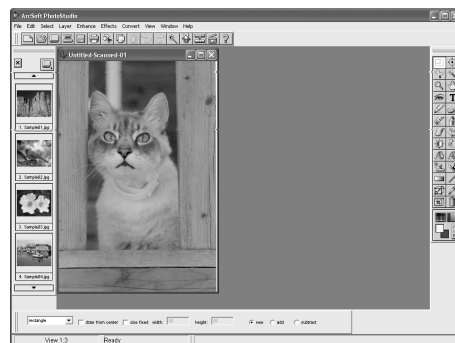
ScanGear CS will start.





- 7** Click [Scan].  
The final scan will start.

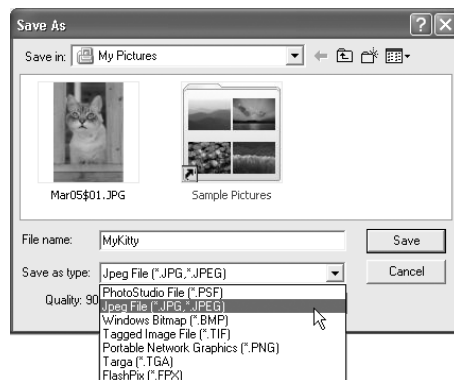


- 8** Click  or  (close box) in the ScanGear CS window to close it.  
The scanned image will appear in the PhotoStudio window.



- 9** Save the scanned image.  
Click the [File] menu and select [Save As]. Select the folder where you wish to store the image file, enter a file name, select a file type (JPG format is recommended) and click [Save].

- 10** Click  or  (close box) in the PhotoStudio window to close it.



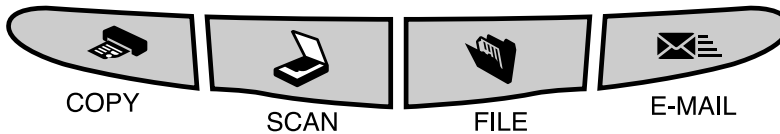
- If the scanner does not perform as described above, read the "Troubleshooting" section of the *Scanning Guide* (HTML format manual).
- For details about the bundled software programs, read the *Scanning Guide* or the *User's Guide* (PDF format manual) for each software program on the CanoScan Setup Utility CD-ROM.

# Using the Scanner Buttons

You can use the four convenient buttons on the scanner's front panel to scan and perform related tasks easily with a single touch of the button. Place an item on the document glass of the scanner before pressing a button.



- To use these buttons, ScanGear CS, CanoScan Toolbox, ArcSoft PhotoBase and Presto! PageManager (for Windows)/Acrobat Reader (for Macintosh) should be installed from the CanoScan Setup Utility CD-ROM.



## COPY Button

To print (copy) the scanned image with a printer:

- 1 Press the [COPY] button.
- 2 The scanner will scan the item.
- 3 The scanned image will print.

- The printer driver should be installed and the printer should be on-line to use this function.



## SCAN Button

To open the scanned image in the PhotoBase window:

- 1 Press the [SCAN] button.
- 2 The scanner will scan the item.
- 3 The scanned image will appear in the PhotoBase window.



## FILE Button

To save the scanned image as a PDF file:

- 1 Press the [FILE] button.
- 2 The scanner will scan the item.
- 3 The scanned image will be saved as a PDF document and appear in Presto! PageManager (for Windows) or Adobe Acrobat Reader (for Macintosh).



## E-MAIL Button

To e-mail the scanned image as an attached file:

- 1 Press the [E-MAIL] button.
- 2 The scanner will scan the item.
- 3 The [E-mail software selection] dialog will appear. Select an option from the list and click [OK].  
This step is required only for the first scan.
- 4 The e-mail software will start and the scanned image will be attached in a new message window.
- 5 Enter the receiver's address and title, write a message, confirm the required settings, and send the message.

- The e-mail software, such as Outlook Express, Microsoft Outlook, Eudora or Netscape Messenger, should be installed and enabled. With certain e-mail programs, you should enable the MAPI function (for Windows).



- If you press the [Cancel] button while scanning, you can change the default settings for scanning. For changing settings or arranging the scanner button assignments, refer to the "CanoScan Toolbox" section of the *Scanning Guide* (HTML format manual).

# Scanning Film

This scanner can scan 35 mm film strips one frame at a time.

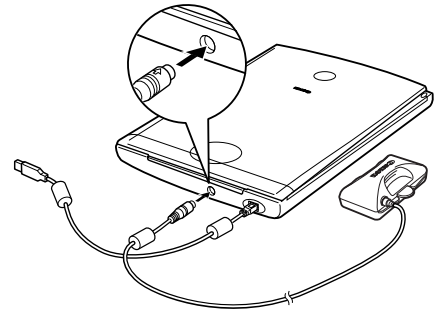
## Preparing to Scan Film

Use the following procedures to place the Film Adapter Unit and the Film Guide on the document glass to scan film.

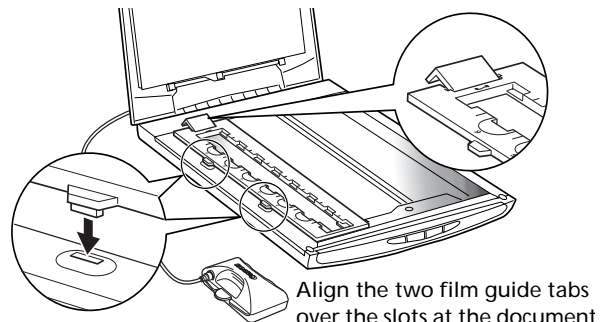


- Clean the document glass before placing the Film Guide on it, otherwise dirt and dust can affect image quality or damage the film.
- You cannot scan film with the scanner in the upright position.

**1** Attach the cable for the Film Adapter Unit to the FAU connector on the scanner's back panel.



**2** Open the document cover and place the Film Guide on the document glass of the scanner.



Align the two film guide tabs over the slots at the document glass edge and secure it with the clip at the back.

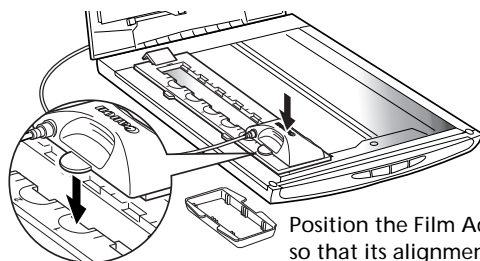
## Calibration

Calibration is required the first time the scanner is used to scan film. This procedure adjusts the scanner output so that items are reproduced with the correct coloration. It is explained below using the example of ArcSoft PhotoStudio and ScanGear CS in Simple Mode.

**1** Remove the CAP from the Film Adapter Unit and gently set the Film Adapter Unit over the first frame in the Film Guide (frame closest to the front).



- If there is film in the Film Guide, remove it before setting the Film Adapter Unit on it.
- Be careful not to lose the CAP or to allow dirt into it.

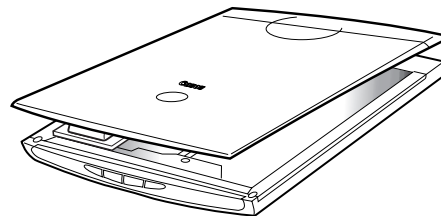


Position the Film Adapter Unit so that its alignment tab is aligned with the Film Guide.

## 2 Gently close the document cover.



- Do not press down on, or rest your hands on, the document cover.
- Be careful not to force the document cover down.



## 3 Start ArcSoft PhotoStudio.

### Windows

Select [Start], [Programs] or [All Programs], [ArcSoft PhotoStudio] and [PhotoStudio 5].

### Macintosh


Double-click the [Applications (Mac OS 9)] and [PhotoStudio] folders and the [PhotoStudio] icon.




- If ScanGear CS is already running, click the close box ( Windows,  Macintosh) and close it.

## 4 Start ScanGear CS.

### Windows

Click the Acquire icon  or click the [File] menu and select [Acquire].  
If an error message appears, click the [File] menu, choose [Select Source], select your scanner model name and click the [Select] button.

### Macintosh

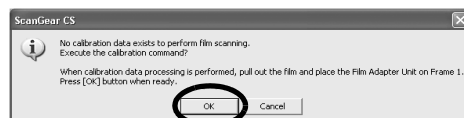
Click the Acquire icon  or click the [File] menu and select [Import...].  
When the [Select Source] dialog displays, select [ScanGear CS 7.2] and click the [OK] button.

ScanGear CS will start.

## 5 In the [Select source] category, select [Color Negative Film] or [Color Positive Film].



The “No calibration data exists to perform film scanning.” message will display.

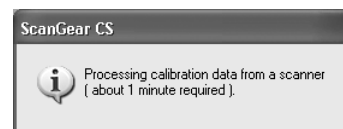


## 6 Click the [OK] button.

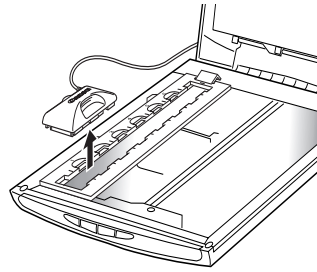
The calibration process will start and take approximately 1 minute. The calibration process is finished when the message disappears.



- Do not open the document cover during the calibration process.



- 7** Open the document cover and remove the Film Adapter Unit.  
To continue scanning your film, follow the Scanning Film steps.



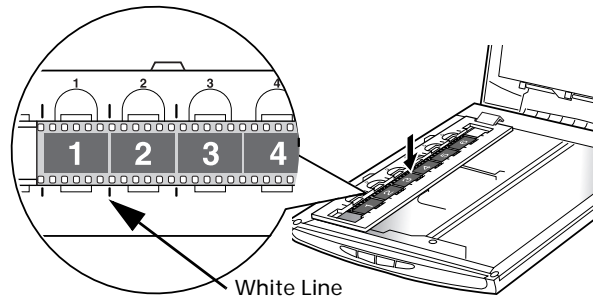
Put the CAP back on the Film Adapter Unit.

## Scanning Film

The following steps explain how to scan films with ArcSoft PhotoStudio and ScanGear CS.

- 1** Place the film in the Film Guide.

Place the film face up in the Film Guide (images and words should read correctly from above) with the spaces between frames aligned with the white lines on the guide.

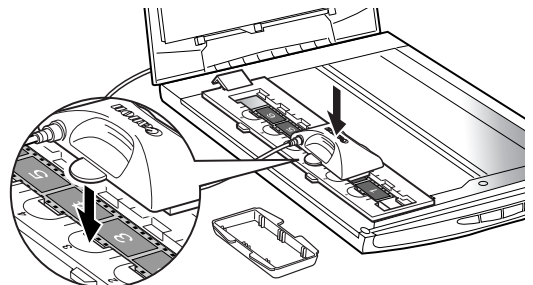


- Clean the document glass before placing the Film Guide on it, otherwise dirt and dust can affect image quality or damage the film.
- Use a blower brush to remove any dust from the film, which will affect the image quality, and take care to hold the film by its edges to avoid transferring dirt or fingerprints to it.

- 2** Remove the CAP from the Film Adapter Unit and gently set the unit over the frame you wish to scan.



- Do not move the Film Adapter Unit once it has been placed on the Film Guide. Sliding it may scratch the film.



Position the Film Adapter Unit so that its alignment tab is aligned with the Film Guide.

- 3** Gently close the document cover.



- The document cover does not touch the document glass completely. Be careful not to force the document cover down.
- Do not press down on, or rest your hands on, the document cover.

- 4** Start ArcSoft PhotoStudio.

### Windows


Select [Start], [Programs] or [All Programs], [ArcSoft PhotoStudio] and [PhotoStudio 5].

### Macintosh


Double-click the [Applications (Mac OS 9)] and [PhotoStudio] folders and the [PhotoStudio] icon.

## 5 Start ScanGear CS.

### Windows

Click the Acquire icon  or click the [File] menu and select [Acquire].  
If an error message appears, click the [File] menu, choose [Select Source], select your scanner model name and click the [Select] button.

### Macintosh

Click the Acquire icon  or click the [File] menu and select [Import...].  
When the [Select Source] dialog displays, select [ScanGear CS 7.2] and click the [OK] button.

ScanGear CS will start.

## 6 In the [Select source] category, select [Color Negative Film] or [Color Positive Film].



- Use the Advanced Mode to scan monochrome film (See the *Scanning Guide*).

## 7 Confirm that the [Select Frame] category is set to [Auto select]. You can also select a frame number. ScanGear CS's Simple Mode is preset so that film is scanned and printed at 300 dpi at approximately the photo size (8.9 x 12.7 cm).

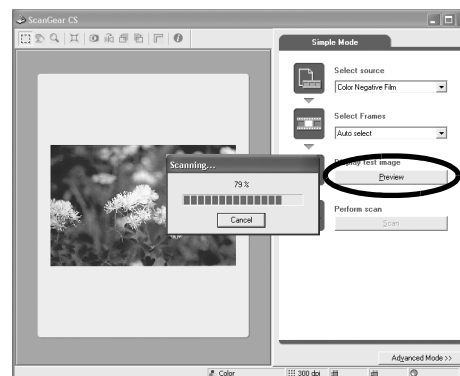


## 8 Click [Preview].

ScanGear CS will display the preview image.



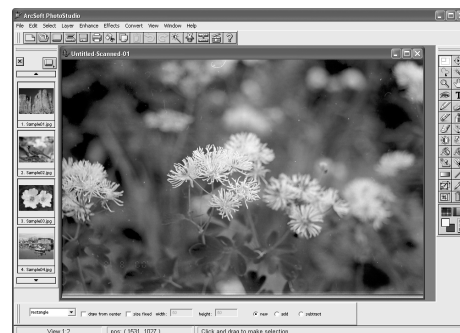
- If the image does not display, select a frame number in Step 7, before clicking the [Preview] button.
- Do not open the document cover while a scan is in progress.
- Read the "Calibration Message" section (p. 16) if a calibration message appears.



## 9 Click [Scan].

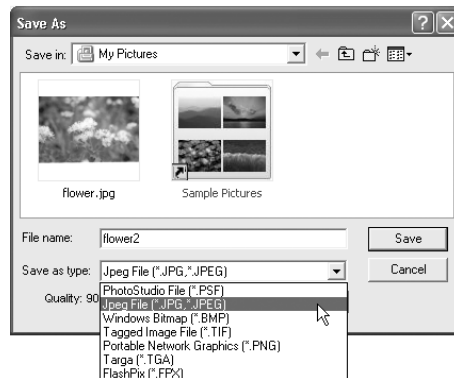
The final scan will start.

## 10 Click or (close box) in the ScanGear CS window to close it. The scanned image will appear in the PhotoStudio window.



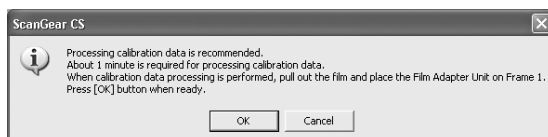
### 11 Save the scanned image.

Click the [File] menu and select [Save As]. Select the folder where you wish to store the image file, enter a file name, select a file type (JPG format is recommended) and click [Save].



### Calibration Message

You must calibrate the scanner if the message to the right appears. Use the following procedures to calibrate it.



1. Open the document cover and remove the Film Adapter Unit.
2. Remove the film from the Film Guide and position the Film Adapter Unit over the first frame (closest to the scanner's front) of the empty Film Guide on the document glass.
3. Gently close the document cover and click the [OK] button.  
The calibration process will start and finish after approximately 1 minute.
4. Put the film back in the Film Guide once the calibration process is complete and place the Film Adapter Unit back over the frame you wish to scan.
5. Click the [OK] button to display the preview image.



- If the scanner does not perform as described above, read the "Troubleshooting" section of the *Scanning Guide* (HTML format manual).
- For details about the bundled software programs, read the *Scanning Guide* or the *User's Guide* (PDF format manual) for each software program on the CanoScan Setup Utility CD-ROM.

## Post Film Scanning Procedures

- 1 Open the document cover, remove the Film Adapter Unit and replace its CAP.
- 2 Remove the film and the Film Guide from the document glass.



- Always put the CAP back on the Film Adapter Unit when it is not in use.
- Film may be damaged if it is left on the document glass for extended periods of time.

- You can purchase the following Accessory Kit for CanoScan LiDE80 if the Film Guide, Film Adapter Unit or its CAP are lost or damaged.  
Accessory Kit (A)(CSAK-LiDE80A) : Film Guide, CAP for Film Adapter Unit  
Accessory Kit (B)(CSAK-LiDE80B) : Film Guide, Film Adapter Unit (with CAP)



# Specifications

		<b>CanoScan LiDE 80</b>
<b>Scanner Type</b>		Flatbed
<b>Scanning Element</b>		CIS (Color Contact Image Sensor)
<b>Light Source</b>		3-color (RGB) LED
<b>Optical Resolution</b>		2400 x 4800 dpi
<b>Selectable Resolution</b>		25 - 9600 dpi (ScanGear CS)
<b>Scanning Bit Depth</b>	<b>Color</b>	16 bit input / 16 bit or 8 bit output for each color (RGB)
	<b>Grayscale</b>	16 bit input / 16 bit or 8 bit output *1
<b>Scanning Speed *2 (Photo or Document)</b>	<b>Color</b>	10.38 msec./line (1200 dpi), 20.7 msec./line (2400 dpi)
	<b>Grayscale,B&amp;W</b>	3.46 msec./line (1200 dpi), 6.9 msec./line (2400 dpi)
<b>Scanning Speed *2 (Film)</b>		5.16 - 82.56 msec/line
<b>Preview Speed *3</b>		Approximately 9 sec.
<b>Interface</b>		USB 2.0 Hi-Speed / USB (USB 1.1 equivalent)
<b>Maximum Document Size</b>		A4/Letter: 216 x 297 mm
<b>Film Type/Number of Frames</b>		35 mm strip (negative/positive) *4 / 1 frame
<b>Scanner Buttons</b>		4 buttons: COPY, SCAN, FILE, E-MAIL
<b>Operating Range</b>	<b>Temperature</b>	5°C to 35°C (41°F to 95°F)
	<b>Humidity</b>	10% to 90% RH , 20% to 80% RH when scanning film (without condensation formation)
<b>Power Requirements</b>		Supplied via USB port
<b>Power Consumption</b>		In operation: 2.5 watts maximum, Stand-by: 1.5 watts
<b>Maximum Exterior Dimensions</b>		258 x 374 x 38 mm
<b>Weight</b>		Approximately 2.0 kg

\*1 16 bit output supports only for film scanning.

\*2 USB 2.0 Hi-Speed mode. Transfer time to computer is not included.

\*3 Calibration processing time is not included.

\*4 35 mm slides not supported.

- Specifications are subject to change without notice.



- Before you upgrade to Windows XP from Windows 98/Me/2000, you must uninstall ScanGear CS and CanoScan Toolbox using the "Uninstall the Software" menu of the CanoScan Setup Utility CD-ROM. The scanner may not work if you upgrade to Windows XP with these programs still installed. After upgrading to Windows XP, reinstall ScanGear CS and CanoScan Toolbox according to the steps on page 4. For details, please read the "Troubleshooting" section of the *Scanning Guide* (HTML format manual).

# System Information

This form should be used to record the operating environment for the purchased scanner. If any problems occur with the scanner, you will need this information when you contact our Customer Support Help Desk. Be sure to record the information and store it in a safe location.

- This information is also required to request a repair under warranty. Make sure you record the information and store it in a safe location.
- Guaranteed servicing for this equipment will expire five years after production ceases.

Date of Purchase:

Dealer Tel:

Dealer Address:

Scanner Model: CanoScan LiDE 80

Serial Number (on the back of the equipment):

## • About the Computer Used

Manufacturer:

Model:

CPU:

Clock Speed:

MHz

Memory Capacity (RAM):

MB

Hard Disk Capacity:

MB

Space Available:

MB

OS: Windows  XP  Me  2000  98

Macintosh  OS 9.0  OS 9.1  OS 9.2  OS X v10.1  OS X v10.2

Monitor Type:

Monitor Size:

inches

Printer:

Manufacturer:

Type of Printer:

Printer Resolutions:

Installed Virus Protection Program:

Installed Compression Program:

On-Board Expansion Cards:

Attached Peripherals:

Connected Network System: