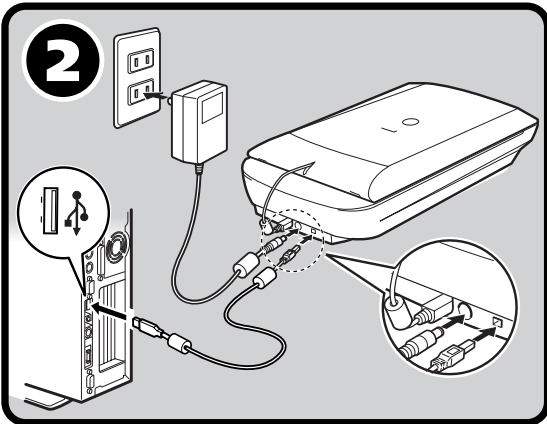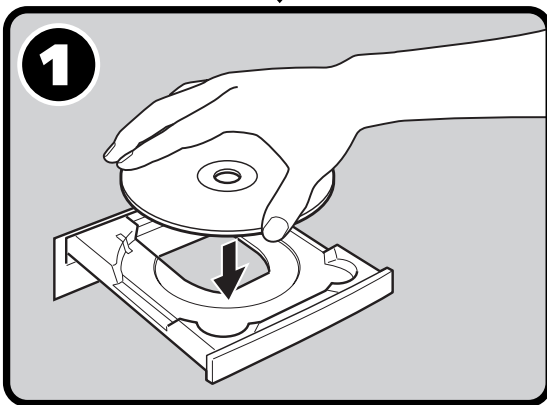# Canon

CanoScan 8000 F

Quick Start Guide

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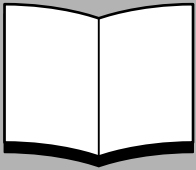

Setup and Scanning

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!

⬇

Scanning Guide (HTML format manual)

HTML

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.
To view the Swedish Scanning Guide, double-click the "CanoScan.htm" file of the "Scanning Guide" in the "Swedish" folder on the CanoScan Setup Utility CD-ROM (EFS).

⬇

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

PDF

• 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.
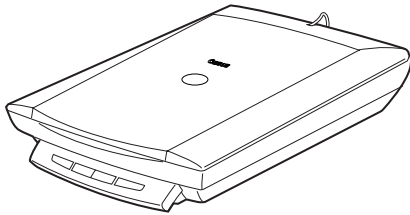If you are uncertain of the legality of scanning any particular item, you should consult your legal adviser in advance.
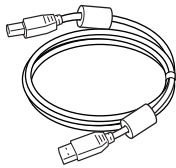
In this guide, Windows XP screen shots are used to illustrate explanations common to all operating systems.
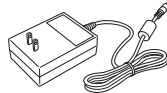
Check the Package Contents
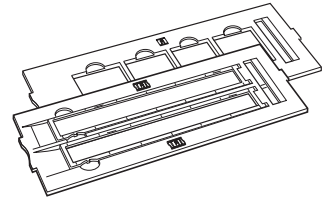
Scanner and Accessories
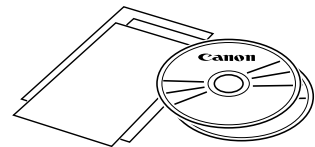
Scanner   USB Interface Cable   AC Adapter   Film Guides
(for film strips and slides)

Documents and Software Programs

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

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 SE (65 MB / 48 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 (100 MB / 80 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.

- The two figures in the brackets below indicate the respective sizes of the Windows/Macintosh versions of the software.
- Approximately 479 MB (for Windows) / 189 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.

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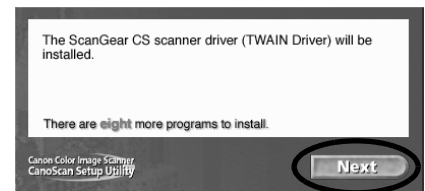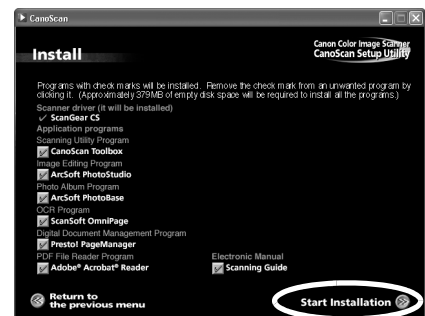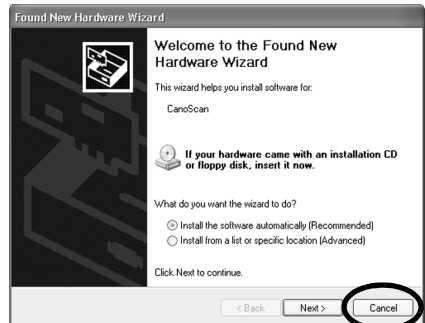
• In few cases, your operating system may require a restart. Follow the on-screen messages to restart and resume installation.

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.
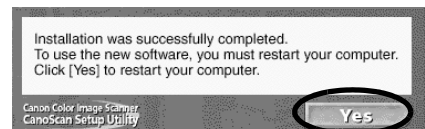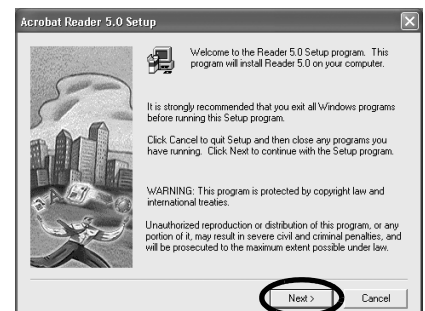
Install the Software (Macintosh)

1 Turn the computer on.

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

Software needed for the USB device "Unnamed Device" is not available. Would you like to look for the software on the Internet?

[Cancel] [OK]

2 Place the CanoScan Setup Utility CD-ROM in the drive.
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.

Canon Color Image Scanner
CanoScan 8000 F
CanoScan Setup Utility

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

The [Install] window will display.

Install the Software
View the Electronic Manuals
Uninstall the Scanner Driver
Exit

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

Install
Canon Color Image Scanner
CanoScan Setup Utility

Programs with check marks will be installed. Remove the check mark from an unwanted program by clicking it. (Approximately 109 MB of empty disk space will be required to install the programs listed below)
Scanner driver (plug-in module)
✓ ScanGear CS
Application programs
Scanning Utility Program
☑ CanoScan Toolbox
Image Editing Program
☑ ArcSoft PhotoStudio
Photo Album Program
☑ ArcSoft PhotoBase
OCR Program
☑ ScanSoft OmniPage
PDF file reader program
☑ Adobe® Acrobat® Reader
Electronic manual
☑ Scanning Guide
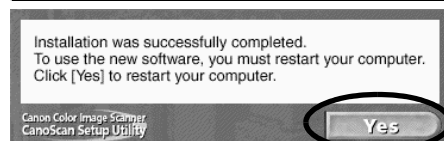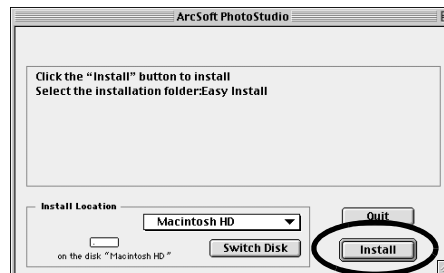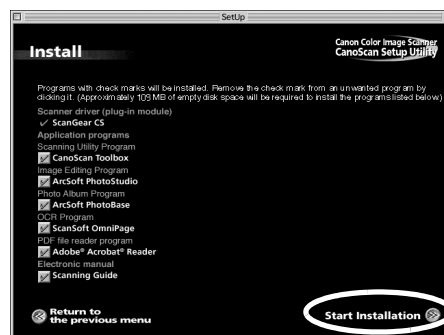
Return to the previous menu

Start Installation

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

Install the ArcSoft PhotoStudio image editing program?

There are seven more programs to install.

Canon Color Image Scanner
CanoScan Setup Utility

No   Yes

ArcSoft PhotoStudio

Click the "Install" button to install
Select the installation folder:Easy Install

Install Location
Macintosh HD
on the disk "Macintosh HD"
Quit
Switch Disk
Install

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.

Installation was successfully completed.
To use the new software, you must restart your computer.
Click [Yes] to restart your computer.

Canon Color Image Scanner
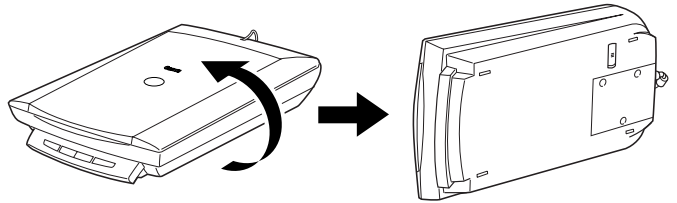CanoScan Setup Utility
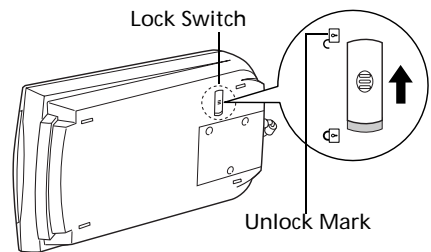
Yes

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 seals from the scanner.

2 Gently turn the scanner over.

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

Lock Switch

Unlock Mark

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

> • When transporting the scanner, always lock the scanning unit by pushing the lock switch toward the lock mark (🔒).
> • Carrying or transporting the scanner without locking the scanning unit may damage it. Be particularly careful to lock the scanning unit when transporting the scanner in a vehicle.
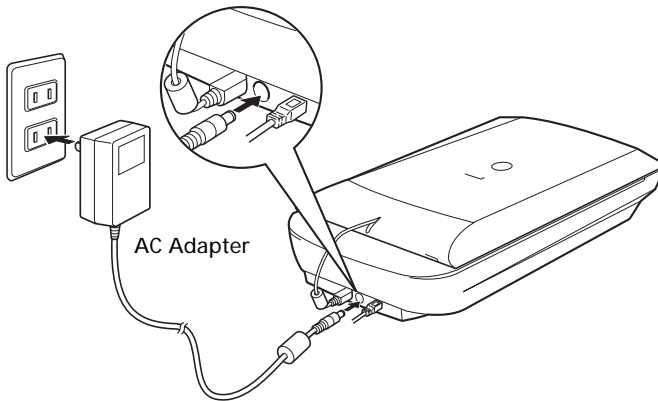
Connect the Scanner

• Confirm that the scanning unit is unlocked. (P.6)

1 Peel the caution seal from the back of the scanner.
2 Connect the FAU cable to the scanner.
3 Connect the scanner to the computer with the supplied USB interface cable.

Wide Flat Connector

FAU Cable

FAU Cable

USB Interface Cable

Small Square Connector
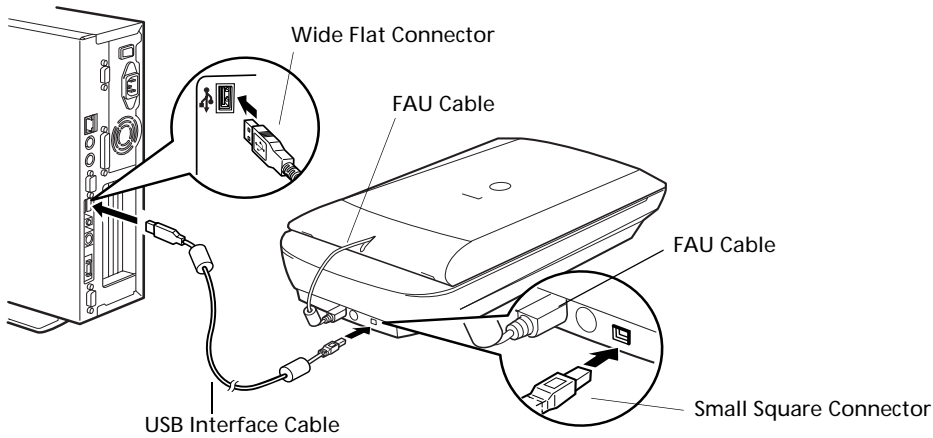
**4** Attach the supplied AC adapter to the scanner.

AC Adapter

• Only use the USB interface cable and the AC adapter provided with the scanner. Use of other cables or adapters 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.

Try Scanning

The following steps explain how to scan with ArcSoft PhotoStudio.

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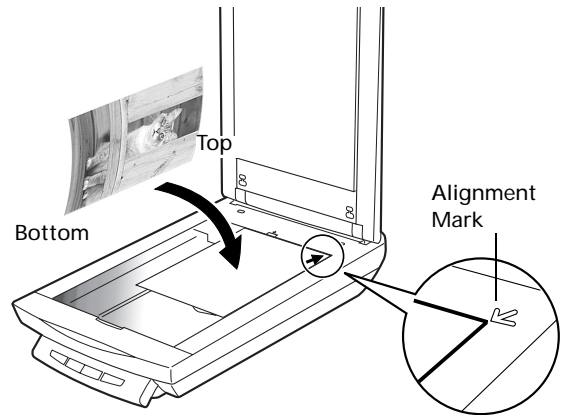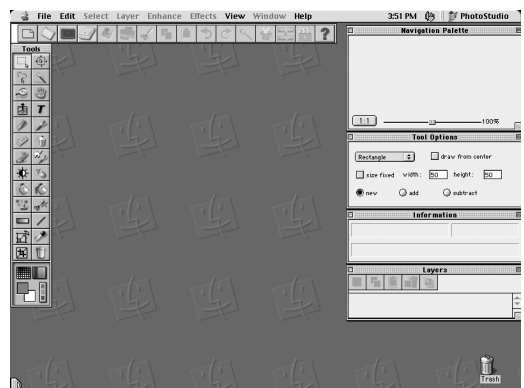

Windows

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.
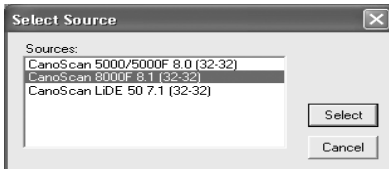

PhotoStudio will start.

Windows

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

ArcSoft PhotoStudio

File Edit Select Layer Enhance Effects Con

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.

Select Source

Sources:
CanoScan 5000/5000F 8.0 (32-32)
CanoScan 8000F 8.1 (32-32)
CanoScan LiDE 50 7.1 (32-32)

Select
Cancel

Macintosh

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

File   Edit   Select   Layer

ScanGear CS will start.

When the [Select Source] dialog displays, select [ScanGear CS 8.1] and click the [OK] button.

Select Source

GradientImport.8ba
ScanGear CS 8.0
ScanGear CS 8.1

Cancel   OK

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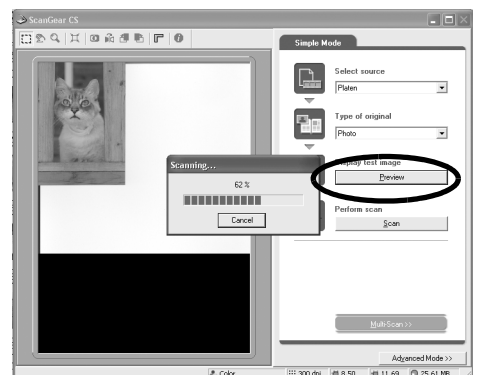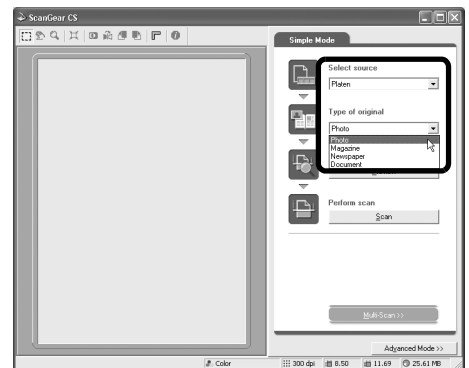If you want to trim the image further, drag the mouse diagonally to select the area.
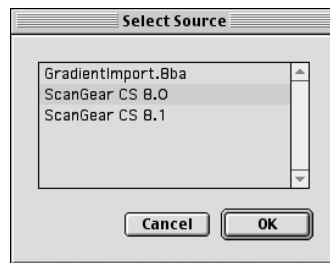
Try Scanning

7 Click [Scan].
The final scan will start.
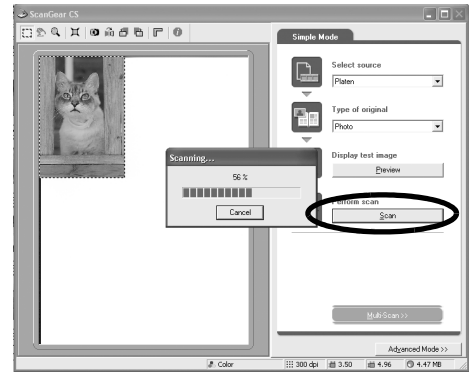
8 Click ☒ or ▢ (close box) in the ScanGear CS window to close it.
The scanned image will appear in the PhotoStudio window.

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.

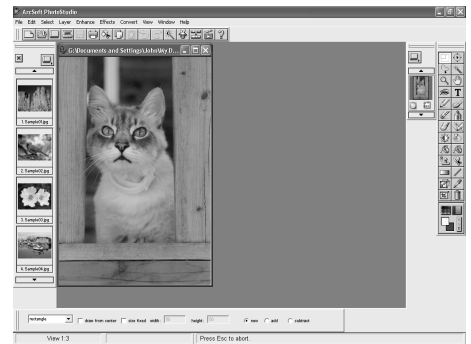- If the scanner does not perform as described above, read the "Troubleshooting" section of the *Scanning Guide* (HTML format manual).
- For details about the bundled software, read the Scanning Guide or the User's Guide (PDF format manual) for each software program on the CanoScan Setup Utility CD-ROM.

Using the Scanner Buttons

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

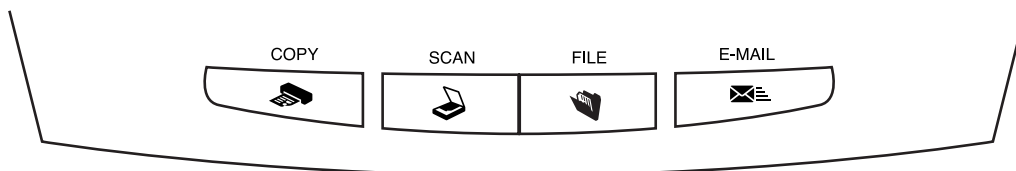> • To use these buttons, ScanGear CS, CanoScan Toolbox, ArcSoft PhotoBase and Presto! PageManager (Windows) / Acrobat Reader (Macintosh) should be installed from the CanoScan Setup Utility CD-ROM.

| COPY | SCAN | FILE | E-MAIL |

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 (Windows) or Adobe Acrobat Reader (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).

> • While scanning, you can change the default settings for scanning by clicking the [Cancel] button. For changing settings or arranging the scanner button assignments, refer to the "CanoScan Toolbox" section of the *Scanning Guide* (HTML format manual).
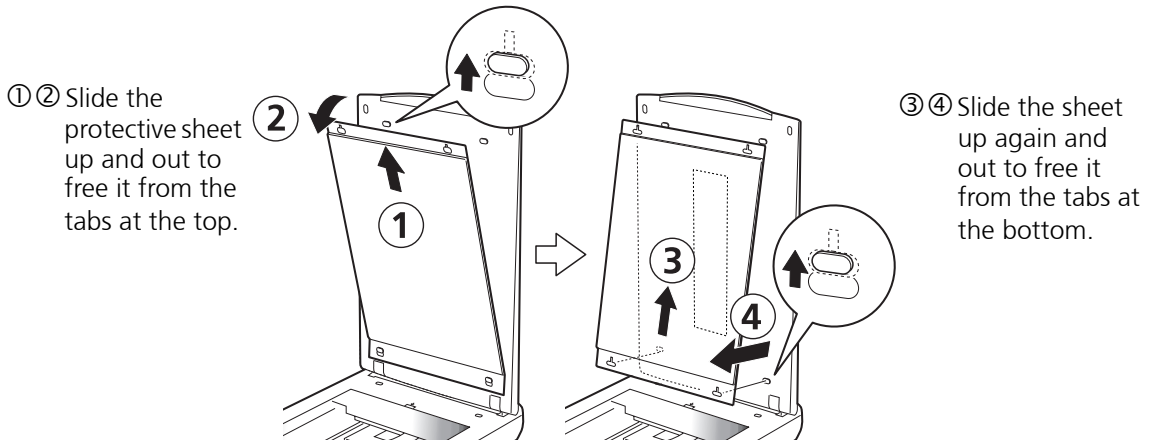
Scanning Film

You can scan 35 mm film (film strips or slides) with this scanner.

Positioning the Film

Use the following procedures to insert the film into the film guide.

1 Remove the protective sheet from the document cover.

①② Slide the protective sheet up and out to free it from the tabs at the top.

③④ Slide the sheet up again and out to free it from the tabs at the bottom.

Fit the holes at the bottom end of the protective sheet over the posts at the bottom of the document cover and slide the protective sheet down. Repeat the procedure for the top end.

- Store the protective sheet in a safe place so that it will not get bent or broken.
- Always replace the protective sheet when you are not scanning film to prevent the light source section from getting scratched.

2 Insert the film into the film guide.

Film Strips
Open the film holder on the film guide for film strips, insert the strip(s) face down and close the film holder.
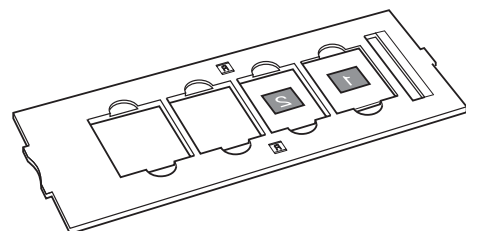
- Place a black piece of paper over any gap to shield the light if you are inserting a film strip with 5 or fewer frames, or if the edge of a scanned image appears whitened.
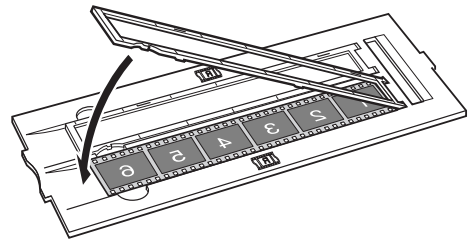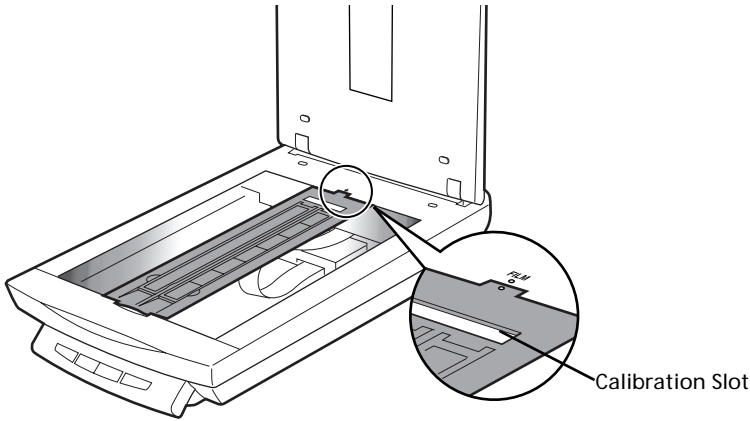
Slides
Place a slide or slides face down in the film guide for slides as shown in the diagram to the right.

3 Place the loaded film guide on the scanner platen.
Align the tab on the side of the film guide with the FILM mark on the platen.

Calibration Slot

• Do not block the calibration slot on the film guide when you are scanning film. Colors will not scan correctly if the calibration slot is obstructed.

4 Close the document cover.

• You can purchase the Accessory Kit for CanoScan 8000F (AK-8000F) if the protective sheet or film guides are lost or damaged.

Scanning Film

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

Windows

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

2 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.

Macintosh

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

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

ScanGear CS will start.

When the [Select Source] dialog displays, select [ScanGear CS 8.1] and click the [OK] button.
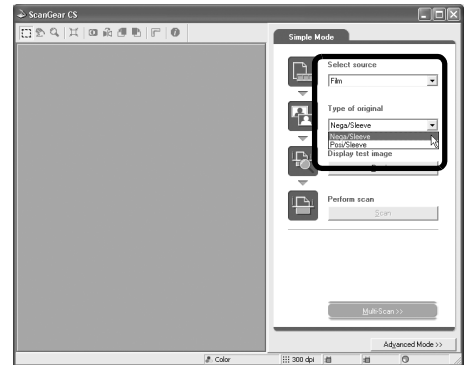
Scanning Film

Simple Mode

3 In the [Select source] category, select [Film].

**4** In the [Film type] category, select [Nega/Sleeve] or [Posi/Sleeve].

> • Only film strips can be scanned in Simple mode. To scan slides, switch to the Advanced mode by clicking the [Advanced Mode] button on the bottom right of the window.

Advanced Mode

3 Select the film type in the [Select source] category.
Select an option from the following.
- Color Negative Film
- Color Positive Film
- B&W Negative Film
- B&W Positive Film

4 Select options for other categories as required, such as the Color Mode or Output Resolution.
Output Resolution is the resolution when an image is enlarged to a print size. You are recommended to select the following resolutions for the respective uses of the image.

- For viewing on a computer screen or attaching to an e-mail message: 75 dpi
- For printing at standard print sizes: 300 dpi
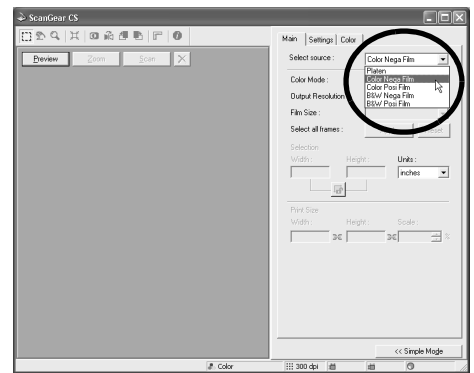
> • A warning message will display if you set the Output Resolution too high. If you proceed anyway, it may take an extremely long time to scan and yield a very large image file.

5 Click [Preview].

6 Place a check mark beside the number(s) of the frame(s) to be scanned and click [Scan].
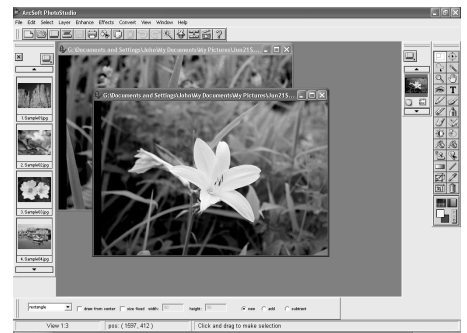At first, a check mark only appears beside the first frame. You can scan multiple frames in one step if you place check marks beside the numbers of each frame you wish to include.

The scanner will start scanning the items.

When the scan is complete, click the ScanGear CS close box (⊠ (Windows) or ☐ (Macintosh)).

The scanned image will appear in ArcSoft PhotoStudio.

7 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 (JPEG format is recommended) and click [Save].

8 Click ⊠ or ☐ (close box) in the PhotoStudio window to close it.
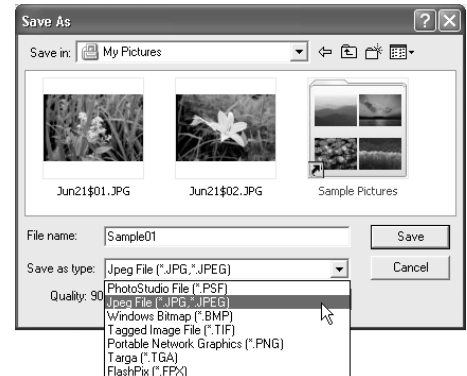
• If the scanner does not perform as described above, read the "Troubleshooting" section of the *Scanning Guide* (HTML format manual).
• For details about the bundled software, read the Scanning Guide or the User's Guide (PDF format manual) for each software program on the CanoScan Setup Utility CD-ROM.

Specifications

		CanoScan 8000F
Scanner Type		Flatbed
Scanning Element		CCD 6-line color
Light Source		Cold cathode fluorescent lamp
Optical Resolution		2400 x 4800 dpi
Selectable Resolution		25 - 9600 dpi (ScanGear CS)
Scanning Bit Depth	**Color**	16 bit input / 16 bit or 8 bit output for each color (RGB)
	Grayscale	16 bit input / 16 bit[*1] or 8 bit output
Scanning Speed[*2] **(Photo or Document)**	**Color**	10.8 msec./line (1200 dpi), 10.8 msec./line (2400 dpi)
	Grayscale,B&W	10.8 msec./line (1200 dpi), 10.8 msec./line (2400 dpi)
Scanning Speed[*2] **(Film)**	**Color, GrayScale, B&W**	5.4 - 172.8 msec/line
Preview Speed[*3]		Approximately 5 sec.
Interface		USB 2.0 Hi-Speed USB 2.0 Full Speed (USB 1.1 equivalent)
Maximum Document Size		A4/Letter: 216 x 297 mm (8.5 x 11.7 in.)
Film Type/Number of Frames		35 mm strip (negatives/positives)/12 frames
		35 mm slide (negatives/positives)/4 frames
Scanner Buttons		4 buttons: COPY, SCAN, FILE, E-MAIL
Operating Range	**Temperature**	10°C to 35°C (50°F to 95°F)
	Humidity	10% to 90% RH, 20% to 80% RH when scanning film (without condensation formation)
Power Requirements		AC adapter (100/120/230/240V)[*4]
Power Consumption		In operation: 15 watts maximum Stand-by: 10.6 watts (Using supplied AC adapter)
Maximum Exterior Dimensions		284 x 495 x 104 mm (11.2 x 19.5 x 4.1 in.)
Weight		Approximately 4.6 kg (10.1 lbs.)

[*1] Available only when scanning films.
[*2] USB 2.0 Hi-Speed mode. Transfer time to computer is not included.
[*3] Calibration processing time is not included.
[*4] Type of AC adapter depends on the area where the scanner is purchased.

• 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 seven years after production ceases.

Date of Purchase:	
Dealer Tel:	
Dealer Address:	
Scanner Model:	CanoScan 8000F
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		
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:		