
Contents

Where To Find Information	1
Loading Paper	1
Single Sheets	1
Envelopes	2
Special Papers	4
Stand-alone Copying	7
Basic Copying	7
Changing Copy Settings	8
Copying With the Computer	11
Basic Windows Printing	15
Printing From an Application	15
Selecting Default Settings	17
Customizing Windows Print Settings	17
Printing With Macintosh OS 8.6 to 9.x	19
Printing With Macintosh OS X	20
Customizing Macintosh Print Settings	24
Selecting Your Media Type	26
Printing BorderFree Photos	27
BorderFree Papers	27
Using Printer Software	28
Printing With Exif Print	30
Basic Scanning	31
Placing Your Original Document	31
Using EPSON Smart Panel	32
Scanning to a File	33
One-Touch Scanning	38
Advanced Scanning	40
Cleaning the Print Head	43

Purchasing Ink Cartridges	44
Replacing an Ink Cartridge	45
Checking the Ink Supply	45
Ink Cartridge Precautions	46
Removing and Installing Ink Cartridges	47
Aligning the Print Head	50
Cleaning the EPSON Stylus CX3200	51
Transportation	52
EPSON Stylus CX3200 Parts	55
Diagnosing Problems	55
Checking the Control Panel	55
Printing a Nozzle Check	56
Problems and Solutions	57
Setup and Software Installation	57
Printing and Copying	58
Scanning	60
Paper	61
Print Quality	62
Miscellaneous Printing	65
Scan Quality	66
Uninstalling Software	68
Windows XP or 2000	68
Windows Me or 98	70
Setting Up Network Printing	71
Windows XP and 2000	71
Windows Me and 98	74
Macintosh	77
Where To Get Help	78
EPSON	78
Other Software Technical Support	80

Specifications	81
Printing	81
Paper	81
Mechanical	86
Ink Cartridges	86
Scanning	88
Electrical	88
Environmental	89
Standards and Approvals	89
Interface Specifications	89
Appendix	91
Copyright Notice	91
Trademarks	92

Where To Find Information

To set up your EPSON Stylus CX3200 and install its software, see the *Start Here* sheet and *Macintosh Software Installation* booklet. This *User's Guide* contains instructions on copying, printing, scanning, maintenance, troubleshooting, network printing, and specifications.

Please follow these guidelines throughout:

Warnings must be followed carefully to avoid bodily injury.

Cautions must be observed to avoid damage to your equipment.

Notes contain important information about your EPSON Stylus CX3200.

Tips contain hints for better copying, scanning, and printing.

Loading Paper

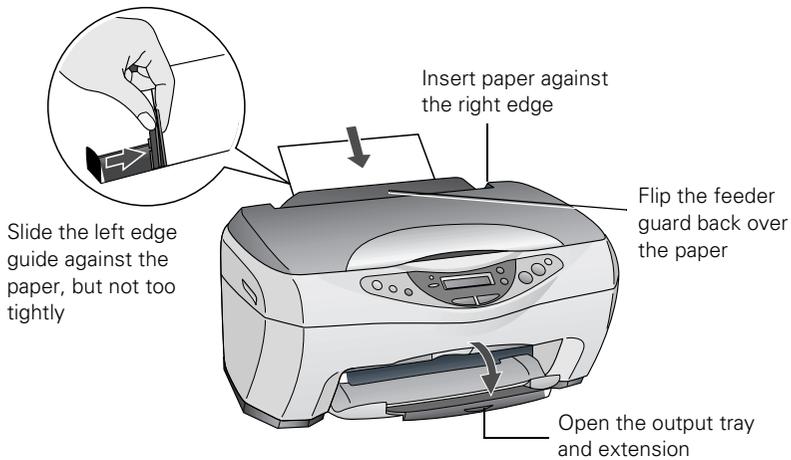
- [Single Sheets](#)
- [Envelopes](#)
- [Special Papers](#)

Single Sheets

1. Make sure your EPSON Stylus CX3200 and computer are turned on.
2. Flip the feeder guard forward.
3. Insert your paper against the right edge of the sheet feeder, beneath the tab.
4. Pinch the left edge guide and slide it against the paper (but not too tightly).
5. Flip the feeder guard back over the paper.

Note: Make sure you didn't insert the paper in front of the feeder guard.

6. Open the output tray and its extension.



Also be sure to:

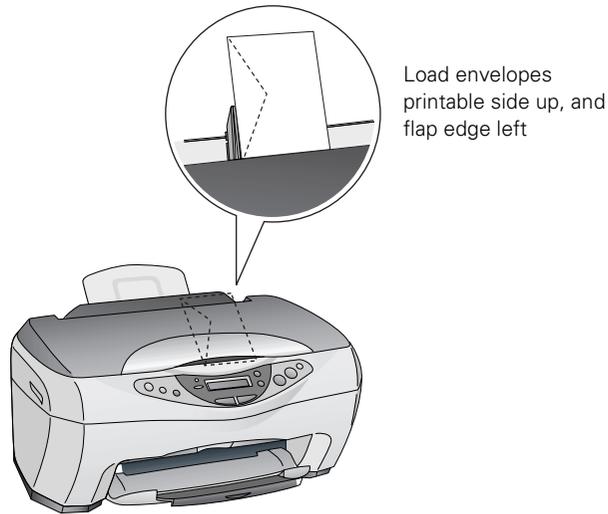
- Load the printable side face-up. It's often whiter or brighter than the other side.
- Load letterhead or preprinted paper into the Stylus CX3200 top edge first.
- Don't load paper above the tab or arrow on the left edge guide.
- Load up to approximately 50 sheets of plain paper at a time.

If you're loading envelopes or special paper, see the next sections.

Envelopes

You can load up to 10 envelopes at a time, flap edge left, and printable side up.

Place them against the right edge of the sheet feeder, then pinch the left edge guide and slide it against the envelopes (but not too tightly).



Note: For best results, press each envelope flat before loading, or load one envelope at a time.

Select the following settings when printing on envelopes:

- Plain paper as the Type or Media Type setting
- The correct envelope size as the Size (Windows) or Paper Size (Macintosh) setting
- Landscape as the Orientation setting

For instructions on selecting these settings, see:

- [Printing From an Application \(Windows\)](#)
- [Printing With Macintosh OS 8.6 to 9.x](#)
- [Printing With Macintosh OS X](#)

Special Papers

EPSON offers the following special ink jet papers for the EPSON Stylus CX3200:

Paper name*	Size	Part number
EPSON Premium Bright White Paper	Letter (8.5 x 11 inches)	S041586
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
	A4 (8.3 x 11.7 inches)	S041061
	Legal (8.5 x 14 inches)	S041067
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Photo Paper or EPSON Glossy Photo Paper	4 x 6 inches, with perforated edges	S041134/S041671
	4 x 6 inches, non-perforated, borderless	S041458
	Letter (8.5 x 11 inches)	S041141/S041272/ S041271/S041272
	A4 (8.3 x 11.7 inches)	S041140
	Panoramic (8.3 x 23 inches)	S041145
EPSON Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
	8 x 10 inches, borderless	S041467
EPSON Double-Sided Matte Paper	Letter (8.5 x 11 inches)	S041568
EPSON All Purpose Glossy Paper	Letter (8.5 x 11 inches)	S041654
EPSON Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041286/S041667
	4 x 6 inches, borderless	S041682
	5 x 7 inches, borderless	S041464
	8 x 10 inches, borderless	S041465
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches)	S041064

Paper name*	Size	Part number
EPSON Photo Quality Self Adhesive Sheets	A4 (8.3 x 11.7 inches)	S041106
EPSON Iron-On Transfer Paper	Letter (8.5 x 11 inches)	S041153/S041155
EPSON Photo Stickers Kit (CD-ROM/stickers)	A6 (4.1 x 5.8 inches)	S041144-KIT
EPSON Photo Stickers (refill)	A6 (4.1 x 5.8 inches)	S041144
EPSON Glossy Photo Greeting Cards	Letter (8.5 x 11 inches); perforated edges	S041606

* The availability of paper types varies by location.

To order EPSON ink cartridges, paper, and other printing media, contact your dealer or call EPSON at (800) 873-7766 or visit the EPSON StoreSM at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

To load EPSON special ink jet papers, follow these guidelines:

Paper type	Loading capacity
Glossy Photo Paper or Photo Paper All Purpose Glossy Paper	20 sheets with a support sheet beneath the stack
Photo Quality Ink Jet Paper	30 sheets, or up to 10 sheets of legal-size paper
Premium Glossy Photo Paper Premium Semigloss Photo Paper	1 sheet, or up to 20 sheets of 5 x 7-inch paper
Premium Bright White Paper	40 sheets
Matte Paper Heavyweight	20 sheets with a support sheet beneath the stack
Photo Quality Self Adhesive Sheets Iron-On Transfer Paper Glossy Photo Greeting Cards	1 sheet
Photo Quality Ink Jet Cards	30 cards with a support sheet under the stack

Photo Stickers Panoramic Photo Paper Double-Sided Matte Paper	1 sheet with a support sheet beneath the sheet
Ink Jet Transparencies	10 sheets with support sheet beneath the stack

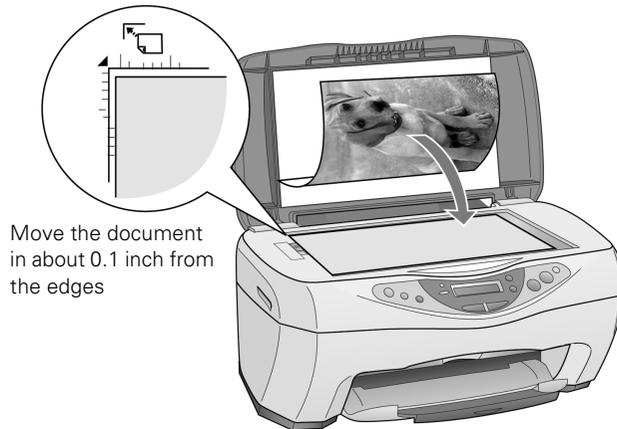
- Load all paper with the printable side up. It's usually whiter or brighter than the other side.
- If the paper has a cut corner, position it in the upper right corner as you load it in the sheet feeder.
- Check the paper package for additional instructions on using special papers.

Stand-alone Copying

- [Basic Copying](#)
- [Changing Copy Settings](#)

Basic Copying

1. Open the scanner lid.
2. Place your document face-down on the glass, in the corner shown below. Move your document about 0.1 inch from the top and side edge so your entire document is scanned.

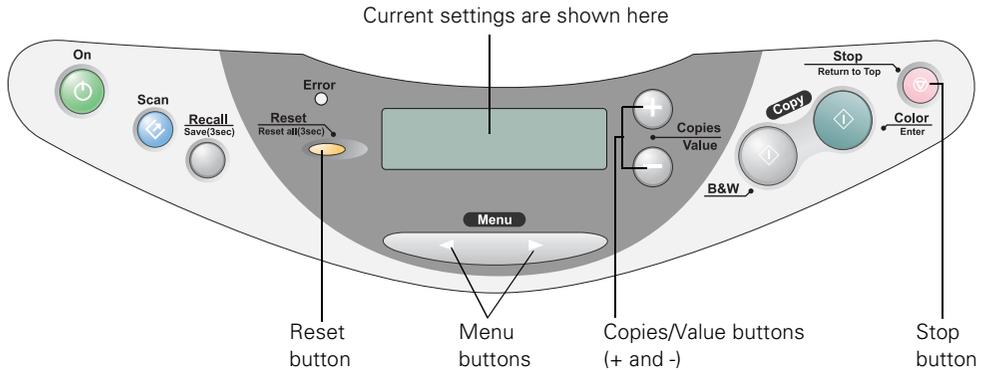


3. Close the scanner lid.
4. The default copy settings are displayed on the control panel. Change any necessary copy settings, as described in [Changing Copy Settings](#).
5. Press the **Color Copy** button (for color copies) or **B&W Copy** button (for black and white copies). Your document is scanned and then printed. If you're using the **2-up Copy Mode** setting (see [Type of Copies](#)), repeat these steps for your second page.

Note: Your copied image size may not be the exact same size as your original.

Changing Copy Settings

The current copy settings are shown on the LCD screen. You can change copy settings using the control panel, as described below.



When you finish changing a setting, press the **Stop** button.

Note: To clear a setting, press the **Reset** button. To clear all the setting changes you've made, press and hold the **Reset** button for at least 3 seconds.

If you'll be changing the Copy mode setting (as described in [Type of Copies](#)), select your Copy mode before selecting any other copy settings.

Number of Copies

Press the + or - **Copies** buttons. (If you're using the **2-up** Copy Mode setting (see [Type of Copies](#)), you can't select the number of copies.)

Paper Size

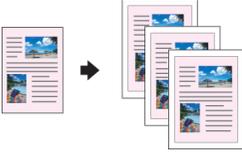
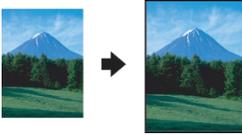
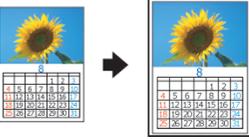
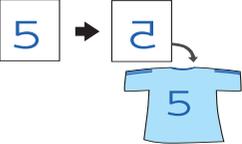
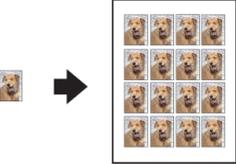
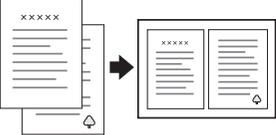
Press a **Menu** button until you see **Paper size** on the LCD screen. Then press the + or - **Value** buttons to select the size of the paper you loaded, either **Letter**, 4 × 6, 5 × 7, or **A4** (8.3 × 11.7 inches).

Lighten or Darken

Press a **Menu** button until you see **Lighter/Darker** on the LCD screen. Then press the + or - **Value** buttons to lighten or darken your copies.

Type of Copies

Press a **Menu** button until you see **Copy mode** on the LCD screen. Then press the **+ or - Value** buttons to select one of these copy modes:

Copy mode	Results
<p>Standard Margins</p> <p>Exact copies of your original with an 0.55-inch margin at the bottom of the page</p>	
<p>Border Free</p> <p>Copies sized as necessary to fit to the edges of your paper*</p>	
<p>Small Margins</p> <p>Copies with only an 0.05-inch border around the edges*</p>	
<p>Mirror</p> <p>Copies inverted horizontally for printing on transfer paper</p>	
<p>Repeat</p> <p>Copies an image multiple times on one sheet (Works best with originals that are business-card-size or smaller)</p>	
<p>2-up</p> <p>Two originals copied onto one sheet</p>	

Copy mode	Results
<p>Minimize Margins</p> <p>Copies with only an 0.1-inch border around the edges*</p>	

* If you notice reduced print quality at the bottom of your copy, try using the Standard Margins setting.

Note: The Copy mode settings determine the options available with other settings on the control panel. Not all of the other options described here are available with every Copy mode setting.

Copy Quality

Press a **Menu** button until you see **Quality&Paper** on the LCD screen. Then press the **+** or **- Value** buttons to select a print quality appropriate for your document and the paper you loaded:

Quality&Paper setting	Use when you've loaded. . .
Plain Paper–Econ	Plain paper or Premium Bright White Paper for quick copying with draft print quality
Plain Paper–Norm	Plain paper or Premium Bright White Paper for text copying with normal print quality
Plain Paper–Fine	Plain paper or Premium Bright White Paper for text and graphics copying with high print quality
PQIJ Paper–Fine	Photo Quality Ink Jet Paper, Cards, or Self-Adhesive sheets for copying with high print quality (also for Plain paper or Premium Bright White Paper for improved image quality)
PQIJ Paper–Photo	Photo Quality Ink Jet Paper, Cards, or Self-Adhesive sheets for copying with photo print quality (also for Plain paper or Premium Bright White Paper for improved image quality)
Photo Paper	Photo Paper, Glossy Photo Paper, Photo Quality Glossy Paper, Glossy Photo Greeting Cards, or All Purpose Glossy Paper
Premium Glossy	Premium Glossy Photo Paper

Quality&Paper setting	Use when you've loaded. . .
Matt Paper HW	Matte Paper Heavyweight or Double-Sided Matte Paper

Note: Not all of these settings may be available, depending on the current **Copy mode** setting.

Reduce or Enlarge

Press a **Menu** button until you see **Reduce/Enlarge** on the LCD screen. Then press the **+** or **- Value** buttons to enlarge or reduce your document to fit on the paper you loaded. Or select **Auto Fit Page** to have the EPSON Stylus CX3200 automatically determine the necessary reduction or enlargement.

To reduce or enlarge by a precise percentage, press a **Menu** button until you see **Zoom In/Out** on the LCD screen. Then press the **+** or **- Value** buttons to select a percentage of the scanned image for the resulting print.

Note: If you select **Auto Fit Page** as the Reduce/Enlarge setting to copy a document with white or very light colored edges, the original size may not be recognized correctly, creating an incorrect size copy. If this occurs, select **100%** as the Reduce/Enlarge setting and use the Zoom In/Out setting to adjust the size of your copy.

Copying With the Computer

Follow these steps to use EPSON Smart Panel to copy from your computer (not available with Mac OS X):

1. Make sure the EPSON Stylus CX3200 is on and paper is loaded in the sheet feeder.
2. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).
3. Select the  EPSON Smart Panel icon on your desktop. Or with Windows, click **Start > All Programs or Programs > EPSON Smart Panel > EPSON Smart Panel**.

You can also press the **Scan** button on the EPSON Stylus CX3200 control panel to open Smart Panel. (To change the application assigned to the **Scan** button, see [One-Touch Scanning](#).)

Note: On a Macintosh, you can also open EPSON Smart Panel by selecting **Applications > EPSON > Smart Panel > EPSON Smart Panel**.

4. Click the Smart Panel Copy button. You see the Copy Settings screen.



5. Adjust any of the following copy settings:

- **Source Type:** Choose **Photo & Text**, **Photo**, or **Text**, based on the content of your original.
- **Size:** Choose the setting based on the size of your original and your copy, or click **Manual** and enter a percentage to reduce or enlarge your copy by a specific amount.
- **Lighten/Darken:** Adjust this by clicking the up and down arrows.
- **Number of Copies:** Enter a number or click the up and down arrows.

Note: Press the  **Cancel** button if you need to cancel any setting changes you made.

6. Click the Device Settings button on the right to check your input and output devices:

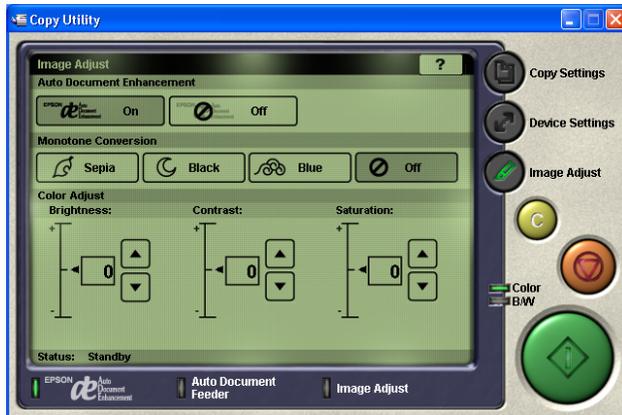


You should see your EPSON Stylus CX3200 as the output device and EPSON TWAIN 5 (your scanning software) as the input device.

Click **Settings** to change the displayed print settings (such as a different Media Type setting, if you loaded special paper) or select additional options. See these sections for details:

- [Basic Windows Printing](#)
- [Printing With Macintosh OS 8.6 to 9.x](#)

7. Click the **Image Adjust** button on the right to enhance your image or add effects:



- Enable or disable the automatic document enhancement feature
 - Add a sepia, blue, or black and white filter
 - Adjust brightness, contrast, or saturation levels
8. Click the  Copy button to start copying.

If you need to stop copying in progress, click the  Stop button.

Note: For more information on Smart Panel copy settings, see the on-screen Smart Panel *User Guide* or click  on the main Smart Panel window.

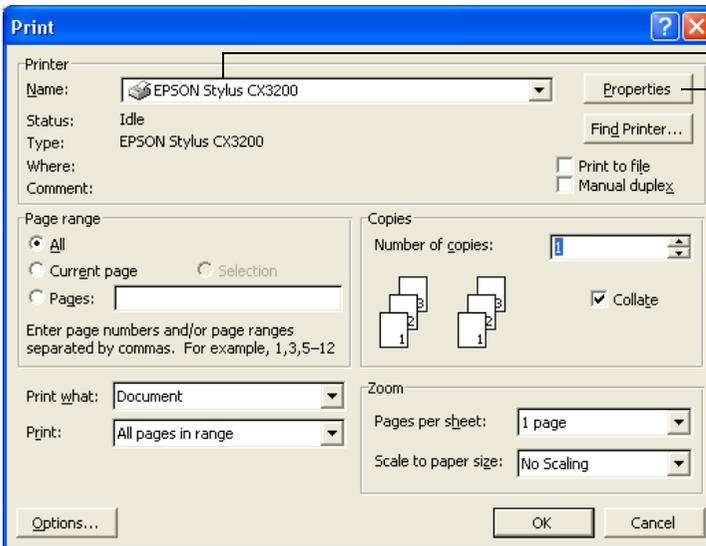
Basic Windows Printing

- Printing From an Application
- Selecting Default Settings

Printing From an Application

After you create a document in a software program, follow these steps to print it using the basic printer settings:

1. From the File menu, click Print. You see a Print window like this one:



Check for your printer name
Click here to open your printer software

2. Make sure EPSON Stylus CX3200 is selected.
3. Click the Preferences or Properties button.

(If you see a Setup, Printer, or Options button, click it. Then click Preferences or Properties on the next screen.)

4. Select the following settings on the Main tab in your printer settings window:

1 Select the type of document you're printing:

2 Select your paper type (see [Selecting Your Media Type](#))

3 Select your paper size

4 Select your document or image orientation

5 Click **OK**

Draft: for rough drafts with reduced print quality

Text: For text-only documents (like letters) with good print quality

Text & Image: For documents with text and images with higher print quality

Photo: For photos and graphics with good print quality and speed

Best Photo: For photos or graphics with high print quality

Tip: For more information about printer settings, click the **?** or **Help** button.

5. You return to the Print window. Click **OK** or **Print** to start printing.

During printing, this window appears and shows the progress of your print job. You can use the buttons to cancel, pause, or resume printing. You can also see how much ink you have left.

Click to cancel printing

Click to pause or resume printing

Selecting Default Settings

Your printer settings apply only to the program you're currently using. If you want, you can change the Windows default printer settings for all your programs.

1. Right-click the  printer icon in the lower right corner of your screen (taskbar).
2. Select **Printer Settings**. You see the window shown in [Printing From an Application](#).
3. Select the default settings you want for all your applications, then click OK.

You can still change the printer settings in your program, if necessary.

Customizing Windows Print Settings

You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

1. On the Main tab, click the **Advanced** button in the bottom right corner of the window. The Basic settings change to the Advanced settings.
2. Select the following advanced settings as necessary:

1 Select Paper & Quality options as necessary

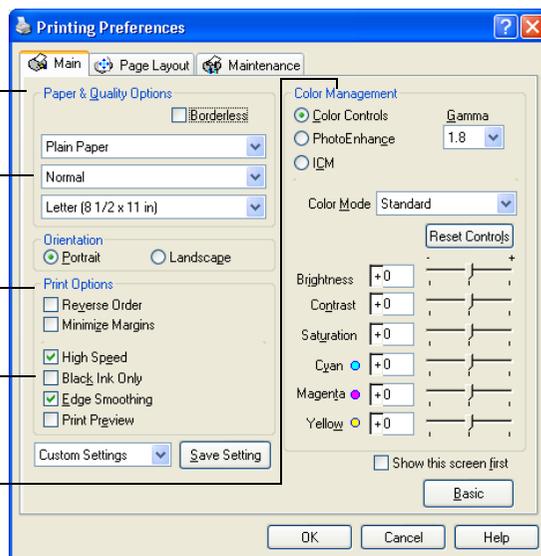
Click here to select **Photo RPM** for the best print quality on photo and glossy paper types

2 Select Print Options as necessary

Click here to select **Black Ink Only** printing

3 Select a color management method

To choose **No Color Adjustment**, click **ICM** first



3. Once you've finished selecting advanced settings, you can:
 - Click **OK** to save your settings, return to the Print dialog box, and print.
 - Click the **Basic** button to return to the Basic settings.
 - Click the **Page Layout** tab and continue with step 4 to select layout options.

Note: For more information about advanced settings, or instructions on saving them as a group so you can reuse them later, click the **Help** or **?** button. If you want to use the Advanced screen each time you access your printer settings, select the **Show this screen first** checkbox.

4. Select the following page layout settings as necessary:

The screenshot shows the 'Printing Preferences' dialog box with the 'Page Layout' tab selected. The dialog is divided into several sections: 'More Options', 'Copies', 'Multi-Page', and 'Watermark'. Numbered callouts point to specific settings:

- 1 Select image or document position options here (points to the 'Centered' checkbox in the 'More Options' section).
- 2 Select image or document resizing options here; these affect only your printed image (points to the 'Reduce/Enlarge Document' section).
- 3 Add a watermark to your printed page here (points to the 'Watermark' section).
- 4 Select multi-page document options here and here (points to the 'Copies' section, specifically the 'Copies' dropdown and the 'Collate' checkbox).
- To print a large image on several sheets to make a poster, select settings here (points to the 'Poster Printing' radio button).

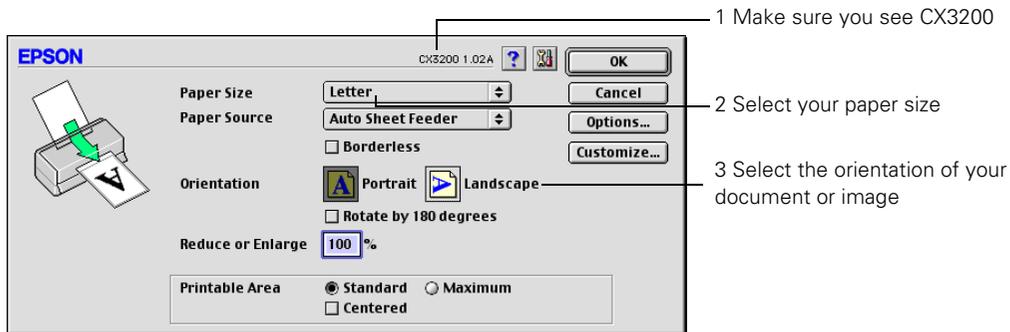
Note: For more information on page layout settings, click the **Help** or **?** button.

5. Click **OK** to save your settings, return to the Print dialog box, and print.

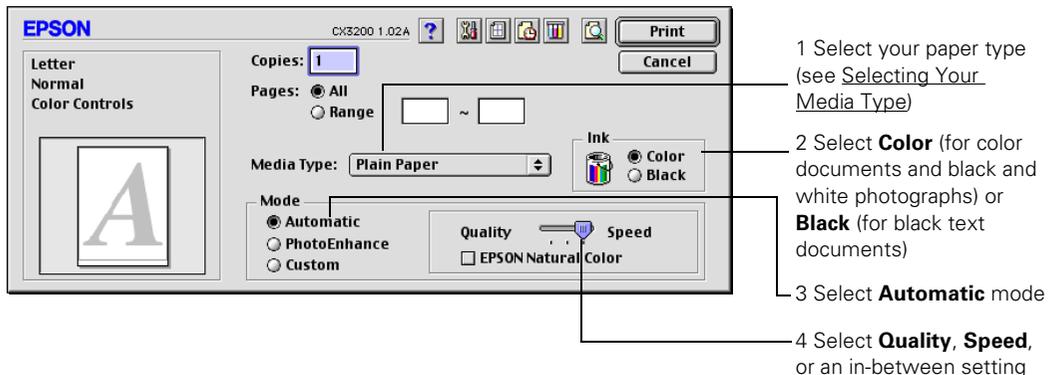
Printing With Macintosh OS 8.6 to 9.x

Before you begin, make sure you selected your printer in the Chooser as described in the *Macintosh Software Installation* booklet.

1. From the File menu, select **Page Setup**. Select the following settings:



2. Click **OK** to close the Page Setup window.
3. From the File menu, select **Print**. Select the following settings:

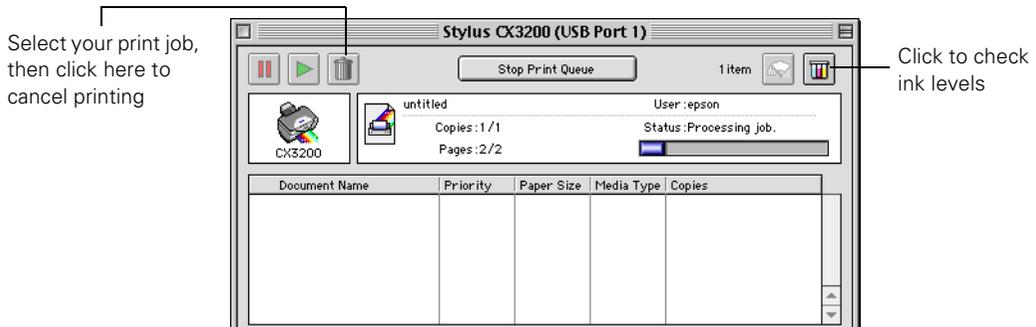


Tip: For more information about printer settings, click the ? button.

4. You can also do the following:

- Click to reduce/enlarge your printed image, print multi-page layouts, or add a watermark.
- Click to control background printing and schedule print jobs.

- Click , then click **Preview** to preview your printout.
 - Click  to check your ink levels.
5. Click **Print**.
 6. If you turned on background printing, you can select **EPSON Monitor IV** from the Application menu in the upper right corner of the screen. You see the EPSON Monitor window:



Note: If you're not using background printing and you need to cancel printing, hold down the **⌘** key and press the **.** (period) key.

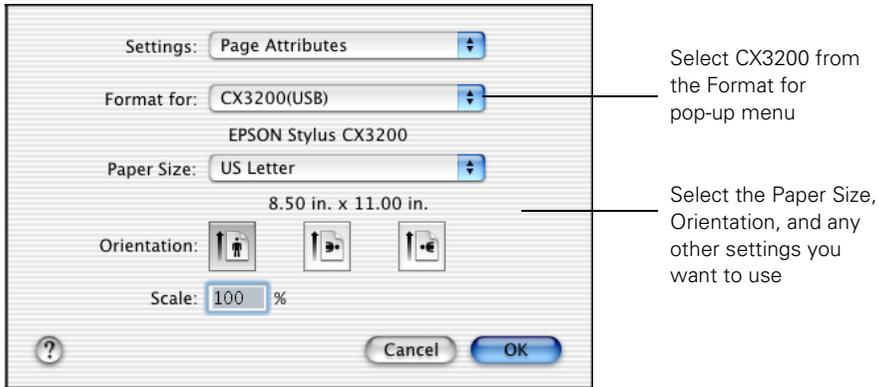
Printing With Macintosh OS X

If you're using an OS X compatible printing application, follow the steps below to print a document. (If you're using an application that's compatible only with Macintosh Classic mode, follow the steps in [Printing With Macintosh OS 8.6 to 9.x](#) instead.)

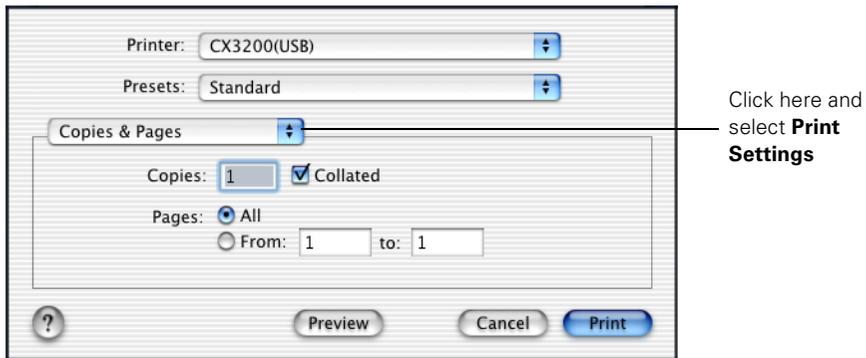
Before you begin, make sure you added your printer to Print Center as described in the *Macintosh Software Installation* booklet.

1. From the File menu, select **Page Setup**.

2. Select the following Page Setup settings as necessary:

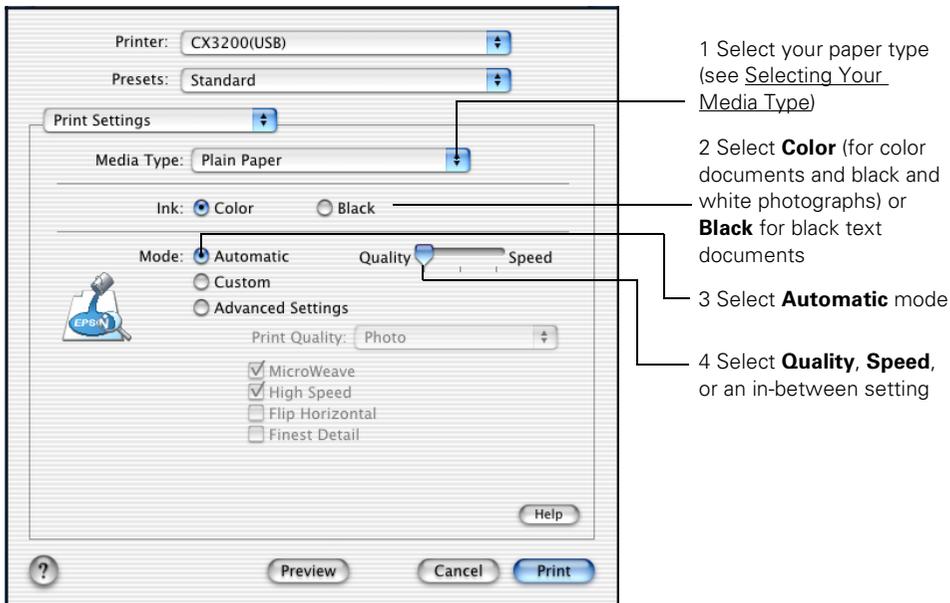


3. When you're finished, click OK.
4. Select **Print** from the File menu. You see a screen like this:



5. Select **Print Settings** from the pull-down menu.

6. Select the following Print Settings as necessary:



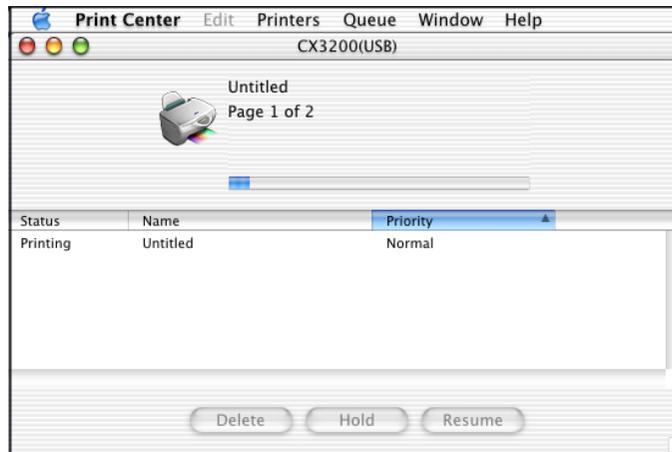
Tip: For more information about printer settings, click **Help**. The OS X printer driver contains a subset of the settings available with the OS 8.6 to 9.x Macintosh printer driver described in this book.

7. You can also choose other print settings by selecting these options in the pull-down menu:

- **Copies & Pages**, to select the number of copies or a page range
- **Layout**, to select page layout options
- **Output Options**, to save your print job as a PDF file
- **Color Management**, to select ColorSync[®], adjust the color controls, change the gamma setting, or turn off color adjustments by the printer software
- **Summary**, to view a list of all your selections
- **Save Custom Setting**, to save your selections for future use.

8. Click **Print**.

9. To monitor the progress of your print job, click the  **Print Center** icon when it appears in the dock on the bottom of your desktop. You see a screen like this:



10. Monitor the progress of your print job or do one of the following:

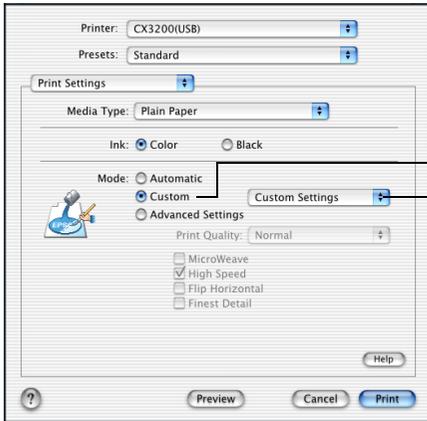
- Click the print job, then click **Delete** to delete the job
- Click the print job, then click **HOLD** to pause printing
- Click a print job marked “Hold” and click **Resume** to resume printing
- If multiple print jobs are listed, click a print job, then click the **Priority** arrow as necessary to reorder the jobs

11. When you're finished, close Print Center.

Customizing Macintosh Print Settings

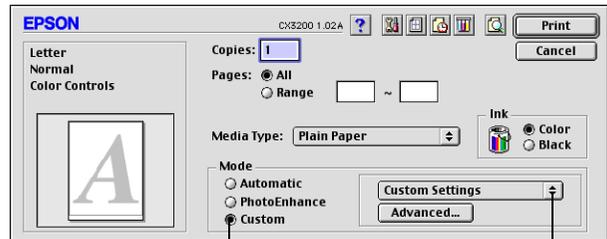
You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

1. On the printer settings window, click **Custom**, then click the **Custom Settings** list to open it.



Macintosh OS X

Click **Custom**, then choose:
Text/Graph (for text, charts, or graphs)
Economy (to save ink on plain paper) or
ColorSync (to match printed colors with compatible device colors) from the Custom Settings list



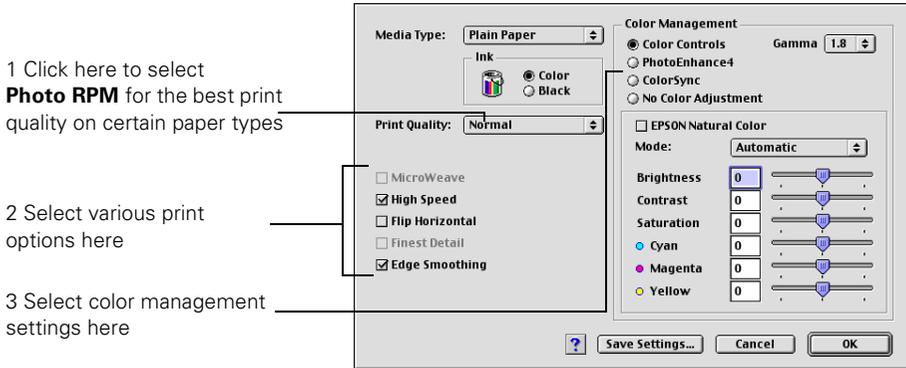
Macintosh OS 8.6 to 9.x

Click **Custom**, then choose:
Text/Graph (for text, charts, or graphs)
Economy (to save ink on plain paper) or
ColorSync (to match printed colors with compatible device colors) from the Custom Settings list

Note: For more information on custom settings, click **Help** (OS X) or **?** (OS 8.6 to 9.x).

2. If you're finished selecting custom settings, click **Print** to print your document.
To select more custom settings, go to step 3.
3. To access advanced settings, click **Custom**, then click **Advanced** (OS 8.6 to 9.x) or click **Advanced Settings** (OS X).

4. Select these advanced settings as necessary:

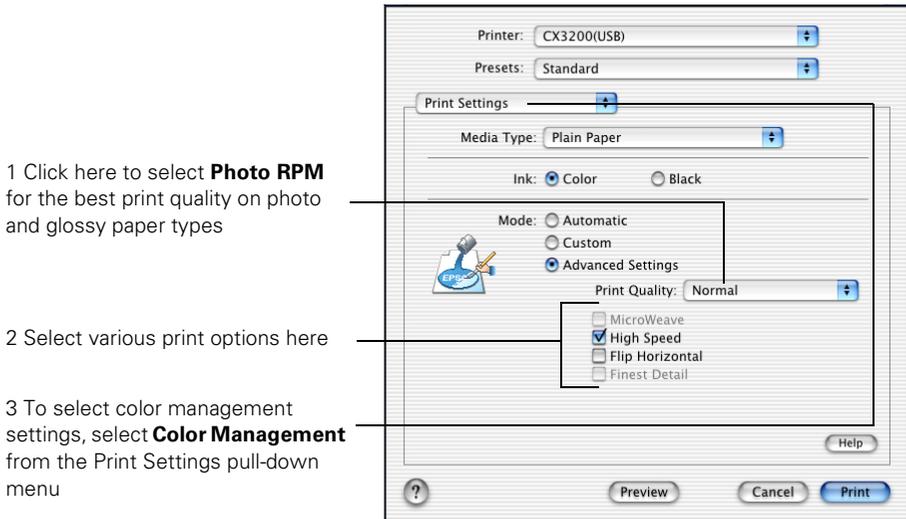


1 Click here to select **Photo RPM** for the best print quality on certain paper types

2 Select various print options here

3 Select color management settings here

Macintosh OS 8.6 through 9.x



1 Click here to select **Photo RPM** for the best print quality on photo and glossy paper types

2 Select various print options here

3 To select color management settings, select **Color Management** from the Print Settings pull-down menu

Macintosh OS X

Note: For more information on advanced settings, or instructions on saving them as a group so you can reuse them later, click **Help** (OS X) or **?** (OS 8.6 to 9.x).

5. **OS 8.6 to 9.x:** Click **OK** to save your settings, then click **Print**.

OS X: Click **Print**.

Selecting Your Media Type

Select the correct **Type** or **Media Type** setting so your printer knows what kind of paper you're using and adjusts the ink coverage accordingly.

Plain Paper
Bright White Paper
360 dpi Ink Jet Paper
Photo Quality Ink Jet Paper
Matte Paper - Heavyweight
Glossy Photo Paper
Premium Glossy Photo Paper
Photo Quality Glossy Film
Ink Jet Transparencies

For this paper . . .	Select this Type or Media Type setting . . .
Plain paper sheets or envelopes	Plain paper
EPSON Premium Bright White Paper	Bright White Paper
EPSON Iron-On Transfer Paper	360 dpi Ink Jet Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Matte Paper Heavyweight EPSON Double-Sided Matte Paper	Matte Paper - Heavyweight
EPSON Photo Paper EPSON Glossy Photo Paper EPSON All Purpose Glossy Paper EPSON Photo Quality Glossy Paper EPSON Glossy Photo Greeting Cards	Glossy Photo Paper
EPSON Premium Glossy Photo Paper EPSON Premium Semigloss Photo Paper	Premium Glossy Photo Paper
EPSON Photo Stickers®	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies

Printing BorderFree Photos

- [BorderFree Papers](#)
- [Using Printer Software](#)

BorderFree Papers

You can print your photos with no margins, extending the image all the way to the edges of the page. Although BorderFree printing is a bit slower (especially near the edges), you get beautiful snapshots or enlargements, without trimming.

BorderFree printing supports the following paper types and sizes:

EPSON paper name	Sizes	Type or Media Type setting
Photo Paper or Glossy Photo Paper	Letter-size 4 × 6 (with or without perforated edges) A4 (8.3 × 11.7 inches) Panoramic	Glossy Photo Paper
All Purpose Glossy Paper	Letter-size	
Glossy Photo Greeting Cards	8 × 10 (with perforated edges)	
Premium Glossy Photo Paper	Letter-size 8 × 10 5 × 7 4 × 6	Premium Glossy Photo Paper
Premium Semigloss Photo Paper	Letter-size	
Matte Paper Heavyweight	Letter-size 8 × 10	Matte Paper - Heavyweight

EPSON paper name	Sizes	Type or Media Type setting
Photo Quality Ink Jet Paper	A4	Available for stand-alone copying only; see Stand-alone Copying

Note: For instructions on loading special paper, see [Special Papers](#).

You can print BorderFree photos using your EPSON Stylus CX3200 control panel or your printer software.

To use the control panel, follow the instructions in [Stand-alone Copying](#) and select **Border Free** as the Copy Mode setting, as described in [Type of Copies](#).

To use your printer software, follow the instructions in the next section.

Using Printer Software

Follow the steps for your operating system below to print BorderFree photos using your printer software.

Windows

1. Start your printing application and open your photo file.
2. Access the printer settings window (see [Basic Windows Printing](#)).
3. Select **Photo** or **Best Photo** as the Quality Type setting.
4. Select your paper type as the Type setting. See [BorderFree Papers](#).

5. Click the **Borderless** checkbox, then select your paper size as the **Size** setting.

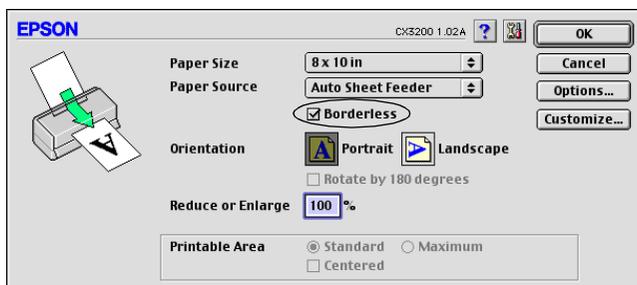


6. Select **Portrait** or **Landscape** as the **Orientation** setting.
7. Click **OK**.
8. Click **OK** or **Print**.

Macintosh

Note: BorderFree printing is not available with Macintosh OSX.

1. Start your printing application and open your photo file.
2. Click **File > Page Setup**.
3. Click the **Borderless** checkbox, then select your paper size as the **Paper Size** setting.



4. Select **Portrait** or **Landscape** as the Orientation setting.
5. Click **OK**.
6. Click **File > Print**.
7. Select your paper type as the **Media Type** setting. See [BorderFree Papers](#).
8. Click **Print**.

Printing With Exif Print

If your digital camera supports Exif Print, you can use this technology when you print with the EPSON Software Film Factory program that came on your Stylus CX3200 CD-ROM to ensure the most accurate image reproduction (Exif Print is not available with Macintosh OS X).

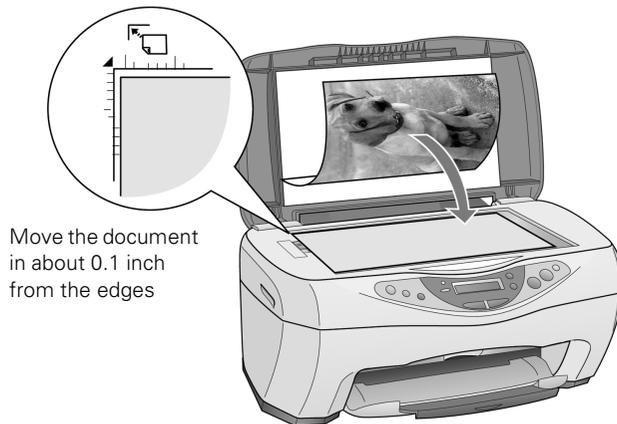
Follow the instructions in the Film Factory *Getting Started Guide* (installed with the program) to print Exif Print photos.

Basic Scanning

- [Placing Your Original Document](#)
- [Using EPSON Smart Panel](#)
- [Scanning to a File](#)
- [One-Touch Scanning](#)

Placing Your Original Document

1. Open the scanner lid.
2. Place your document face-down on the glass, in the corner shown below. Move your document about 0.1 inch from the top and side edge so your entire document is scanned.



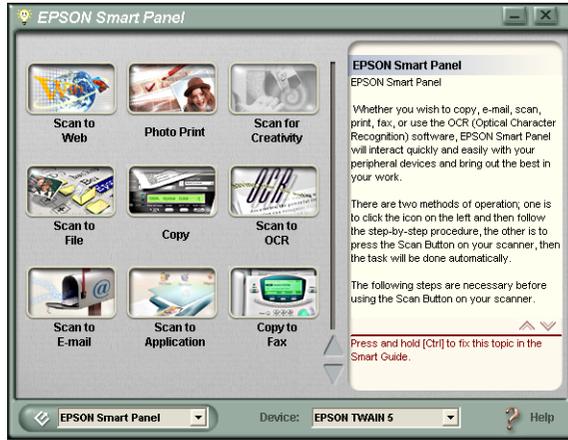
3. Close the scanner lid.

Note: If you place your document against the guides, the edges next to the guides won't be scanned.

If you need to scan a thick document, such as a book, you can remove the scanner lid to scan. Gently press down the original to keep it flat on the document table. Be sure to replace the scanner lid when you're finished.

Using EPSON Smart Panel

EPSON Smart Panel is an easy, step-by-step interface for scanning, copying, printing, and more. You can use it to launch a variety of programs on your computer, as described below, or use it with the EPSON Stylus CX3200 Scan button for automatic scanning and copying, as described in [One-Touch Scanning](#).



Smart Panel features	Description
 Scan to Web	Scans an image and uploads it to EPSON's photo-sharing web site.
 Photo Print	Scans and prints photos in various sizes and layouts.
 Scan for Creativity	Scans a photo into ArcSoft PhotoImpression where you can edit, retouch, enhance, and print it with templates, frames, and borders.
 Scan to File	Scan an image or document directly to a file on your hard drive.

Smart Panel features	Description
 <p>Copy</p>	<p>Scans and prints an image or document with the power and flexibility of a conventional photocopier.</p>
 <p>Scan to OCR</p>	<p>Scans text documents and converts them into editable text files on your computer with great accuracy.</p>
 <p>Scan to E-mail</p>	<p>Scans an image or document and attaches it to an e-mail so you can send it right away.</p>
 <p>Scan to Application</p>	<p>Scans and image or document and lets you choose which program it launches for handling the scanned file.</p>
 <p>Copy to Fax</p>	<p>When you install your own fax software, scans your image or document and faxes it to your chosen destination.</p>

For details on using all the Smart Panel features, click the ? button in Smart Panel or see the on-screen Smart Panel *User Guide*.

Scanning to a File

You can quickly scan an image or document directly to a file on your hard drive.

Using EPSON Smart Panel (Windows and Mac OS 8.6 to 9.x)

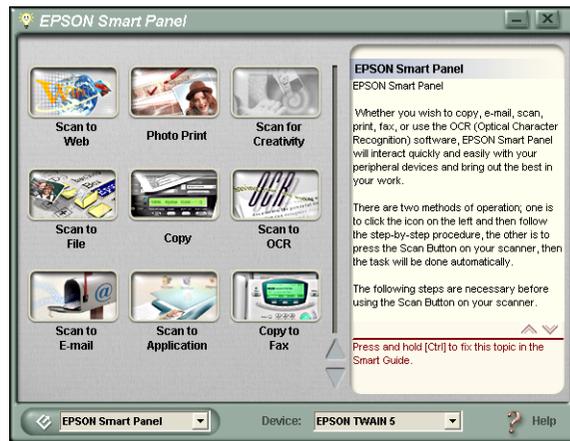
Smart Panel is a simple way to scan directly to a file in just a few steps.

1. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).

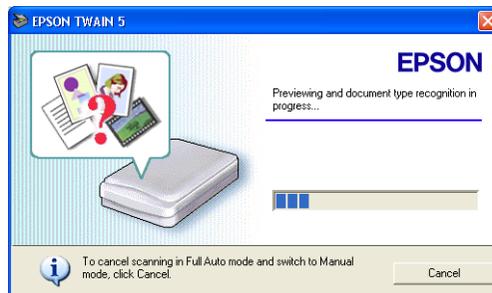
2. Select the  EPSON Smart Panel icon on your desktop. Or with Windows, click Start > All Programs or Programs > EPSON Smart Panel > EPSON Smart Panel.

You can also press the Scan button on the EPSON Stylus CX3200 control panel to open Smart Panel. (To change the application assigned to the Scan button, see [One-Touch Scanning](#).)

Note: On a Macintosh, you can also open EPSON Smart Panel by selecting Applications > EPSON > Smart Panel > EPSON Smart Panel.



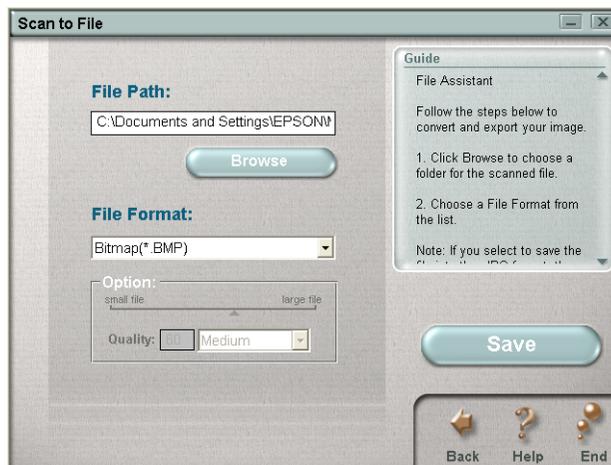
3. Click the Scan to File button. Smart Panel starts EPSON TWAIN, which automatically scans your document.



4. In the following screen, double-click a photo to see an enlarged preview and make sure it scanned properly. To rename the image, click the file name below it and type in a new name.



5. Click **Finish**. (Or click **Scan More** to scan additional images.)



6. Select a folder and file format, then click **Save** to save your file to the location you selected. It's ready to open in a compatible image editing program, print, e-mail, or use as you like.

Note: For instructions on scanning with the other Smart Panel options, select **Help** in the Smart Panel window or open the *User Guide* in the EPSON Smart Panel program group.

Using EPSON Scan to File in Mac OS X

EPSON Scan to File launches EPSON TWAIN and saves the scanned images to files automatically. It generates sequential file names so you can quickly scan an image with different TWAIN settings and select the one you like the most.

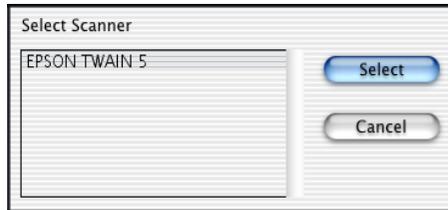
1. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).
2. Open your OS X Applications folder, then open the EPSON Scan to File folder.
3. Double-click the  EPSON Scan to File icon. You see the File Save Settings screen:



4. The images you scan are saved to the folder listed in the Location box. To change the folder, click the **Choose** button and select the folder you want.
5. The files are named with the prefix `img`. To change the prefix, enter a different three-character name in the Prefix box.
6. The files are saved in the TIFF (*.tif) file format. You can select the JPEG, Multi-TIFF, or PICT format from the Type drop-down menu instead.

Note: For details on the available settings, click the **Help** button.

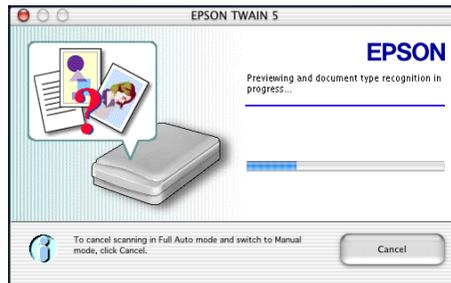
7. Open the File menu and click **Select Scanner**. You see this window:



8. Select **EPSON TWAIN 5** and click **Select**. (You only need to perform steps 6 and 7 the first time you run EPSON Scan to File.)

9. Make sure your image is placed on the document table and the scanner lid is closed.

10. Click **Next** on the File Save Settings screen. After a moment, you see this screen:



11. EPSON TWAIN begins scanning your image in Full Auto Mode. Wait for scanning to finish.

To stop the scan and select settings in manual mode, click **Cancel**. Then click the **Manual mode** button on the next screen. You see the EPSON TWAIN settings dialog box.

Note: For detailed information on EPSON TWAIN settings, see [Advanced Scanning](#) or click the **Help** button.

12. When scanning finishes, EPSON Scan to File saves your file to the location you selected. It's ready to open in a compatible image editing program, print, e-mail, or use as you like.

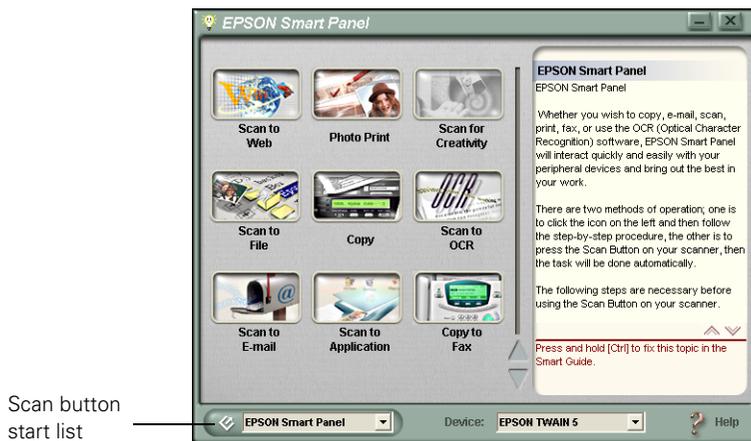
One-Touch Scanning

You can use your **Scan** button to automatically scan a photo into an imaging application, scan a document to convert it into editable text, or scan to e-mail, print, or fax. (Not available with Macintosh OS X.)

The following example explains how to set up the **Scan** button so you can scan files to e-mail.

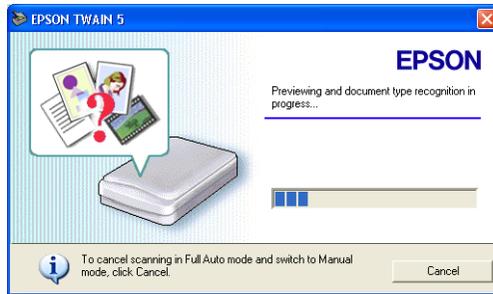
1. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).
2. Select the  EPSON Smart Panel icon on your desktop. Or click **Start > All Programs** or **Programs > EPSON Smart Panel > EPSON Smart Panel**.

Note: On a Macintosh, you can also open EPSON Smart Panel by selecting **Applications > EPSON > Smart Panel > EPSON Smart Panel**.

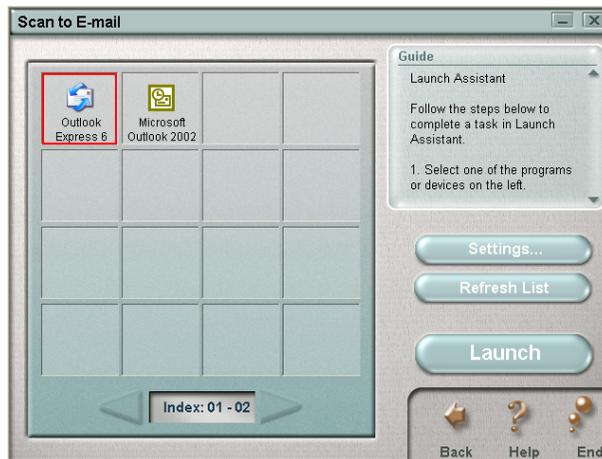


3. Select **Scan to E-mail** in the Scan button start list in the bottom left corner of the Smart Panel window. Then exit Smart Panel.
4. Press the **Scan** button on the EPSON Stylus CX3200 control panel.

5. Smart Panel starts and EPSON TWAIN automatically scans your document.



6. On the next screen, double-click your document thumbnail to enlarge the preview and make sure it scanned properly. To rename the image, click the file name below it, type in a new name, and click OK. Then click Finish.
7. On the next screen, select your e-mail program and click the **Launch** button. Your document is automatically attached to a blank e-mail.



Note: If your e-mail program isn't listed, click the **Help** button for instructions on adding your e-mail program to the list. For a list of supported programs, see your on-screen Smart Panel *User Guide*.

8. Complete your e-mail by entering the address and subject, and adding a message, if you like. Then send your e-mail.

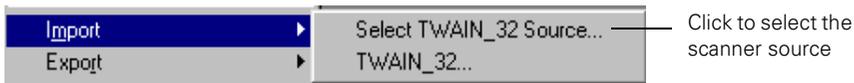
9. To continue one-touch scanning to e-mail, just press the **Scan** button and repeat steps 6 through 9. To change the program that opens when you press the **Scan** button, select a different option in the Scan button start list on the Smart Panel window, as described in step 4.

Advanced Scanning

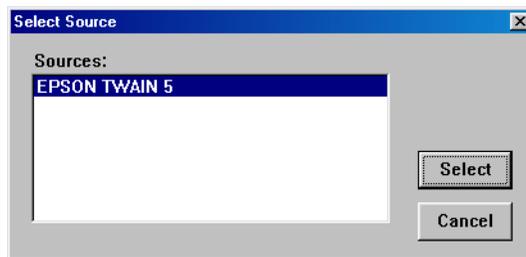
You can use advanced scanning features from within a TWAIN-compliant host application, such as Adobe® Photoshop® or EPSON Smart Panel. You have to start this application to select and access EPSON TWAIN, as described below (the steps may vary, depending on your application).

1. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).
2. Start your application.
3. **Windows:** Select the scanner source. Open the File menu and choose **Select Source, Import, or Acquire**.

Macintosh OS 8.6 to 9.x and OS X: Go to step 4.

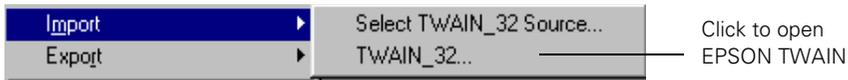


4. **Windows:** Select EPSON TWAIN 5 and click **Select** or **OK**.

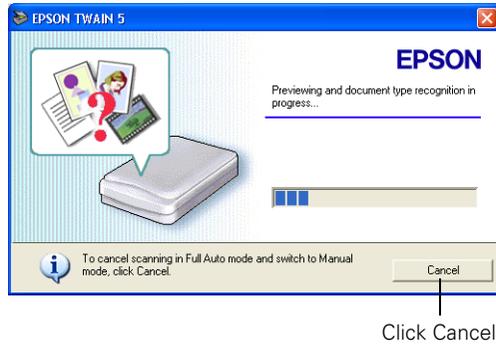


Note: If your computer fails to recognize the EPSON Stylus CX3200, you won't see EPSON TWAIN 5 when you try to select a scanner source from your host application. In addition, an error message may appear. If this happens, turn off your computer and the Stylus CX3200, then turn the Stylus CX3200 back on and restart your computer.

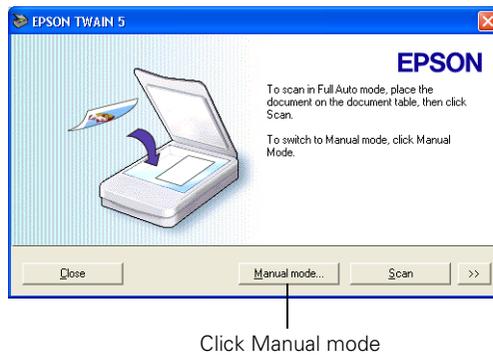
5. Start EPSON TWAIN for scanning. Open the File menu and choose **Import** or **Acquire** and if necessary, select **TWAIN_32 (Windows)** or **EPSON TWAIN 5 (Macintosh)**.



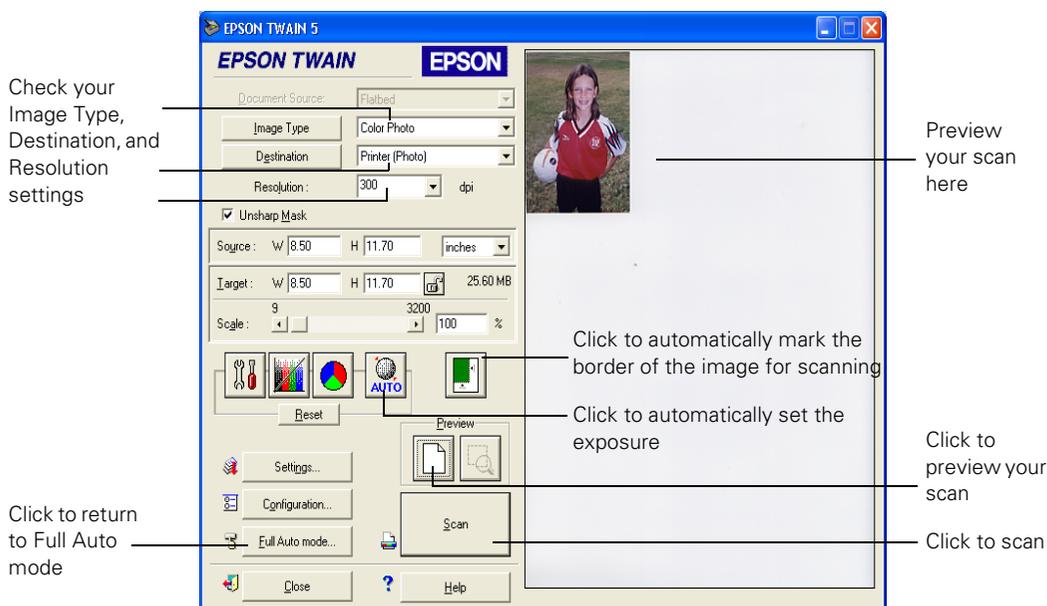
6. Click **Cancel** when you see the following screen.



7. On the next screen, click the **Manual mode** button.



You see the EPSON TWAIN settings dialog box:



8. Make sure the **Image Type**, **Destination**, and **Resolution** settings are correct for the type of image you're scanning and the way you'll be printing or viewing it.
9. Click the  **Preview** button to preview your scanned image.
10. Click the  **Auto Locate** button to place a border (or marquee) around your image so only your image is scanned. You can adjust the border as necessary.
11. Click the  **Auto Exposure** button to have TWAIN automatically adjust the exposure settings for your image.
12. Make any other changes you want, then click the **Scan** button. Your image is automatically scanned and optimized.

Note: For detailed information on EPSON TWAIN settings, click the **Help** button.

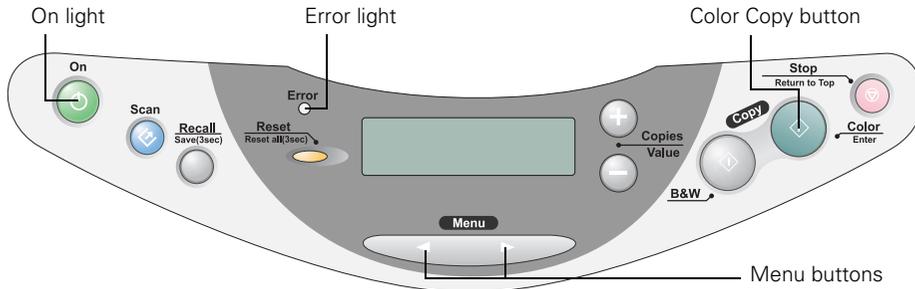
13. If you want to switch back to Full Auto mode, click the **Full Auto mode** button.
14. Click **Close** to close the EPSON TWAIN 5 window and return to your scanning application screen. Your scanned image appears on the screen so you can modify it, save it, print it, or use it as you like.

Cleaning the Print Head

If your printouts are unexpectedly light, or dots or lines are missing, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

Note: You can also use a printer software utility to clean the print head right from your computer. Select the **?** or **Help** button on your printer settings window for instructions running the print head cleaning utility.

1. Make sure the EPSON Stylus CX3200 is turned on but not printing, and the **Error** light is off. (If the **Error** light is flashing or on, you may need to replace an ink cartridge; see [Replacing an Ink Cartridge](#) for details.)



2. Press a **Menu** button until you see **Head Cleaning** on the LCD screen.
3. Press the **Color Copy** button.

Cleaning takes about 30 seconds, during which the Stylus CX3200 makes some noise and the **On** light flashes briefly.

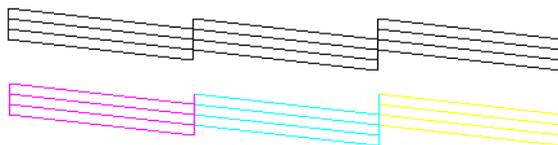
Caution: Never turn off the EPSON Stylus CX3200 while the **On** light is flashing, unless the Stylus CX3200 hasn't moved or made noise for more than 5 minutes.

4. When the **On** light stops flashing, run a nozzle check to confirm the print head nozzles are clean.

Make sure paper is loaded, press a **Menu** button until you see **Nozzle Check** on the LCD screen, and press the **Color Copy** button. The nozzle check pattern prints.

Note: You can also use a printer software utility to print a nozzle check right from your computer. Select the **?** or **Help** button on your printer settings window for instructions running the nozzle check utility.

5. Examine the nozzle check pattern you print. It should look something like this:



Each staggered line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If you see any gaps in the dot pattern, clean the print head again.

6. When you're finished, press the **Stop** button.

If you don't see any improvement after cleaning three or four times, check the solutions in [Problems and Solutions](#). You can also turn the EPSON Stylus CX3200 off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

Caution: When you don't turn on your EPSON Stylus CX3200 for a long time, the print quality can decline. It's a good idea to turn on your EPSON Stylus CX3200 at least once a month to maintain good print quality.

Purchasing Ink Cartridges

Use these EPSON ink cartridges within six months of installing them and before the expiration date on the package:

- Black ink cartridge: T040120
- Color ink cartridge: T041020

Caution: To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your EPSON Stylus CX3200 not covered by EPSON's warranty.

When you need new ink cartridges, contact your dealer, or call the EPSON Store at (800) 873-7766 or visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Replacing an Ink Cartridge

- [Checking the Ink Supply](#)
- [Ink Cartridge Precautions](#)
- [Removing and Installing Ink Cartridges](#)

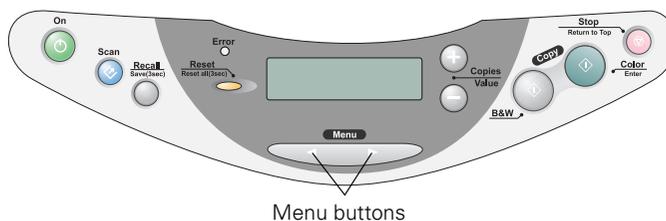
Checking the Ink Supply

If the Error light on the EPSON Stylus CX3200 is flashing and you see an ink low or ink out message on the LCD screen and your computer monitor, you need to replace one of the cartridges.

When a cartridge is more than six months old, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge.

To check your ink supply, do one of the following:

- Press a **Menu** button on the control panel until you see **Ink Levels**. This gives you an approximate percentage of ink remaining in each cartridge. You can also check the  icon on the LCD screen to see an approximate indication of the ink level.



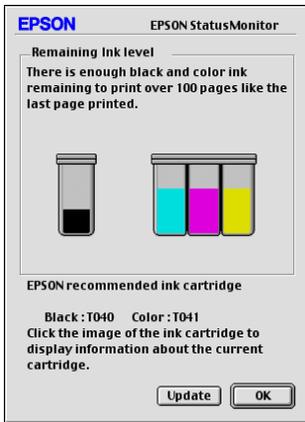
- **Windows:** Double-click the  printer icon in the lower right corner of your screen. If a cartridge is low on ink, you'll see a message in the window that appears on your screen.

■ **Macintosh:**

OS 8.6 to 9.x: Choose File > Print. Click the  ink icon.

OS X: Choose Applications > EPSON Printer Utility > CX3200 > Status Monitor.

You see a window like this:



Click a cartridge image to display information about the cartridge.

Ink Cartridge Precautions

Warning: Keep ink cartridges out of the reach of children and do not drink the ink.

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them thoroughly with water.

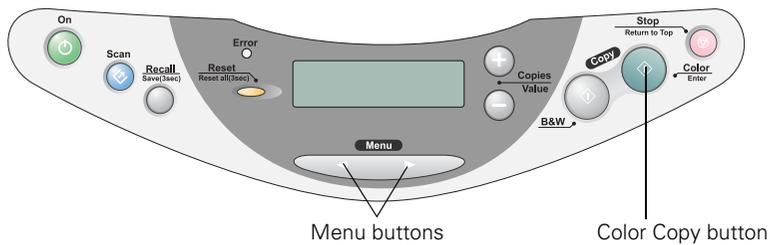
Caution: To avoid damaging the EPSON Stylus CX3200, never move the print head by hand.

You cannot print if either ink cartridge is empty. Leave the empty cartridge installed in the EPSON Stylus CX3200 until you have obtained a replacement. Otherwise the ink remaining in the print head nozzles may dry out.

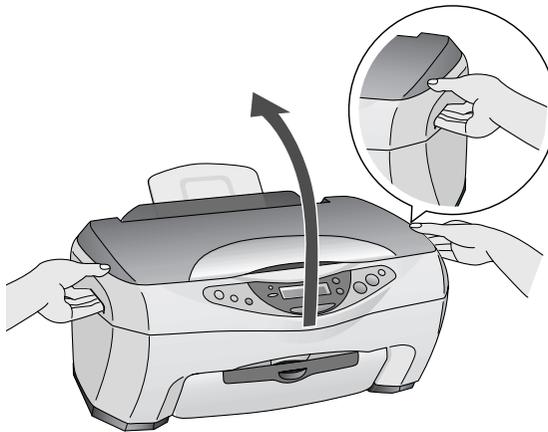
Removing and Installing Ink Cartridges

Be sure you have a new ink cartridge before you begin. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

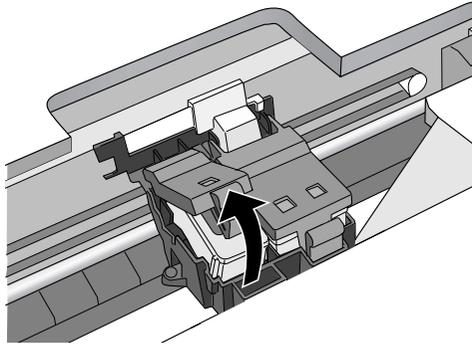
1. Make sure the EPSON Stylus CX3200 is turned on and not printing. The control panel tells you which ink cartridge is low or empty.
2. Press a **Menu** button until you see **Change Cartridge**, then press the **Color Copy** button. The ink cartridges move to the replacement position.



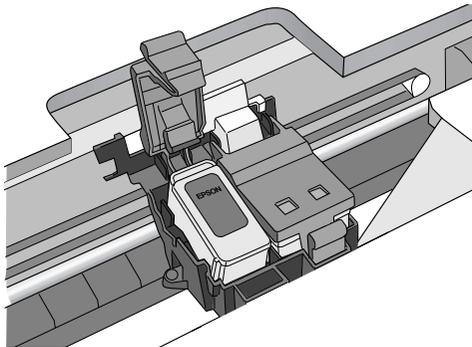
3. Lift up the scanner.



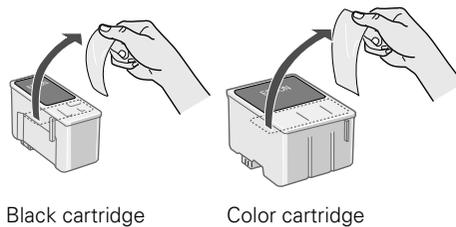
4. Pull up the ink cartridge clamp. (The color cartridge is on the right and the black is on the left.)



5. Lift the cartridge out of the EPSON Stylus CX3200 and dispose of it carefully.



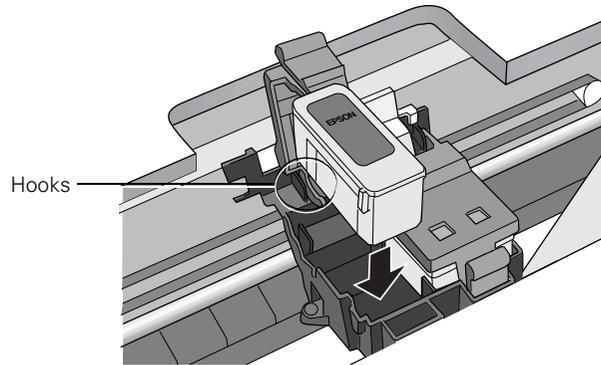
6. Unwrap the new ink cartridge. Then remove *only* the yellow tape seal on top.



Caution: You must remove the yellow tape from the top of the cartridge or you will permanently damage it.

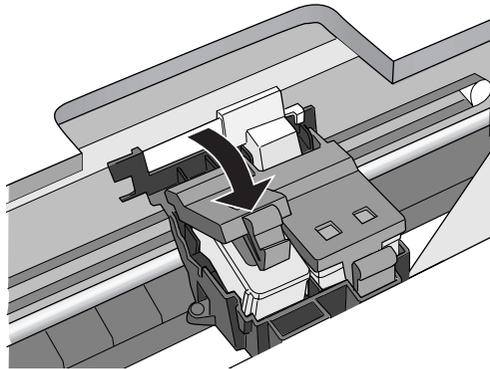
Don't touch the green circuit board on the back of the cartridge; you may inhibit normal operation and printing.

7. Lower the new cartridge into its holder and rest the tabs on the hooks in the back.



Caution: Don't place the cartridge under the hooks; you may damage the clamp when you close it.

8. Press down firmly on the ink cartridge clamp until it snaps in place.



If you need to replace the other ink cartridge, repeat steps 4 through 8 before continuing with step 9.

9. Carefully lower the scanner and press it down until it clicks into place. The EPSON Stylus CX3200 begins charging the ink delivery system.

The **On** light flashes and the EPSON Stylus CX3200 makes noise. Charging takes about 30 seconds. When it's finished, the **On** light stops flashing and stays on.

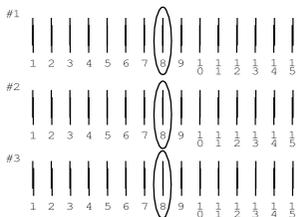
Caution: Never turn off the EPSON Stylus CX3200 while the **On** light is flashing, unless the Stylus CX3200 hasn't moved or made noise for more than 5 minutes.

Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head.

Note: You can also use a printer software utility to align the print head right from your computer. Select the **?** or **Help** button on your printer settings window for instructions running the print head alignment utility.

1. Make sure the EPSON Stylus CX3200 is turned on and not printing, and the **Error light** is off.
2. Load plain, letter-size paper in the sheet feeder.
3. Press a **Menu** button until you see **Head Alignment**, then press the **Color Copy** button to print an alignment page.
4. On the test page, select the pattern with the two vertical lines most precisely printed on top of each other. You may need to use a magnifying glass or loupe.



Select one pattern each for rows 1, 2, and 3. (In this example, pattern 8 is the best in each row.)

5. Press the **+** or **- Value** buttons to select the number of the best pattern for the first row, then press the **Color Copy** button. Repeat this step for the second and third rows.

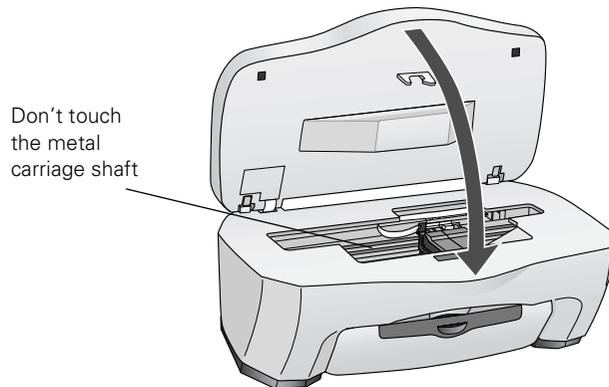
Note: If you select a pattern other than 8 in any row, that pattern becomes pattern #8 the next time you align the print head.

6. When you're finished, press the **Stop** button.

Cleaning the EPSON Stylus CX3200

To keep your EPSON Stylus CX3200 operating at its best, you should clean it periodically.

1. Turn off the EPSON Stylus CX3200, unplug the power cord, and disconnect the USB cable.
2. Remove all the paper from the sheet feeder.
3. Clean the exterior with a soft, damp cloth. (Keep the scanner and scanner lid closed as you clean.)
4. If necessary, lift up the scanner and clean ink out of the interior with a soft, damp cloth.



5. Carefully lower the scanner and press it down until it clicks into place.
6. If the document table glass gets dirty, clean it with a soft, dry, lint-free cloth. Paper towels are not recommended for cleaning the glass. (Be sure there's no dust on your document table; it can cause white spots to appear in your scanned image.)

If the glass is stained with grease or other hard-to-remove material, use a small amount of glass cleaner on a soft cloth to remove it. Wipe off any remaining liquid with a dry cloth. Don't spray glass cleaner onto the document table glass.

Warning: Don't touch the gears inside the EPSON Stylus CX3200.

Caution: Be careful not to wipe the metal carriage shaft.

Never use a hard or abrasive brush, or alcohol or thinner for cleaning; they can damage the printer components, document table, LCD panel, and case.

Don't get water on the components and don't spray lubricants or oils inside the EPSON Stylus CX3200.

Don't spray glass cleaner onto the document table glass.

Don't use any cleaning sheets included with special paper; they may jam inside the EPSON Stylus CX3200.

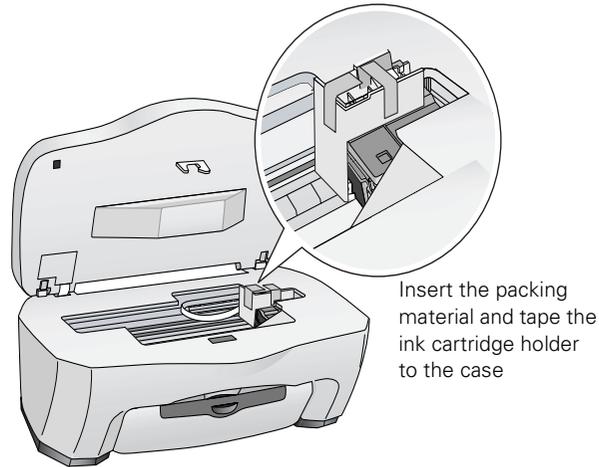
Transportation

If you move your EPSON Stylus CX3200 some distance, you need to prepare it for transportation in its original box or one of a similar size.

Caution: To avoid damage, always leave the ink cartridges installed when transporting the EPSON Stylus CX3200. Never transport or store the Stylus CX3200 on its side or in a tilted or upside-down position.

1. Press the **On** button to turn on the EPSON Stylus CX3200 and wait until the scanner carriage moves to the home position (toward the left side) and the print head locks in the far right position, then turn it back off.
2. Open the scanner lid and slide the transportation lock to the  locked position.
3. Unplug the power cord from the electrical outlet. Then disconnect the USB cable.
4. Remove any paper from the sheet feeder and output tray, then remove the paper support and feeder guard.
5. Lift up the scanner.

6. If you still have the packing insert, slide it down into the area beside the ink cartridge holder and tape it to the EPSON Stylus CX3200 case. If you don't have the insert, just tape the cartridge holder to the EPSON Stylus CX3200 case.



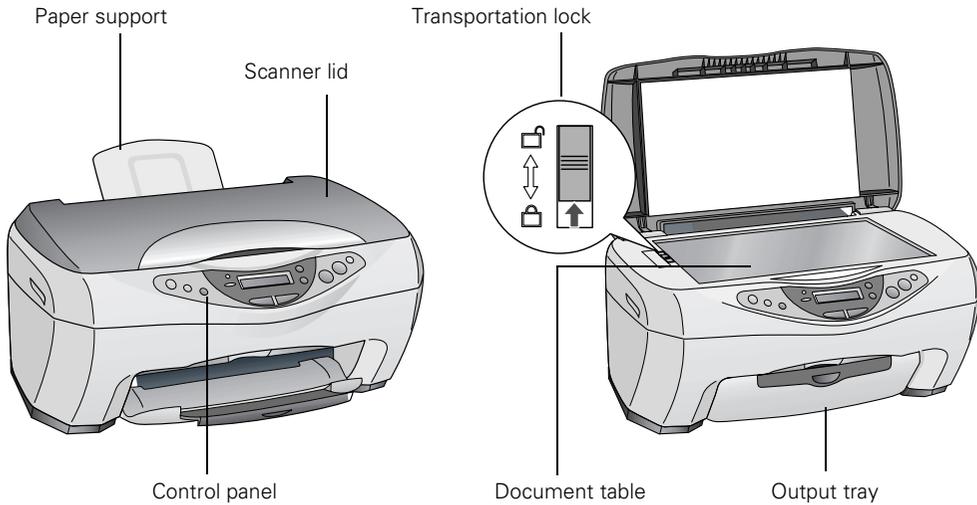
Caution: Be sure to remove the tape and packing insert after installing the EPSON Stylus CX3200 in its new location.

7. Close the scanner carefully until it clicks back into place, then close the output tray.
8. Repack the EPSON Stylus CX3200 and its attachments in the original box using the protective materials that came with them.

Keep the EPSON Stylus CX3200 level as you transport it.

After transporting the EPSON Stylus CX3200, remove the tape securing the print head, unlock the transportation lock, and make a test copy. If you notice a decline in quality, clean the print head (see [Cleaning the Print Head](#)); if output is misaligned, align the print head (see [Aligning the Print Head](#)).

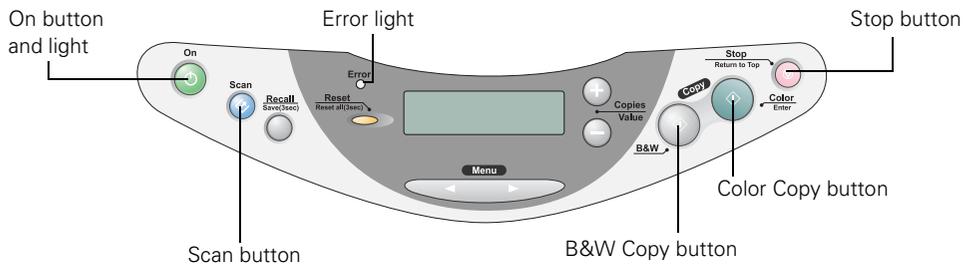
EPSON Stylus CX3200 Parts



Diagnosing Problems

- Checking the Control Panel
- Printing a Nozzle Check

Checking the Control Panel



Here is a list of control panel error messages and what you can do when you see them.

Error message	Solution
No color or black ink cartridge -- > Press the Color Copy button to install a new ink cartridge.	The indicated ink cartridge is not installed. See Replacing an Ink Cartridge to install a cartridge.
Color or black ink out -- > Press the Color Copy button to begin replacing the ink cartridge.	The indicated ink cartridge is out of ink. See Replacing an Ink Cartridge to replace the cartridge.
Ink cartridge error -- > Press the Color Copy button to begin replacing the ink cartridge.	There is something wrong with the ink cartridge. See Replacing an Ink Cartridge to replace the cartridge.
Paper jam or misfeed -- > Press the Color Copy button and clear the paper jam by hand if necessary.	Paper is jammed. Press the Color Copy button to clear the jam. If it is still jammed, see Paper .
Paper out -- > Load paper in the sheet feeder and press the Color Copy button.	Load paper in the sheet feeder, then press the Color Copy button to continue printing.
Scanner unit open -- > Close the scanner unit.	Carefully close the scanner and press it down until it clicks securely into place.
Scanner error -- > See your documentation and call service if necessary.	Press the On button to turn off the EPSON Stylus CX3200. Unlock the transportation lock, if necessary (see Transportation). Turn on your Stylus CX3200 again. If the error message still appears, contact your dealer or EPSON as described in Where To Get Help .
Printer error -- > See your documentation and call service if necessary.	Press the On button to turn off the EPSON Stylus CX3200, then press it to turn it back on. If the message still appears, contact your dealer or EPSON as described in Where To Get Help .

Printing a Nozzle Check

You can print a nozzle check to determine whether a problem comes from the EPSON Stylus CX3200 or some other source.

1. Make sure letter-size or larger paper is loaded in the sheet feeder.
2. Press a **Menu** button on the control panel until you see **Nozzle Check**.

3. Press the **Color Copy** button.

If the check page prints, the problem probably lies in your software settings, the interface cable, or your computer.

If the check page doesn't print, you may have a problem with your printer. Try the suggestions in [Problems and Solutions](#).

Problems and Solutions

- [Setup and Software Installation](#)
- [Printing and Copying](#)
- [Scanning](#)
- [Paper](#)
- [Print Quality](#)
- [Miscellaneous Printing](#)
- [Scan Quality](#)

Setup and Software Installation

Tip: It's a good idea to check EPSON's web site periodically for possible updates to your software. Visit <http://support.epson.com> and check the section for your product to see if there is new software available for downloading to your computer.

The EPSON Stylus CX3200 makes noise after ink cartridge installation.

- When you install ink cartridges, the Stylus CX3200 must charge its ink delivery system. Wait until it's finished (the **On** light stops flashing) before you turn it off or it may use excess ink the next time you turn it on.
- Make sure the ink cartridge clamps are locked down and no packing material remains in the EPSON Stylus CX3200. Turn off the Stylus CX3200, wait a moment, then turn it back on.

You cancelled software installation or connected the EPSON Stylus CX3200 at the wrong time.

Your EPSON software may be incorrectly installed. See [Uninstalling Software](#) to uninstall your software. Make sure you carefully follow the steps on your *Start Here* sheet when you reinstall your software. You need to connect the Stylus CX3200 at the correct time.

You're having problems installing the software.

- Make sure your system meets the requirements listed in the *Requirements and Notices* booklet. Close other programs, including screen savers and virus protectors, and install again.
- Make sure that the Universal Serial Bus (USB) Controller is working properly in Device Manager; see your Windows help system for details.
- If you see an error message or the software doesn't install correctly on Windows XP or Windows 2000, you may not have software installation privileges.
- If the CX3200 icon doesn't appear in the Macintosh Chooser, you may have too many items in the Chooser. Delete any unused items.
- If you're printing over a network, see [Setting Up Network Printing](#) for instructions on configuring your EPSON Stylus CX3200.

Printing and Copying

Only the On light is on, but nothing prints.

- Make sure the USB cable is securely connected at both ends and meets the system requirements listed in the *Requirements and Notices* booklet.
- If you're using a USB hub, try connecting the Stylus CX3200 directly to your computer's USB port instead.
- Run a nozzle check as described in [Printing a Nozzle Check](#). If the check page prints, make sure the EPSON Stylus CX3200 software is installed correctly on your computer.
- If you're printing on a network, you need to set up your EPSON Stylus CX3200 for network printing, as described in [Setting Up Network Printing](#).

It sounds like the EPSON Stylus CX3200 is printing, but nothing prints.

- The print head nozzles may need cleaning; see [Cleaning the Print Head](#) for instructions.
- The Stylus CX3200 won't operate properly if it's tilted. Place it on a flat, stable surface.

Your EPSON Stylus CX3200 makes noise when you turn it on.

Your EPSON Stylus CX3200 is performing routine maintenance.

Printing or copying is too slow.

Make sure your system meets the requirements listed in the *Requirements and Notices* booklet. If you're printing a high-resolution image, you need more than the minimum requirements. You may also need to:

- Clear space on your hard disk or run a defragmentation utility.
- Close open programs that you're not using.
- Increase your system's memory (RAM).

For the fastest printing:

- Select **Draft** as the Quality Type (Windows) or set the Quality/Speed slider to **Speed** (Macintosh) in your printer software.
- If your document doesn't include color, choose **Black Ink Only** (Windows) or **Black ink** (Macintosh) in your printer software (see [Basic Windows Printing](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#)), or press the **B&W Copy** button (see [Changing Copy Settings](#)).
- Turn **MicroWeave**[®] off (Macintosh) and **High Speed** on in your printer software.
- If your EPSON Stylus CX3200 is connected to a USB hub, disconnect any unused USB devices.

The margins are incorrect.

- Make sure your paper settings are correct for your paper size. See [Basic Windows Printing](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#).

- Choose the correct margins for your paper size. The margins must be within the printable area of the page; see [Printable Area](#).
- Make sure your paper is positioned on the right side of the sheet feeder with the left edge guide lightly against its left side. Don't load paper above the arrow on the left edge guide.

The printer prints blank pages.

- Make sure your paper settings are correct for your paper size. See [Basic Windows Printing](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#).
- The print head nozzles may need cleaning; see [Cleaning the Print Head](#) for instructions.

Scanning

Your system doesn't recognize the EPSON Stylus CX3200.

Make sure your Stylus CX3200 is connected to your computer and plugged into a power source.

The fluorescent lamp isn't on.

- The EPSON Stylus CX3200 has a power saving function (sleep mode); it comes on when you start scanning.
- Make sure the EPSON Stylus CX3200 is plugged into a power outlet.

The EPSON Stylus CX3200 doesn't scan.

- Wait until the fluorescent lamp stays on (ready for scanning). You may need to preview your scan to make the lamp come on.
- If you are using a USB hub, try connecting the EPSON Stylus CX3200 directly to the computer's USB port. Use only the USB cable that came with your Stylus CX3200.
- If you see your EPSON Stylus CX3200 in the Windows Control Panel, but you can't scan, uninstall and reinstall its software; see [Uninstalling Software](#).

The EPSON Stylus CX3200 scanning software doesn't work properly.

- Make sure your computer meets the system requirements listed in the *Requirements and Notices* booklet and supports the software applications you're using.
- Check if your computer has enough memory for your software. If you're running other software at the same time, the computer may not have enough memory. Try closing any open applications, including screen savers and virus protection programs.
- If you're scanning a large image or scanning at a high resolution, your computer may not have enough memory to process the image.
- Check your software installation. If all else fails, uninstall your software, then reinstall it; see [Uninstalling Software](#).
- If you're using the **Scan** button make sure Smart Panel and your operating system are set up for scanning using the button. Click the ? button on the Smart Panel main window for instructions.

Paper

Too many copies are printing.

Make sure that the **Copies** setting in your printer software and/or printing software aren't set for multiple copies.

Paper doesn't feed correctly or jams in the printer.

- If paper doesn't feed, remove it from the sheet feeder. Fan the paper, load it against the right side, and slide the left edge guide lightly against it.
- If paper jams, turn off your printer, open the scanner, and remove any paper that's inside, including any small pieces that may have torn off. Carefully reload paper and press the **Color Copy** button.

Paper doesn't eject fully or is wrinkled.

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the **Color Copy** button to eject the paper, then select the correct paper size in your software.

- If it's wrinkled when it ejects, the paper may be damp or too thin. Load new paper.

Print Quality

You see banding (light lines).



- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- Select the correct Type (Windows) or Media Type (Macintosh) setting for the paper you loaded; see [Selecting Your Media Type](#).
- Select a higher print quality and turn off **High Speed** mode; see [Customizing Windows Print Settings](#) or [Customizing Macintosh Print Settings](#).
- Make sure the printable side of the paper is face up.
- The ink cartridges may need replacing; see [Replacing an Ink Cartridge](#).
- Try using Automatic mode (Macintosh); see [Printing With Macintosh OS 8.6 to 9.x](#) or [Printing With Macintosh OS X](#).
- Align the print head; see [Aligning the Print Head](#) for instructions.

Your printout is blurry or smeared.



- Make sure your paper isn't damp, curled, or loaded face down (the printable side should be face up). Load new paper face up.
- Use a support sheet with special paper or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in [Paper](#).
- Align the print head; see [Aligning the Print Head](#) for instructions.
- Use EPSON papers for proper saturation and absorption of genuine EPSON inks.

Your printout is faint or has gaps.



- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- The ink cartridges may be old or low on ink; see [Replacing an Ink Cartridge](#).
- Select the correct Type (Windows) or Media Type (Macintosh) setting for your paper; see [Selecting Your Media Type](#).

- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, load new paper face up.

Your printout is grainy.

- Use a higher quality paper or select a higher Quality Type (see [Customizing Windows Print Settings](#)) or Print Quality (see [Customizing Macintosh Print Settings](#)).
- Align the print head. See [Aligning the Print Head](#) for instructions.
- Increase the image resolution or print it in a smaller size; see your software documentation.

You see wrong or missing colors.



- Make sure **Black Ink Only** is off (Windows) or **Color** ink is selected (Macintosh), even when you're printing black and white photographs.
- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- The ink cartridges may be old or low on ink; see [Replacing an Ink Cartridge](#).
- Try turning off PhotoEnhance.™ Also check if you're using a special effect that alters image colors, like Sepia.
- Try using Automatic mode (Macintosh); see [Printing With Macintosh OS 8.6 to 9.x](#) or [Printing With Macintosh OS X](#).
- Try changing the Gamma setting; see [Customizing Windows Print Settings](#) or [Customizing Macintosh Print Settings](#).

- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system—such as ICM (Windows; see [Customizing Windows Print Settings](#)) or ColorSync (Macintosh; see [Customizing Macintosh Print Settings](#)) to get as close as possible.

Miscellaneous Printing

You see incorrect characters.

- Make sure the USB cable is securely connected and that it meets the system requirements in the *Requirements and Notices* booklet.
- Make sure your EPSON Stylus CX3200 is selected in your application, or as the Windows default printer.

The image size or position is incorrect.

Make sure the paper and/or layout options are set correctly. Click the ? or Help button on your printer settings window for more information.

The image is inverted, as if viewed in a mirror.

- Turn off Flip Horizontal in the printer software or the mirror setting in your application software. (If you're printing on EPSON Iron-On Transfer Paper, the image should be inverted so it looks correct when it's ironed on.)
- If a copy is inverted, make sure **Mirror** isn't selected as the Copy Mode setting; see [Type of Copies](#).

Scan Quality

Your scanned image is blurry or distorted.



- Make sure the document is placed flat against the document table glass. If only part of the image is blurred, your document may be wrinkled or warped.
- Try scanning at a higher resolution, and make sure the correct Image Type, Exposure, and Gamma setting is selected in EPSON TWAIN. Click the **Help** button on the EPSON TWAIN window for details.
- Make sure the document table glass is clean; see [Cleaning the EPSON Stylus CX3200](#).
- Make sure the Stylus CX3200 is not tilted or placed on an unstable or uneven surface.

Your image is too dark.



- Try adjusting the brightness with your application software. Also check the brightness and contrast values of your display screen.
- The dark area around film is perceived as white, altering the exposure of the scanning area and causing your scans to appear darker. Set the correct color by adjusting the border (marquee) so only your image is selected. Click **Help** in the EPSON TWAIN settings dialog box for details.
- Change the Display Gamma setting and check the Destination setting in EPSON TWAIN. Click **Help** in the EPSON TWAIN settings dialog box for details.

Only part of the image is scanned.



- The document table has non-readable areas around the edges. Reposition your document into the readable area, as described on [Placing Your Original Document](#).
- If you're using Full Auto Mode, try using Manual Mode. See [Advanced Scanning](#) for instructions.

The image does not look the same as the original.

- Your image and display settings may not be correct for your document type. Click **Help** in the EPSON TWAIN settings dialog box for details.
- Your monitor and printer use different technologies to represent colors, so your printed colors can't match your screen colors exactly. Try increasing your monitor's color palette to view a greater range of colors.

The scanner doesn't recognize your image type when scanning in Full Auto mode.

Try scanning the image again. If that doesn't work, scan in Manual mode. See [Advanced Scanning](#) for instructions.

The file size is too big.

Adjust your scan settings. Try selecting a lower resolution (dpi), saving the file in a different format, or scan only part of the image. 300 dpi is typically an adequate resolution for images that will be printed.

The printed image is larger or smaller than the original size.

You have changed the resolution or scaled your image. The image size settings in your software determine the size of the printed image.

A dotted line appears in the image.

- If this happens on both your screen and printout, clean the document table as described on [Cleaning the EPSON Stylus CX3200](#).
- If the line is just on your printout, you may need to clean your print head, see [Cleaning the Print Head](#).

Uninstalling Software

- [Windows XP or 2000](#)
- [Windows Me or 98](#)

Windows XP or 2000

1. Make sure your EPSON Stylus CX3200 is plugged in and connected to your computer.
2. In Windows XP, click **Start**, right-click **My Computer**, and click **Properties**.
In Windows 2000, right-click **My Computer** and click **Properties**.

3. Select the **Hardware** tab, then click **Device Manager**.
4. Click the plus (+) sign next to **Imaging devices** or **Other devices**. If a question (?) mark or an exclamation (!) mark appears next to the **EPSON Stylus CX3200** name, right-click the name, and then select **Uninstall**.



5. Disconnect the USB cable from the EPSON Stylus CX3200.
6. Click **Start > Programs** or **All Programs > EPSON Smart Panel > Uninstall EPSON Smart Panel** and follow the instructions on the screen.
7. When the Smart Panel uninstall is complete, click **Start > Control Panel** (Windows XP) or **Start > Settings > Control Panel** (Windows 2000). Double-click **Add/Remove Programs**.
8. Choose **EPSON Copy Utility**, then click **Add/Remove** or **Change/Remove** and follow the instructions on the screen. Repeat this step to remove these programs too:
 - EPSON User's Guide
 - EPSON Photo Print
 - EPSON Printer Software
 - EPSON TWAIN 5
 - ScanToWeb
9. Follow the installation steps on the *Start Here* sheet to reinstall your software.

Windows Me or 98

1. Disconnect the USB cable from the EPSON Stylus CX3200.
2. Click **Start > Programs > EPSON Smart Panel > Uninstall EPSON Smart Panel** and follow the instructions on the screen.
3. Click **Start > Settings > Control Panel**. Double-click **Add/Remove Programs**.
4. Choose **EPSON Copy Utility**, then click **Add/Remove** or **Change/Remove** and follow the instructions on the screen. Repeat this step to remove these programs too:
 - EPSON User's Guide
 - EPSON Photo Print
 - EPSON Printer Software
 - EPSON TWAIN 5
 - EPSON USB Printer Devices
 - ScanToWeb
5. Follow the installation steps on the *Start Here* sheet to reinstall your software.

Setting Up Network Printing

- [Windows XP and 2000](#)
- [Windows Me and 98](#)
- [Macintosh](#)

Windows XP and 2000

This section tells you how to set up the EPSON Stylus CX3200 so that other computers on the network can print to it.

Note: This section is for small network users only. If you are on a large network and would like to share the EPSON Stylus CX3200, consult your network administrator.

To install software programs in Windows 2000, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group).

To install software programs in Windows XP, it is necessary to log on with a Computer Administrator account. You cannot install software programs if you log on as a Limited account user. After you install Windows XP, the user account is set as a Computer Administrator account.

The images that are provided in the following section pertain to Windows 2000.

First, you need to set up the EPSON Stylus CX3200 as a shared printer on the computer to which it is connected. Then, you must add the EPSON Stylus CX3200 to each computer that will access it through the network.

Setting Up a Shared Printer

To share the EPSON Stylus CX3200 with other computers on a network, follow the steps below to configure the computer to which it is connected.

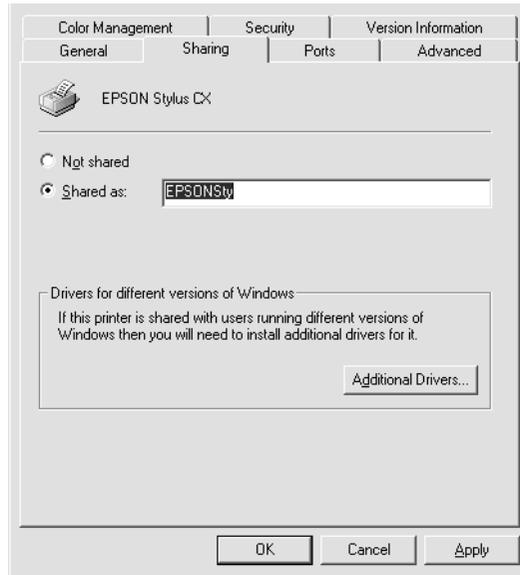
1. For users of Windows 2000, click **Start**, point to **Settings**, and then click **Printers**.

For Windows XP users, double-click **Printers and Faxes** in Control Panel.

2. Right-click the icon for the EPSON Stylus CX3200, then click **Sharing**.

3. Select **Shared as** (Windows 2000) or **Share this printer** (Windows XP), then type a name for the shared printer.

Note: Do not use spaces or hyphens in the shared printer name.



If you want Windows XP or 2000 to automatically download printer drivers to computers that are running different versions of Windows, click **Additional Drivers** and select the environment and the operating systems for the other computers. Click **OK**, then insert the printer software CD into the CD-ROM drive. Select the folder for Windows Me or 98. Click **OK** to install the additional drivers.

4. Click **OK**, or click **Close** if you installed additional drivers.

Accessing a Network Printer

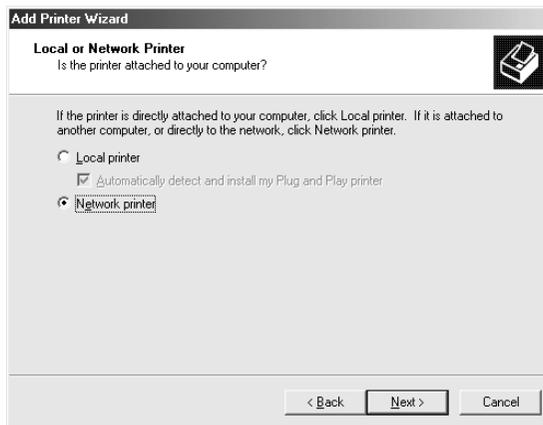
To print to the EPSON Stylus CX3200 from other computers on a network, you must first add it to each computer that will access it. Follow the steps below.

Note: The EPSON Stylus CX3200 must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer. For instructions, see [Setting Up a Shared Printer](#).

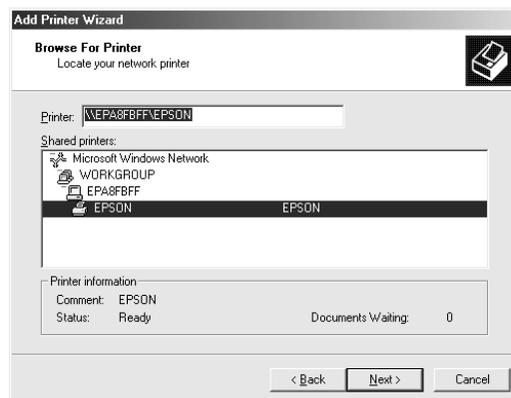
1. For users of Windows 2000, click **Start**, point to **Settings**, and then click **Printers**.

For Windows XP users, double-click **Printers and Faxes** in Control Panel.

2. Double-click the **Add Printer** icon. The Add Printer Wizard opens.
3. Click **Next**.
4. Select **Network printer**, then click **Next**.



5. On the next screen, click **Next**.
6. Double-click the icon of the computer that is directly connected to the EPSON Stylus CX3200. Then, click the icon for the EPSON Stylus CX3200.



7. Click **Next** and follow the on-screen instructions.

Note: Depending on the operating system and the configuration of the computer to which the EPSON Stylus CX3200 is connected, the Add Printer Wizard may prompt you to install the printer driver from the printer software CD. In this case, click the **Have Disk** button and follow the on-screen instructions.

Windows Me and 98

This section tells you how to set up the EPSON Stylus CX3200 so that other computers on a network can print to it.

First, you need to set up the EPSON Stylus CX3200 as a shared printer on the computer to which this product is connected. Then, you must add the EPSON Stylus CX3200 to each computer that will access it through the network.

Note: This section describes how to use the EPSON Stylus CX3200 as a shared printer on a network. To connect it directly to a network without setting it up as a shared printer, consult your network administrator.

Setting Up a Shared Printer

To share the EPSON Stylus CX3200 with other computers on a network, follow the steps below to configure the computer to which it is connected.

1. Click **Start**, point to **Settings**, then click **Control Panel**.
2. Double-click the **Network** icon.
3. Click the **File and Print Sharing** button.
4. Select the **I want to be able to allow others to print to my printer(s)** check box and click **OK**.



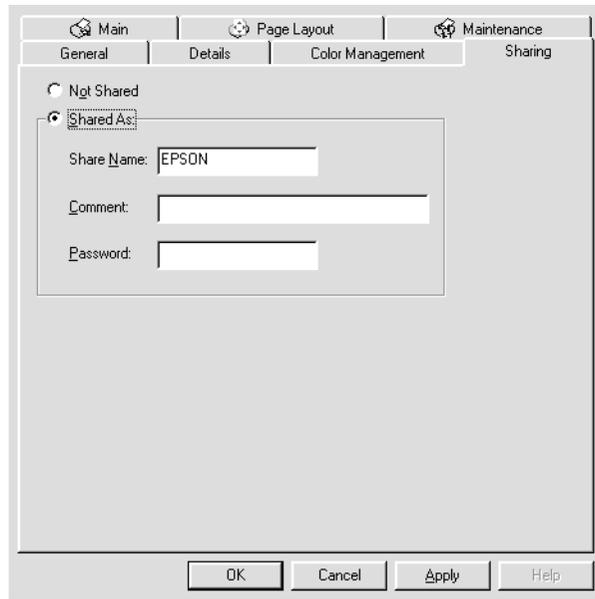
5. In the **Network** dialog box, click **OK**.

6. In the Control Panel, double-click the **Printers** icon.

Note: If a dialog box requesting the insertion of the Windows Me or 98 CD-ROM appears, insert the CD into the CD-ROM drive and follow the on-screen instructions.

If a dialog box requesting that you to restart your computer appears, do so. Then, open the Printers folder, and continue from step 7.

7. Select the icon for this product in the Printers folder, then click **Sharing** on the File menu.
8. Select **Shared As**, then type the information of this product as required and click **OK**.



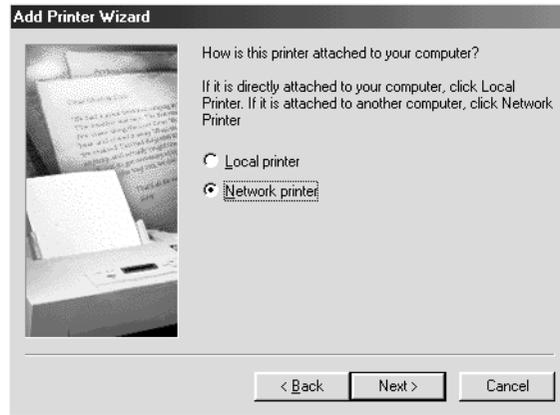
Accessing a Networked Printer

To print to the EPSON Stylus CX3200 from other computers on a network, you must first add it to each computer that will access it. Follow the steps below.

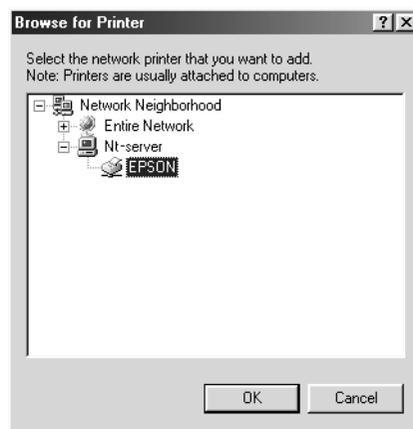
Note: The EPSON Stylus CX3200 must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer. For instructions, see [Setting Up a Shared Printer](#).

1. Click **Start**, point to **Settings**, and click **Printers**.

2. Double-click the **Add Printer** icon. The Add Printer Wizard opens.
3. Click **Next**.
4. Select **Network printer**, then click **Next**.



5. On the next screen, click **Browse**.
6. Double-click the icon of the computer that is directly connected to the EPSON Stylus CX3200. Then, click the icon for the EPSON Stylus CX3200.



7. Click **OK** and follow the on-screen instructions.

Macintosh

This section tells you how to set up the EPSON Stylus CX3200 so that you can print to it on an AppleTalk network. By setting up the EPSON Stylus CX3200 as a shared printer, your local printer is connected to the network and can be used by other computers.

Note: This feature is not available with Mac OS X.

First, you need to set up the EPSON Stylus CX3200 as a shared printer on the computer to which it is connected. Then, you must specify the network path to the EPSON Stylus CX3200 from each computer that will use it, and install the printer software on those computers.

Setting Up a Shared Printer

To share the EPSON Stylus CX3200 with other computers on an AppleTalk network, follow the steps below to configure the computer to which it is connected.

1. Turn on the EPSON Stylus CX3200.
2. Choose **Chooser** from the Apple menu and click the icon for the EPSON Stylus CX3200. Then, select the port to which the EPSON Stylus CX3200 is connected.
3. Click the **Setup** button. The Printer Sharing Setup dialog box opens.
4. Select the **Share this Printer** check box, then type the printer name and password information as necessary.
5. Click **OK**. The name of the shared printer appears in the port list in the Chooser.
6. Close the Chooser.

Accessing a Networked Printer

To access the EPSON Stylus CX3200 from other computers on a network, follow the steps in this section for each computer that will access it.

1. Turn on the EPSON Stylus CX3200.
2. Install the printer software from the EPSON Stylus CX3200 CD-ROM.

3. Choose **Chooser** from the Apple menu. Then, click the icon for the EPSON Stylus CX3200 and select the printer port that you want to use from the Select a printer port list.

Note: Only printers that are connected to your current AppleTalk zone are available.

4. If password dialog box appears, enter the password for the EPSON Stylus CX3200, then click **OK**.
5. Select the appropriate **Background Printing** radio button to turn background printing on or off.
6. Close the Chooser.

Where To Get Help

- [EPSON](#)
- [Other Software Technical Support](#)

EPSON

If you need help with the EPSON Stylus CX3200, Film Factory, EPSON TWAIN, or EPSON Scan to File, see the contact information below. See [Other Software Technical Support](#) if you need help with other software that came on your EPSON Stylus CX3200 CD-ROM.

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at http://support.epson.com . At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call (800) 922-8911 . Your EPSON SoundAdvice SM Express Code is 70420. Use this code to quickly select the EPSON Stylus CX3200 in SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: (562) 276-4382, 6 AM to 6 PM, Pacific Time, Monday through Friday
 - Canada: (905) 709-3839, 6 AM to 6 PM, Pacific Time, Monday through Friday
- Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus CX3200)
- Product serial number (located on the back)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from the EPSON Store at (800) 873-7766 or visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Other Software Technical Support

Software	Telephone	Fax	Online and E-mail
EPSON Smart Panel	(510) 445-8616	(510) 445-8601	tech@newssoftinc.com
ArcSoft PhotoImpression	(510) 440-9901 8:30 AM to 5:30 PM, Pacific Time, Monday through Friday	(510) 440-1270	www.arcsoft.com support@arcsoft.com

Specifications

- [Printing](#)
- [Paper](#)
- [Mechanical](#)
- [Ink Cartridges](#)
- [Scanning](#)
- [Electrical](#)
- [Environmental](#)
- [Standards and Approvals](#)
- [Interface Specifications](#)

Printing

Printing method	On-demand ink jet
Nozzle configuration	Monochrome (black) 144 nozzles Color (cyan, magenta, yellow), 144 nozzles (48 nozzles per color × 3)
Print direction	Bidirectional with logic seeking
Control code	ESC/P raster EPSON Remote
Input buffer	64KB

Paper

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot guarantee the quality of any non-EPSON brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single sheets

Size	A4 (8.3 × 11.7 inches) A5 (5.8 × 8.3 inches) A6 (4.1 × 5.8 inches) B5 (7.2 × 10.1 inches) Letter (8.5 × 11 inches) Half-letter (5.5 × 8.5 inches) Legal (8.5 × 14 inches) Executive (7.3 × 10.5 inches)
Paper type	Plain bond paper, special paper distributed by EPSON
Thickness (for plain bond paper)	0.003 to 0.004 inch (0.08 to 0.11 mm)
Weight (for plain bond paper)	17 lb (64 g/m ²) to 24 lb (90 g/m ²)

Envelopes

Size	132 × 220 (5.2 × 8.7 inches) No. 10 (4.1 × 9.5 inches) DL (4.3 × 8.7 inches) C6 (4.5 × 6.4 inches)
Paper type	Plain bond paper, air mail
Thickness	0.006 to 0.02 inch (0.16 to 0.52 mm)
Weight	12 lb (45 g/m ²) to 20 lb (75 g/m ²)

Ink Jet Cards

Size	A6 (4.1 × 5.8 inches)
Paper type	Special paper distributed by EPSON

Iron-On Transfer Paper

Size	Letter (8.5 × 11 inches)
Paper type	Special paper distributed by EPSON

Transparencies and Glossy Paper

Size	Letter (8.5 × 11 inches)
Paper type	Special paper distributed by EPSON

Self Adhesive Sheets

Size	A4 (8.3 × 11.7 inches)
Paper type	Special paper distributed by EPSON

Photo Paper and Glossy Photo Paper

Size	Letter (8.5 × 11 inches) 4 × 6 inches (101.6 × 152.4 mm) A4 (8.3 × 11.7 inches) Panoramic (8.3 × 23 inches)
Paper type	Special paper distributed by EPSON

Premium Glossy Photo Paper

Size	Letter (8.5 × 11 inches) 4 × 6 inches (101.6 × 152.4 mm) 5 × 7 inches (127 × 178 mm) 8 × 10 inches (203 × 254 mm)
Paper type	Special paper distributed by EPSON

Photo Stickers

Size	A6 (4.1 × 5.8 inches) with 16 frames
Paper type	Special paper distributed by EPSON

Matte Paper Heavyweight and Double-Sided Matte

Size	Letter (8.5 × 11 inches) 8 × 10 inches (203 × 254 mm)
Paper type	Special paper distributed by EPSON

Note: Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

Do not load curled or folded paper.

Use paper under normal conditions:

Temperature: 59 to 77 °F (15 to 25 °C)

Humidity: 40 to 60% RH

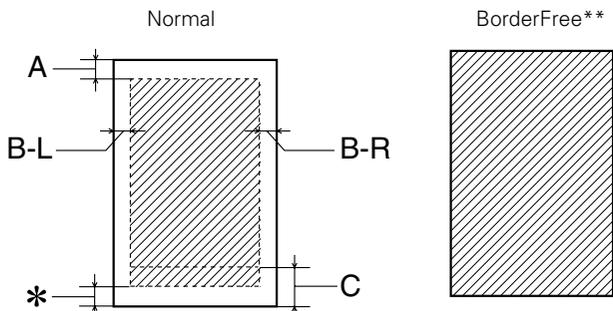
Store EPSON Photo Quality Self Adhesive Sheets under the following conditions:

Temperature: 59 to 86 °F (15 to 30 °C)

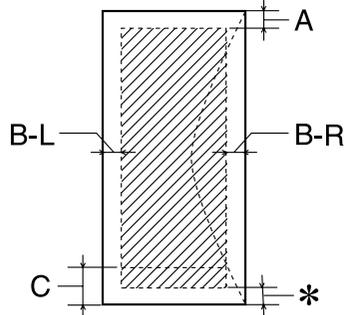
Humidity: 20 to 60% RH

Printable Area

Single sheets or cards



Envelopes



A:	The minimum top margin is 0.12" (3.0 mm).
B-L:	The minimum left margin is 0.12" (3.0 mm).
B-R:	The minimum right margin is 0.12" (3.0 mm).
C:	The minimum bottom margin is 0.55" (14.0 mm).
*	You can extend the minimum bottom margin to 0.12", however print quality may decline in the expanded area. Before printing large jobs using an extended margin setting, print a single sheet to confirm printout quality.
**	When printing with the BorderFree or Borderless feature, the print quality may drop in the top and bottom areas of the printout, or the area may be smeared.

Note: Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

Mechanical

Paper feed method	Friction
Paper path	Sheet feeder, rear entry
Sheet feeder capacity	About 100 sheets at 17 lb (64 g/m ²)
Dimensions	Width: 18.7 inches (475 mm) Depth: 15.3 inches (389 mm) Height: 9.25 inches (235 mm)
Weight	16.5 lb (7.5 kg) without the ink cartridges

Ink Cartridges

Black Ink Cartridge (T040120)

Color	Black
Print capacity*	600 pages/A4 (ISO/IEC 10561 Letter Pattern at 360 dpi)
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Transit: –22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C) Freezing:** 3.2 °F (–16 °C)
Dimensions	Width: 1.1 inches (28.1 mm) Depth: 2.6 inches (66.85 mm) Height: 1.5 inches (38.5 mm)

Color Ink Cartridge (T041020)

Color	Cyan, magenta, and yellow
Print capacity*	300 pages (A4, 360 dpi, 5% duty each color)
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Transit: –22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C) Freezing:** –0.4 °F (–18 °C)
Dimensions	Width: 1.7 inches (43.2 mm) Depth: 2.6 inches (66.85 mm) Height: 1.5 inches (38.5 mm)

* The figure given is based upon continuous printing after ink cartridge replacement. The actual print capacity may vary, depending on how often you use the print head cleaning function and how often you turn this product on.

** Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

Caution: EPSON recommends the use of original EPSON ink cartridges only. Other products not manufactured by EPSON may cause damage to this product not covered by EPSON's warranties.

Do not use an ink cartridge if the date on the package has expired.

Do not refill the ink cartridges. This product calculates the amount of ink remaining using an IC chip on the ink cartridge. Even if the cartridge is refilled, the amount of ink remaining will not be recalculated by the IC chip and the amount of ink available for use will not change.

Scanning

Scanner type	Flatbed color image scanner
Photoelectric device	Color CCD line sensor
Effective pixels	5,100 × 7,020 pixels at 600 dpi, 100%
Document size	8.5 × 11.7" (216 × 297 mm) Letter or A4 size (reading area selectable with software)
Scanning resolution	600 dpi (main) 1200 dpi (sub)
Output resolution	50 to 4800 dpi (adjustable in one-dpi increments), 7200 dpi, and 9600 dpi
Color separation	RGB color filters on CCD
Image data	16 bits per pixel per color internal 8 bits per pixel per color external
Gamma correction	User defined 1 level
Interface	USB
Light source	White cold cathode fluorescent lamp
Reliability	30,000 cycles of carriage movements (main unit MCBF)
Lamp	10,000-hour life

Electrical

Input voltage range	99 to 132V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz
Rated current	0.5 A
Power consumption	Approx. 22 W (ISO10560 Letter pattern) Approx. 6.5 W in sleep mode Approx. 0.3 W in power-off mode

Note: Check the label on the back of this product for the voltage information.

Environmental

Temperature	Operation: 50 to 95 °F (10 to 35 °C) Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C) Transit:* -4 to 140 °F (-20 to 60 °C) 120 hours at 140 °F (60 °C)
Humidity	Operation: 20 to 80% RH Storage:*, ** 5 to 85% RH

* Stored in shipping container

** Without condensation

Standards and Approvals

Safety	UL 1950 CSA C22.2 No.950
EMC	FCC part 15 Subpart B class B CSA C108.8 Class B

Interface Specifications

This product's built-in USB interface is based on the standards specified in the Universal Serial Bus Specifications Revision 1.1 and the Universal Serial Bus Device Class Definition for Printing Devices Version 1.1. This interface has the following characteristics.

Standard	Based on Universal Serial Bus Specifications Revision 1.1, Universal Serial Bus Device Class Definition for Printing Devices Version 1.1
Bit rate	12 Mbps (full speed device)
Data encoding	NRZI
Adaptable connector	USB Series B

Recommended cable length	6.6 feet (2 meters)
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Appendix

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- Trademarks

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