

hp scanjet 4400c series
and 5400c series scanners
setup and support guide

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2001

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Material scanned by this product may be protected by governmental laws and other regulations, such as copyright laws. The customer is solely responsible for complying with all such laws and regulations.

1 Installing and troubleshooting

This section provides information for installing the scanner and resolving issues that might occur during installation. For usage problems after installation, see the [user's manual](#).

Installing the scanner and accessories

Before you begin

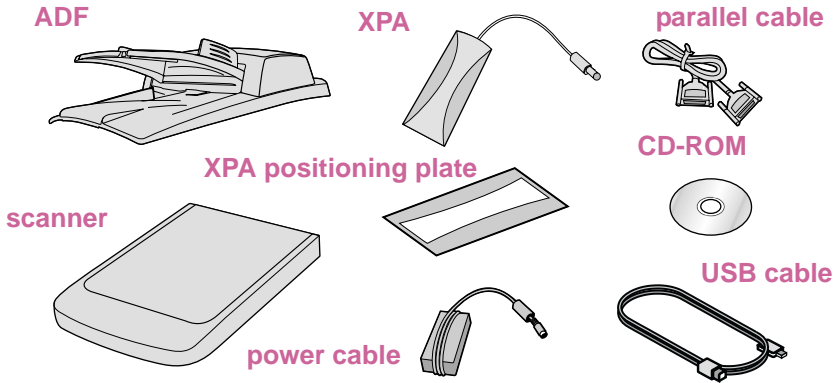
- Make sure you have a universal serial bus (USB) interface connection in your computer.
- If you are using a previous version of the HP scanning software, install this version of the software in a different location on your computer.
- Locate the Macintosh CD and documentation. (For some models, the Microsoft® Windows® and the Macintosh versions of the scanning software are located on the same CD.)
- For a detailed listing of which scanner models are affected by the note “some models only,” see the [user's manual](#).

System requirements

See the box in which the scanner shipped.

4 Installing and troubleshooting

1. Check the box contents



- HP Scanjet 4400c series or 5400c series scanner
- HP Precisionscan Pro CD-ROM
- USB cable
- Parallel cable (provided with some models for computers running Windows)
- Power cable
- HP Scanjet Transparency Adapter (XPA) with accessories (some models only)
- HP Scanjet Automatic Document Feeder (ADF) (some models only)

2. Install software

Install the HP scanning software before you install additional software.

- a Quit all open programs.
- b Insert the CD-ROM into your computer's CD-ROM drive. The HP Scanning Software window appears. (If the HP Scanning Software window does not appear, double-click the icon for the HP Scanning Software CD.)
- c Double-click the HP Scanning Software Installer, and then follow the instructions on the screen.
- d When the main installation dialog box appears, select an installation package from the pull-down menu (located in the upper-left part of the dialog box).

Note: For most situations, HP recommends that you select the **Easy Install** installation package. (For more information about installing the HP Scanning Software, see the Installation Read Me file. This file is located on the HP Precisionscan Pro CD.)

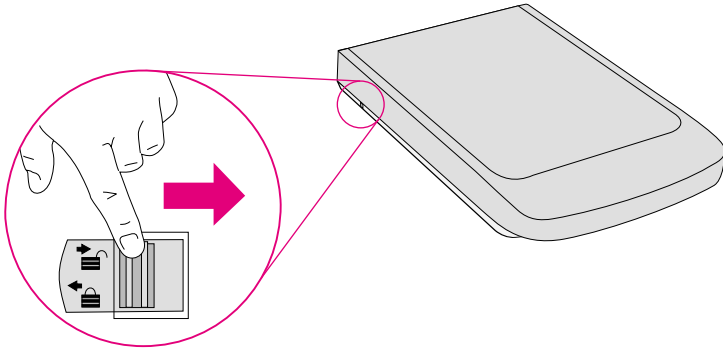
- e Click **Install**. The Installer copies component files onto your computer.
- f When the installation finishes, click **Restart** to leave the Installer and restart the computer.
-Or-
Click **Continue** to add more installation packages.
If an error occurs, click **Reinstall** and follow the instructions on the screen.

After you install the HP scanning software, install the additional software.

6 Installing and troubleshooting

3. *Unlock the scanner (some models only)*

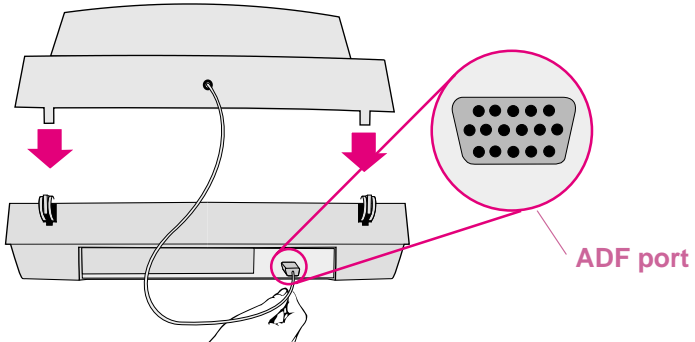
Locate the lock on the bottom of the scanner, and then use your finger to move the lock to the unlocked position. If the lock is not completely in the unlocked position, you will hear a grinding noise when you try to scan.



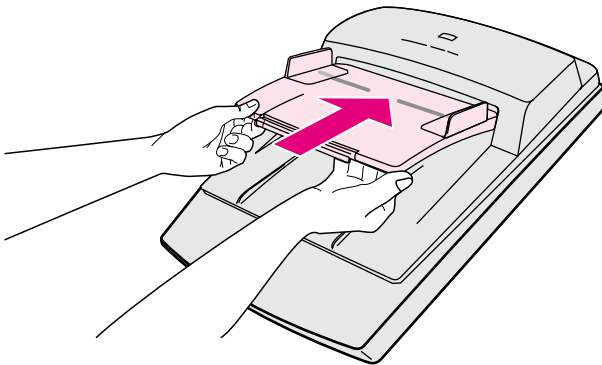
4. Connect the ADF (some models only)

If your scanner came with an ADF or you purchased one separately, attach the ADF to the scanner. Use the ADF to scan multiple pages.

- a Attach the ADF to the scanner.
- b Connect the ADF cable to its port on the scanner.



- c Attach the input tray to the ADF. Insert the tabs on the input tray into the slots on the ADF. Gently push the input tray until you hear a click.



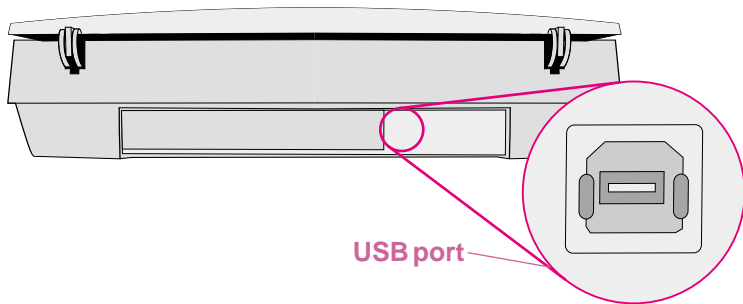
See "Using accessories" in the HP Precisionscan Pro Help for usage instructions.

8 Installing and troubleshooting

5. Connect the interface cable

Connect the USB cable between the USB port on the scanner and the USB port on the computer.

Note: The scanner has ports for other interface connections, and a parallel cable might have been shipped in the box with the scanner. However, for Macintosh computers, use the USB cable. For more information, see ["Using connections" on page 11](#).



6. Connect the power cable

Connect the power cable between the scanner and a surge protector or an easily accessible, grounded wall outlet. This turns on the scanner.

7. Start scanning

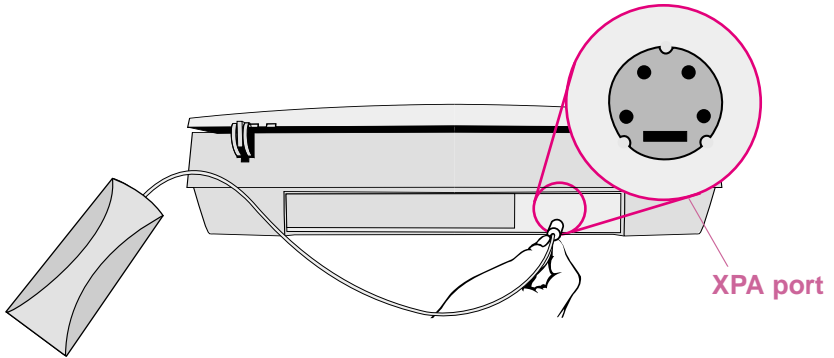
Use one of these methods:

- **Scanner buttons.** Scan directly to a destination by pressing one of the buttons on the front panel. See the [user's manual](#) for an overview of scanner buttons.
- **HP PrecisionScan Pro software.** Use the software to view or change the scanned image.

8. Connect the XPA (optional) (some models only)

To scan 35 mm slides or negatives:

- a Connect the XPA cable to its port on the scanner.



- b Launch or restart the HP Precisionscan Pro software.

See "Using accessories" in the HP Precisionscan Pro Help for usage instructions.

Find help and support

- For product support and specifications, see the "Support, warranty, and specifications" on page 15.
- For installation troubleshooting, see "Performing basic installation troubleshooting" on page 10.
- For more information about your scanner, see the [user's manual](#).
- For scanning ideas, tips, and optional accessories, visit the HP Scanjet website at <http://www.scanjet.hp.com>.
- For customer support on the Web, visit <http://www.hp.com/go/support>.

Performing basic installation troubleshooting

If the scanner or software is not working, perform these steps first.

- Check that the power cable is securely connected between the scanner and a live electrical outlet or surge protector that is turned on.
- Make sure you have properly and securely connected the scanner to the computer using the USB Input/Output (I/O) interface. See "[Using connections](#)" on page 11.
- Use the Apple System Profiler to make sure the scanner is connected to the computer correctly. See "[Using connections](#)" on page 11.
- If the scanner is making a loud grinding noise, make sure the scanner is unlocked. Move the lock to the unlocked position.
- Disconnect the power cable from the scanner and turn off the computer. After 30 seconds, reconnect the power cable and then turn on the computer, in that order.
- If you receive installation file errors or the scanning software will not run, make sure all programs are closed, and then uninstall and reinstall the scanning software.
- Make sure your computer meets the minimum system requirements. See the box in which the scanner shipped. If you do not have enough hard-disk space, remove unnecessary files or install the software on a different disk drive.
- If you need more advanced help with the interface connection, see "[Using connections](#)" on page 11 for USB compatibility and troubleshooting.
- If the troubleshooting information you need is not shown here, refer to the HP Precisionscan Pro Read Me file for the most recent information.

Using connections

The scanner can be connected to the computer using a USB interface connection.

If the installation program displays a message saying it cannot find USB but you think you have it, use the Apple System Profiler to verify that the scanner is connected to the computer correctly. Also, see "[Checking the USB connection](#)" on page 12.

More information

"[Using the Apple System Profiler](#)" on page 11

Using the Apple System Profiler

The Apple System Profiler is a tool included in the Mac OS that provides information about your computer, such as:

- the version of the Mac OS your computer is using
- the number and type of peripheral devices that are connected to your computer
- which programs are installed on your computer

If you are still having trouble with USB after using the Apple System Profiler, see "[Checking the USB connection](#)" on page 12.

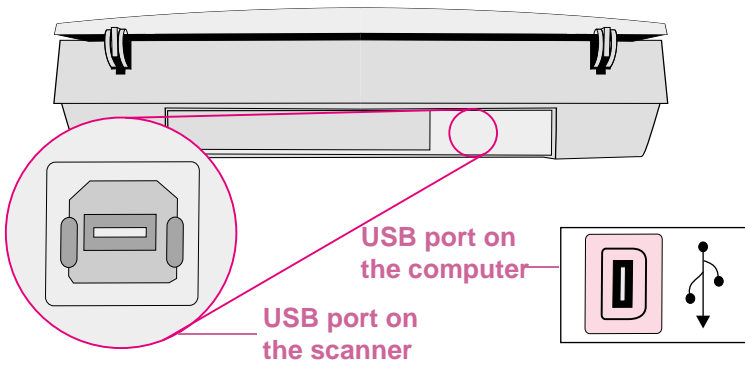
To open the Apple System Profiler

- 1 Choose **Apple System Profiler** from the **Apple ()** menu.
- 2 Click the **Devices and Volumes** tab.
- 3 Make sure the scanner is listed in the USB section of the window with the other USB devices connected to the computer.



Checking the USB connection

This scanner can be connected to a computer using a USB interface connection. You can use a USB connection if your computer meets these requirements:

- The computer has a USB connector on the back (see below).
- The computer is running Mac OS 8.6 or later.



To test the USB connection

- 1 Close all applications and shut down the computer.
- 2 Make sure that the scanner is unlocked.
- 3 Connect the power cable to the scanner and to an electrical outlet. This turns on the scanner.
- 4 Turn on all external USB devices.
- 5 Turn on the computer.
- 6 Choose **Control Panels** from the **Apple** () menu, and then choose **HP Scanjet Controls** from the submenu.
- 7 Click the **General** tab in the **HP Scanjet Controls** dialog box.
- 8 Click **USB**, and then select the model number of your scanner from the list, if it is not already selected. (The scanner you select becomes the default scanner.)
- 9 Click **Refresh**.
- 10 Close the HP Scanjet Controls control panel.
- 11 Press the Scan To button () on the front of the scanner. If the scanner is connected correctly, the HP scanning software appears.

Uninstalling the software

The Uninstall option of the setup program allows you to remove the scanning software from your computer.

To uninstall software

- 1 Unplug the scanner, and then restart the computer.

Note: If you do not unplug the scanner and restart the computer before you uninstall the software, some files are not removed from your computer during the uninstallation.

- 2 Insert the HP Scanning Software CD into the computer CD-ROM drive. The HP Scanning Software window appears. (If the HP Scanning Software window does not appear, double-click the icon for the HP Scanning Software CD.)
- 3 Double-click the HP Scanning Software Installer, and then follow the instructions on the screen.
- 4 When the main installation dialog box appears, select **Uninstall** from the pull-down menu (located in the upper-left part of the dialog box).
- 5 Click **Uninstall**.
- 6 Follow the instructions on screen.
- 7 After the uninstall finishes, quit the HP Scanning Software Installer.

2 Support, warranty, and specifications

This section provides information about finding support for your scanner, the warranty, and specifications.

Finding HP help on the Web

HP provides several resources on the Web to provide help with your scanner whenever you want.

Visiting HP websites

HP product support

Visit <http://www.hp.com/go/support> to find information for your scanner model. Once you enter the section that covers your scanner model, you will be able to choose information about setting up and using your scanner, downloading drivers, solving a problem, ordering, and information about the warranty.

HP Scanjet website

Visit <http://www.scanjet.hp.com> for:

- tips for using your scanner more effectively and creatively.
- HP Scanjet driver updates and software.

HP assistance

If you cannot find an answer to your question using the sites listed above, visit http://www.hp.com/cposupport/mail_support.html. From there, you can discover how to contact HP via e-mail, phone, and other methods.

Contacting HP Customer Support

In addition to the Web, you can contact HP by telephone or mail for support and service for your scanner. Prices, availability, and hours of support are subject to change without notice.

How HP can help

Hewlett-Packard's support hotline can help resolve problems with:

- setup
- installation
- configuration
- operation

For questions relating to operating systems or network configurations, contact your point of purchase or internal support department. For help with non-HP hardware or software, please contact the manufacturer of the other product.

Before you call

Please have the following information ready before you call:

- serial number (found on the back or bottom of your scanner)
- product name
- date of purchase

Obtaining support within the United States

Free telephone support for one year

Within one year of your purchase, telephone support is provided to you free of charge. If this is a long distance call for you, long distance charges will apply.

Call (208) 323-2551.

Our support staff is available from 6 am to 10 pm Mountain Time, Monday through Friday, and 9 am to 4 pm on Saturday.

After the first year

Call (900) 555-1500.

Charges are \$2.50 per minute with a \$25.00 maximum, charged to your phone bill. Charges begin only when you connect with a support technician.

If you think your HP product may need service, call the Customer Support Center, which can help determine if service is required and direct you to a service site.

Otherwise, contact the store where you purchased the product. Or, visit <http://www.hp.com/cpso-support/guide/psd/repairhelp.html> for the nearest sales and service office.

Obtaining support worldwide

If you need help with your HP product, please call the phone number listed below for the Customer Support Center in your country. Telephone support is free for one year in Asia and the South Pacific and for 30 days in Europe, the Middle East, and Africa.

If you think your HP product might need service, call the Customer Support Center, which can help determine if service is required and direct you to a service site.

Otherwise, contact the store where you purchased the product. Or, visit <http://www.hp.com/cpso-support/guide/psd/repairhelp.html> for the nearest sales and service office.

18 Support, warranty, and specifications

If the number below has changed, visit

http://www.hp.com/cposupport/mail_support.html to check for a new one.

Argentina

0810 555 5520
(5411) 4778 8380 (outside
Argentina)

Australia

+61 (3) 8877 8000

Austria

+0810 00 6080

Belgium

Dutch: +32 (0)2 626 8806
French: +32 (0)2 626 8807

Brazil

(11) 3747 7799 (greater São Paulo)
0800 157 751 (outside greater
São Paulo)

Canada

905 206 4663 (for support during the
warranty period)
877 621 4722 (for support after the
warranty period)

Chile

800 22 5547 (Post-sales Business
Computing)
800 360 999 (Post-sales Home
Computing)

China

+86 (10) 6564 5959

Colombia

+9 800 919 477

Czech Republic

+42 (0)2 6130 7310

Denmark

+45 39 29 4099

Finland

+358 (0)203 47 288

France

+33 (0)1 43 62 34 34

Germany

+49 (0)180 52 58 143 (24 PF/min)

Greece

+30 (0)1 619 64 11

Guatemala

1 800 999 5305

Hong Kong

+852 800 967729

Hungary

+36 (0)1 382 1111

India

+91 11 682 6035

Indonesia

+62 (21) 350 3408

Ireland

+353 (0)1 662 5525

Israel

+972 (0)9 952 48 48

Italy

+39 02 264 10350

Japan

+81 3 3335 8333

Korea, Republic of

+82 (2) 3270 0700 (Seoul)
080 999 0700 (outside Seoul)

Malaysia

+60 (3) 295 2566 (Kuala Lumpur)
1 300 88 00 28 (Penang)

Mexico

52 58 9922 (Mexico City)
01-800-472-6684 (outside Mexico City)

Middle East/Africa

+44 (0) 207 512 52 02

Netherlands

+31 (0)20 606 8751

New Zealand

+64 (9) 356 6640

Norway

+47 22 11 6299

Peru

0 800 10111

Philippines

+63 (2) 867-3551

Poland

+48 022 865 98 00

Portugal

+351 21 3176333

Puerto Rico

1 877 232 0589

Russian Federation

+7 095 797 3520 (Moscow)
+7 812 346 7997 (St. Petersburg)

Singapore

+65 272 5300

South Africa

086 000 1030 (RSA)
+27-11 258 9301 (outside RSA)

Spain

+34 902 321 123

Sweden

+46 (0)8 619 2170

Switzerland

+41 (0)848 80 11 11

Taiwan

+886 (2) 2717 0055

Thailand

+66 (2) 661 4000 (Bangkok)
+66 (53) 357990 (Chiang-Mai)

Turkey

+90 212 221 69 69

Ukraine

+7 (380-44) 490-3520

United Arab Emirates

971 4 883 8454

United Kingdom

+44 (0)207 512 52 02

United States

(208) 323-2551

Venezuela

800 47 777

Viet Nam

+84 (0)8 823 4530

Warranty statement

HEWLETT-PACKARD LIMITED WARRANTY STATEMENT

HP PRODUCT	DURATION OF LIMITED WARRANTY:
HP Scanjet 4400c series or 5400c series scanners and/or HP Scanjet Automatic Document Feeder and/or HP Scanjet Transparency Adapter	1 year

- 1 HP warrants to you, the end-user customer, that HP hardware, accessories, and supplies will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or equivalent in performance to new.
- 2 HP warrants to you that HP software will not fail to execute its programming instructions after the date of purchase, for the period specified above, due to defects in material and workmanship when properly installed and used. If HP receives notice of such defects during the warranty period, HP will replace software which does not execute its programming instructions due to such defects.
- 3 HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.
- 4 HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.
- 5 Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts, or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (e) improper site preparation or maintenance.
- 6 TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. Some countries, states, or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country to country, state to state, or province to province.

- 7** HP's limited warranty is valid in any country or locality where HP has a support presence for this product and where HP has marketed this product. The level of warranty service you receive may vary according to local standards. HP will not alter form, fit, or function of the product to make it operate in a country for which it was never intended to function for legal or regulatory reasons.
- 8** TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries, states, or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- 9** THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

Hardware repair services

If you think your scanner, ADF, or XPA needs repair, first call the Customer Support Center, which can help determine if service is required and direct you to a service site. Please see "[Contacting HP Customer Support](#)" on page 16.

Otherwise, contact the store where you purchased the product. Or, visit <http://www.hp.com/cpso-support/guide/psd/repairhelp.html> for the nearest sales and service office.

Service is free of charge during the warranty period. Beyond the warranty period, service will be charged.

Specifications

Environmental specifications

Scanner, ADF, and XPA

Temperature


- Operating: 10° to 35° C (50° to 95° F)
- Storage: -40° to 60° C (-40° to 140° F)

Humidity

- Operating: 15 percent to 80 percent noncondensing 10° to 35° C (50° to 95° F)
- Storage: up to 90 percent 0° to 60° C (32° to 140° F)

Product specifications

Scanner

Scanner Feature	Specification
Scanner type	Flatbed
Maximum item size	4400c series (with no ADF): 216 by 297 mm (8.5 by 11.69 inches), 5400c series (if model has an ADF): 216 mm by 356 mm (8.5 by 14 inches) or letter width by legal length
Scanning element	Charged-coupled device
Interface	USB or parallel (Parallel interface connections are for Windows only.)
Optical resolution	4400c series: 1200 dpi 5400c series: 2400 dpi
Selectable resolution	12 dpi to 999,999 dpi at 100 percent scaling
Image processing (options)	Dithering, thresholding, scaling, interpolation, gamma adjustment, matrix adjustment
AC line voltage	100-240 Vac, 50-60 Hz
Power consumption	4400c and 4470c: 18 W maximum, 7 W idle mode, 5400c: 18 W maximum, 9 W idle mode 5470c: 18 W maximum, 9 W idle mode 5490c: 19 W maximum, 9 W idle mode All scanner series are ENERGY STAR® compliant. (ENERGY STAR® is a U.S. registered service mark of the United States Environmental Protection Agency.)
	 <p>As an ENERGY STAR® Partner, Hewlett-Packard Company has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.</p>
Weight	4400c series: 2.9 kg (6.2 lb) 5400c series: 4.0 kg (8.8 lb)

ADF

ADF Feature	Specification
Size	490 by 331 by 99 mm (19.27 by 13.03 by 3.90 inches)
Weight	3,038 grams (6.152 lb)
Paper tray capacity	25 sheets of 75 g/m ² (20 lb bond)
Maximum paper size	216 by 356 mm (8.5 by 14 inches)
Minimum paper size	88.9 by 127 mm (3.5 by 5 inches)
Maximum paper weight	90 g/m ² (24 lb bond)
Minimum paper weight	60 g/m ² (16 lb bond)
Power requirements	800 mA
Speed	8 ppm for 216 by 279 mm (8.5 by 11 inches) sheets

XPA

XPA Feature	Specification
Size	290 by 85 by 50 mm (11.42 by 3.35 by 1.97 inches)
Weight	581 grams (1.177 lb)
Power requirements	500 mA (12 VDC)

Regulatory information

German Noise Declaration

The German noise declaration is required in Germany. It gives noise output figures.

Scanner, ADF, and XPA

Geräuschemission

LpS < 70 dB

am Arbeitsplatz

normaler Betrieb

nach DIN 45635 T. 19

Die Daten sind die Ergebnisse von Typenprüfungen

FCC Declaration of Conformity (HP Scanjet 4400c series scanner)

Supplier's Name:	Hewlett-Packard Company
Supplier's Address:	Colorado Digital Imaging 700 71st Avenue Greeley, CO 80634 USA
Contact Person:	CDI Regulatory Manager
Telephone:	970-350-4000
Product Name:	HP Scanjet 4400c and 4470c series scanners
Model Number:	HP Scanjet 4400c series scanner: C9870A (Base Scanner), C9877A (Worldwide), C9873A (US Commercial), C9872A (US Retail) HP Scanjet 4470c series scanner: C9880A (Base Scanner), C9887A (Worldwide), C9883A (US Commercial), C9882A (US Retail)
Product Options:	C9861A (transparency adapter; may contain different suffix); power adapter options

The supplier listed above declares that this product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

Changes or modification of this equipment not expressly approved by Hewlett-Packard could void the user's authority to operate this equipment. Only use the cables, connectors, power cords and accessories supplied with this equipment or expressly approved by Hewlett-Packard.

Test report on file: C9870-1

Date: February 2001

FCC Declaration of Conformity (HP Scanjet 5400c series scanner)

Supplier's Name:	Hewlett-Packard Company
Supplier's Address:	Colorado Digital Imaging 700 71st Avenue Greeley, CO 80634 USA
Contact Person:	CDI Regulatory Manager
Telephone:	970-350-4000
Product Name:	HP Scanjet 5400c, 5470c, and 5490c series scanners
Model Number:	HP Scanjet 5400c series scanner: C9850A (Base Scanner), C9857A (Worldwide), C9853A (US Commercial), C9852A (US Retail) HP Scanjet 5470c series scanner: C9860A (Base Scanner), C9867A (Worldwide), C9863A (US Commercial), C9862A (US Retail) HP Scanjet 5490c series scanner: C8510A (Base Scanner), C8517A (Worldwide), C8513A (US Commercial), C8512A (US Retail)
Product Options:	C9861A (transparency adapter; may contain different suffix); C9866A (automatic document feeder; may contain different suffix); power adapter options

The supplier listed above declares that this product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

Changes or modification of this equipment not expressly approved by Hewlett-Packard could void the user's authority to operate this equipment. Only use the cables, connectors, power cords and accessories supplied with this equipment or expressly approved by Hewlett-Packard.

Test report on file: C9850-1

Date: February 2001

EU Declaration of Conformity (HP Scanjet 4400c series scanner)

According to ISO/IEC Guide 22 and EN 45014:

Supplier's Name: Hewlett-Packard Company
Supplier's Address: Colorado Digital Imaging
700 71st Avenue
Greeley, CO 80634
USA

declares that the product:

Product Name: HP Scanjet 4400c and 4470c series scanners
Model Number(s): HP Scanjet 4400c series scanner:
C9870A (Base Scanner), C9877A (Worldwide), C9873A (US Commercial), C9872A (US Retail)
HP Scanjet 4470c series scanner:
C9880A (Base Scanner), C9887A (Worldwide), C9883A (US Commercial), C9882A (US Retail)
Product Options: C9861A (transparency adapter; may contain different suffix); power adapter options

conforms to the following Product Specifications:

Safety EN 60950:1992+A1:1993+A2:1993+A3:1995+A4:1997 +A11:1997
EN 60825-1: 1994 Class 1
EMC CISPR 22: 1993+A1+A2, Class B/ EN55022:1994+A1+A2, Class B
IEC 1000-3-2: 1995/EN61000-3-2: 1995 Class A
IEC 1000-3-3: 1994/EN61000-3-3: 1995
EN 55024: 1998
EN/IEC 61000-4-2
EN/IEC 61000-4-3
EN/IEC 61000-4-4
EN/IEC 61000-4-5
EN/IEC 61000-4-6
EN/IEC 61000-4-8
EN/IEC 61000-4-11

Supplementary information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC and carries the CE-marking accordingly. LEDs in this product are Class 1 in accordance to EN60825-1.

Greeley, Colorado, USA, February 2001

EU Declaration of Conformity (HP Scanjet 5400c series scanner)

According to ISO/IEC Guide 22 and EN 45014:

Supplier's Name: Hewlett-Packard Company
Supplier's Address: Colorado Digital Imaging
700 71st Avenue
Greeley, CO 80634
USA

declares that the product:

Product Name: HP Scanjet 5400c, 5470c, and 5490c series scanners
Model Number(s): HP Scanjet 5400c series scanner:
C9850A (Base Scanner), C9857A (Worldwide), C9853A (US Commercial), C9852A (US Retail)
HP Scanjet 5470c series scanner:
C9860A (Base Scanner), C9867A (Worldwide), C9863A (US Commercial), C9862A (US Retail)
HP Scanjet 5490c series scanner:
C8510A (Base Scanner), C8517A (Worldwide), C8513A (US Commercial), C8512A (US Retail)
Product Options: C9861A (transparency adapter; may contain different suffix);
C9866A (automatic document feeder; may contain different suffix);
power adapter options

conforms to the following Product Specifications:

Safety EN 60950:1992+A1:1993+A2:1993+A3:1995+A4:1997 +A11:1997
EN 60825-1: 1994 Class 1

EMC CISPR 22: 1993+A1+A2, Class B/ EN55022:1994+A1+A2, Class B
IEC 1000-3-2: 1995/EN61000-3-2: 1995 Class A
IEC 1000-3-3: 1994/EN61000-3-3: 1995
EN 50082-1: 1997/EN 55024: 1998
EN/IEC 61000-4-2, 4kV CD, 8 kV AD
EN/IEC 61000-4-3, 3 V/m
EN/IEC 61000-4-4, 1kV Power Lines
EN/IEC 61000-4-5, High Energy Transients
EN/IEC 61000-4-6
EN/IEC 61000-4-8
EN/IEC 61000-4-11

Supplementary information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC and carries the CE-marking accordingly. LEDs in this product are Class 1 in accordance to EN60825-1.

Greeley, Colorado, USA, February 2001

HP Environmental Product Stewardship Program

Hewlett-Packard Company is committed to providing quality products in an environmentally sound manner. This product has been designed with attributes to minimize impacts on our environment.

Energy consumption

Energy usage drops significantly while in low-power mode, which saves natural resources and saves money without affecting the high performance of this product. This product qualifies for ENERGY STAR®, which is a voluntary program to encourage the development of energy-efficient office products.



As an ENERGY STAR® Partner, Hewlett-Packard Company has determined that this product meets ENERGY STAR® guidelines for energy efficiency. For more information, see

<http://www.epa.gov/energystar/>.

Plastics

Plastic parts over 25 g (0.88 oz) in weight are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the product's life.

Disassembly/end of life

This HP product (the HP Scanjet 4400c and 5400c series scanner) is designed for ease of disassembly and to provide end-of-life disposal options by use of common fasteners and snap-fitting parts.

Acoustical noise specification

This HP product (the HP Scanjet 4400c and 5400c series scanner) has the following sound power levels:

Note: These specifications reflect sound power levels of the scanner without any attached accessories.

Category	Specification
Acoustical noise	<70 dBa (Declared sound power per ISO 7779 and ISO 9926)
Operational mode	<4 B LWAd

Product restricted material

This HP product (the HP Scanjet 4400c and 5400c series scanner) contains a mercury vapor (Cold Cathode Fluorescent) lamp containing < 5 mg (0.0002 oz) of mercury.

HP offers a variety of product end-of-life return programs in a number of geographic areas. To determine if one is available in your area, please contact your nearest HP sales office.

WARNING! This product contains mercury. Dispose of properly.

Recycling materials

HP offers a variety of product end-of-life return programs in a number of geographic areas. To determine if one is available in your area, please contact your nearest HP sales office.

Products returned to HP are reused, recycled, or disposed of in a responsible manner. Each month, HP reuses or recycles more than 1.6 million kg (3.5 million lb) of material at our product recovery centers in Grenoble, France; Böblingen, Germany; and Roseville, California, USA. This represents 99 percent by weight of all the material we receive from customers and HP operations.

