



IdeaScan 2000 Color Flatbed Scanner

User's Guide

OPTIONS
by IBM

Note: Before using this information and the product it supports, be sure to read the information under Appendix B, "Product warranty and notices" on page 2-2.

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Safety: Read first



Before installing this product, read the Safety Information.

Antes de instalar este produto, leia as Informações de Segurança.

在安装本产品之前，请仔细阅读 **Safety Information** (安全信息)。

Prije instalacije ovog produkta obavezno pročitajte Sigurnosne Upute.

Před instalací tohoto produktu si přečtěte příručku bezpečnostních instrukcí.

Læs sikkerhedsforskrifterne, før du installerer dette produkt.

Ennen kuin asennat tämän tuotteen, lue turvaohjeet kohdasta Safety Information.

Avant d'installer ce produit, lisez les consignes de sécurité.

Vor der Installation dieses Produkts die Sicherheitshinweise lesen.

Πριν εγκαταστήσετε το προϊόν αυτό, διαβάστε τις πληροφορίες ασφάλειας (safety information).

A termék telepítése előtt olvassa el a Biztonsági előírásokat!

Prima di installare questo prodotto, leggere le Informazioni sulla Sicurezza

製品の設置の前に、安全情報をお読みください。

본 제품을 설치하기 전에 안전 정보를 읽으십시오.

Пред да се инсталира овој продукт, прочитајте информацијата за безбедност.

Lees voordat u dit product installeert eerst de veiligheidsvoorschriften.

Les sikkerhetsinformasjonen (Safety Information) før du installerer dette produktet.

Przed zainstalowaniem tego produktu, należy zapoznać się z książką "Informacje dotyczące bezpieczeństwa" (Safety Information).

Antes de instalar este produto, leia as Informações sobre Segurança.

Перед установкой продукта прочтите инструкции по технике безопасности.

Pred inštaláciou tohto zariadenia si pečítajte Bezpečnostné predpisy.

Pred namestitvijo tega proizvoda preberite Varnostne informacije.

Antes de instalar este producto lea la información de seguridad.

Läs säkerhetsinformationen innan du installerar den här produkten.

安裝本產品之前，請先閱讀「安全資訊」。

Product registration

Thank you for purchasing the IBM IdeaScan 2000 Color Flatbed Scanner. Please take a few moments to register your product and provide us with information that will help IBM to better serve you in the future. Your feedback is valuable to us in developing products and services that are important to you, as well as in developing better ways to communicate with you. Register your option on the IBM Web site at:

<http://www.ibm.com/pc/register>

IBM will send you information and updates on your registered product unless you indicate on the Web site questionnaire that you do not want to receive further information.

About this book

This book contains instructions for installing, setting up, and using your IdeaScan 2000 Color Flatbed Scanner. The manual is divided into the following parts:

Part 1: Installation and user's guide

This section contains the product description, hardware and software requirements, installation and operating instructions, and problem-solving tips in the following languages:

- English
- German
- French
- Spanish
- Italian
- Brazilian Portuguese

Part 2: Appendixes

This section contains service, warranty and notice information.

Note: The illustrations in this publication might be slightly different from your hardware.

Part 1: Installation and user's guide

This section contains the product description, installation instructions, and operating information.

Product description

The IBM IdeaScan 2000 Color Flatbed Scanner makes scanning easier by working with Universal Serial Bus (USB) technology and the Microsoft Windows 98 operating system. The scanner has five Simple Access Buttons that quickly perform basic functions of the scanner. The five Simple Access Buttons are also represented by icons in the Simple Access Button window. For more information on the Simple Access Buttons, go to "Using the Simple Access Buttons or the Simple Access Button window" on page 1-6.

Your option package includes the following items.

- IdeaScan 2000 Color Flatbed Scanner

- AC power adapter

- AC power cord

- USB cable

- IdeaScan 2000 Color Flatbed Scanner* installation CD, which includes the following programs:

- PaperPort 6.1 SE with TextBridge Classic OCR

- PhotoStudio 3.0 SE image editing

- PhotoFantasy 2.0 SE for imaging fun

- PhotoPrinter 2.0 SE printing utility

- PhotoMontage 1.0 SE digital art

- Online User's Guide

- IdeaScan 2000 Color Flatbed Scanner User's Guide*

- Getting Started Guide*

- Safety information manual

Installation requirements

To use the scanner and the software, you must have an IBM PC-compatible computer that meets the following requirements:

- Intel Pentium 100 MHz or higher microprocessor
- Windows 98 operating system
- Available USB connector
- 32 MB of RAM
- 150 MB of free hard disk space
- SVGA monitor (64K colors)
- CD-ROM drive
- Fax modem for the Fax function of the scanner
- Printer for the Copy/Print function of the scanner
- MS Exchange, Netscape Navigator, or AOL for the e-mail function of the scanner

Before you begin

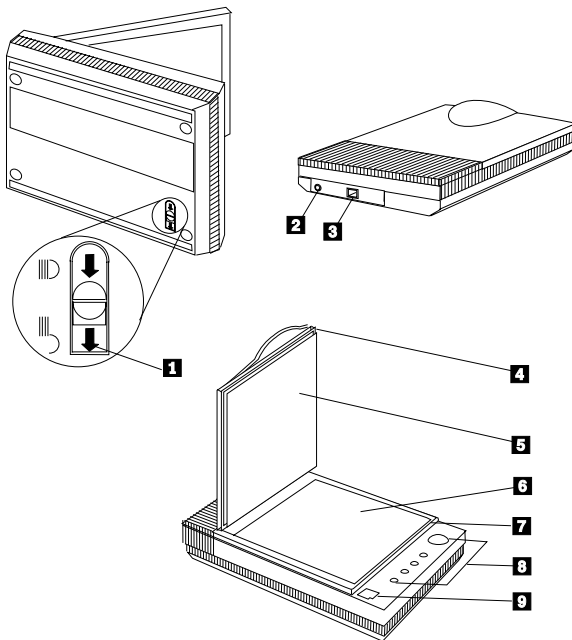
Before installing the scanner, verify that your computer USB connectors are active. You can usually view the USB setting in your computer BIOS. If your computer does not have a BIOS setting for USB, the USB connectors might be automatically enabled. For more information about USB connector status or your computer BIOS, refer to your computer User's Guide, or contact your computer manufacturer's technical support.

Note: The installation CD on-screen instructions notify you if you do not have an active USB connector.

For optimum monitor performance, set the colors to High (16-bit) or True (24-bit) and the resolution to 800 x 600 pixels or higher. To set the colors and resolution, open the Control Panel and double-click **Display**. Next, click the **Settings** tab.

The *Working with PaperPort and PaperPort Deluxe* online document on the *IdeaScan 2000 Color Flatbed* installation CD provides more detailed information about some of the software features. You can view or print the online guide during or after the software installation.

Parts of the scanner



The scanner includes the following components:

1 **Scanner lock** (on the bottom of the scanner): Unlock this before using the scanner for the first time. The lock is engaged only during shipment.

2 **Power jack**: Plug the ac adapter into this jack.

3 **USB connector**: Attach the USB cable from the computer here when prompted by the installation CD.

4 **Removable document cover**: Close the document cover after placing items on the scanner glass. You can remove the cover to make room to scan books or large objects.

5 **Document pad**: Use this pad to secure the document in place on the scanner glass.

6 **Glass**: Place items to be scanned face down on top of the glass near the reference icon. Keep the glass free of fingerprints and dust.

7 **Reference frame**: Place items face down within this frame.

8 **Simple Access Buttons**: Press these buttons to scan, print or copy, fax, convert items to text, and to open PaperPort-supported applications on your computer.

9 **Reference icon**: Place the document in this corner with the top of the document facing the buttons for optimum scanning performance.

Note: The scanner does not have a power switch. The scanner becomes operational when you turn on your computer.

Installing the software

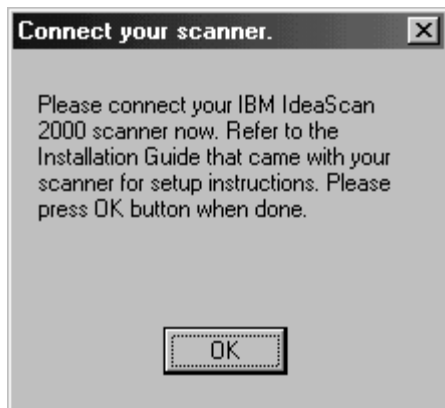
Notes:

1. The *Getting Started Guide* that comes with the scanner provides basic installation steps for experienced users. If you have problems using these steps, use the installation instructions in this section.
2. Be sure to unlock the scanner before starting the installation steps.


To install the software:

Attention: Do not attach the scanner USB cable to the computer until the software on-screen installation instructions prompt you to do so.

1. Start Windows 98. Be sure to close any applications that are running.
2. Insert the installation CD into your computer CD-ROM drive. The CD software starts automatically only if autorun is enabled.
Note: If the installation CD software does not automatically start, be sure that the computer CD-ROM drive door is completely closed. If the CD software still does not start after the door is closed, use the following steps to install the software:
 - a. Click **Start**.
 - b. Click **Run**.
 - c. Type `x:\setup.exe` where *x* is the drive letter for your CD-ROM drive.
3. Follow the on-screen instructions to install the software. When the on-screen instructions prompt you to connect the scanner to the computer, connect the scanner using instructions given in “Connecting the scanner to the computer” on page 1-5.



4. Restart your computer when prompted by the installation CD.

After the installation completes, the scanner software adds  to the taskbar at the bottom right corner of the computer screen. This icon indicates that the scanner is properly set up and ready to be used.

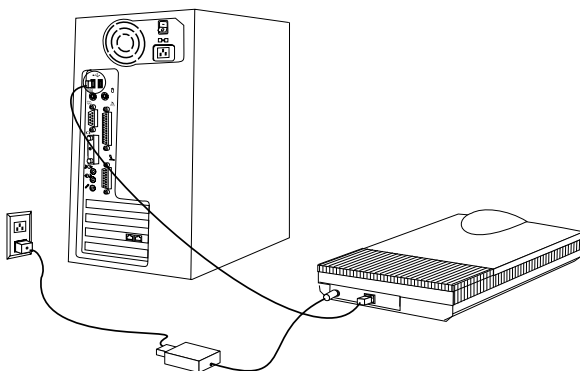
If you have problems installing your software, go to “Solving scanner problems” on page 1-21.

Connecting the scanner to the computer

You can connect the scanner to any available USB connector on your computer. For more information on USB connector locations, refer to the documentation that comes with your computer.

Note: You do not have to turn off your computer when you are connecting the scanner.

1. Plug one end of the included USB cable into an available USB connector on your computer. In some newer computers, you can connect the scanner to a USB connector on the keyboard or to a USB hub. For more information, refer to the documentation that comes with your computer, keyboard, or USB hub.
2. Plug the other end of the USB cable into the USB connector on the rear of the scanner. If the plug does not connect easily, be sure that you are plugging it in properly. Do not force the plug into the connector.
3. Plug the ac power adapter into the jack on the scanner.
4. Plug one end of the ac power cord into the power adapter.
5. Plug the other end of the ac power cord into an ac power outlet. An amber indicator on the front of the scanner lights to show that the scanner is receiving power. When the scanner and computer begin exchanging signals, the indicator turns green. The following diagram shows the scanner connected to a computer.



Note: The scanning lamp under the scanner glass is controlled by the computer. After a period of inactivity, the scanning lamp automatically turns off.

Using the scanner

You can use one of three methods to perform scan functions with your scanner. You can press a button on the scanner, click a button in the Simple Access Button window, or use the TWAIN imaging program. For more information on using the TWAIN imaging program, see “Using the TWAIN imaging program” on page 1-13.

Using the Simple Access Buttons or the Simple Access Button window



There are five Simple Access Buttons on the scanner: Cancel, Custom, Fax, Copy/Print, and Scan. For information on the preset functions of the Simple Access Buttons, go to “Using the preset scan configurations” on page 1-10. The Simple Access Buttons are also represented as icons in the Simple Access Button window. You can use one of the following methods to open the Simple Access Button window:

Right-click on the scanner icon in the lower right corner of the computer screen; then click **Preferences**.

Click **Start, Settings, Control Panel**; then click the **IBM Simple Access Button** icon.

To perform a scan function using Simple Access Buttons or the button icons in the Simple Access Button window:

Note: It is normal for the scanner lamp to warm up if the scanner has been inactive for a long period of time.

1. Place an item face down on the glass with the top edge and side edge of the item on the corner of the glass near the reference icon.
2. Press any Simple Access Button except the Cancel button on the scanner or click the corresponding button icon in the Simple Access Button window.

The following sequence takes place:

- a. The scanner begins scanning the item.
- b. A window opens above the taskbar to display the destination application of the scanned image.

- c. Another window opens to display the progress of the scanning. When the scan completes, the scanned image appears in the destination software.

Simple Access Button preset functions

The Simple Access Buttons are preset to scan items at various settings and to send the scanned image to a preset software application. You can customize the settings for every button except the Cancel button. For more information on customizing the buttons, see “Customizing Simple Access Button settings” on page 1-8.

The following table lists the Simple Access Button preset functions.

Button	Color	Preset function	Scan setting	Resolution
Cancel	Orange	Cancels presses of a button or stops a scan in progress.		
Custom	Purple	Converts the item text to word processing text using TextBridge OCR and displays the text in Microsoft Notepad.	Black and white	300 dpi
Fax	Blue	Displays the scanned item in your fax software	Black and white	300 dpi
Copy/Print	Yellow	Prints the scanned item on a printer or copier	Black and white	300 dpi
Scan	Green	Displays the scanned item in PaperPort	8.5-in. by 11-in. color photograph	100 dpi

Note: If a button does not have a preset application, such as when your computer does not have fax software installed, a window opens to notify you that you need to manually configure the button.

Customizing Simple Access Button settings

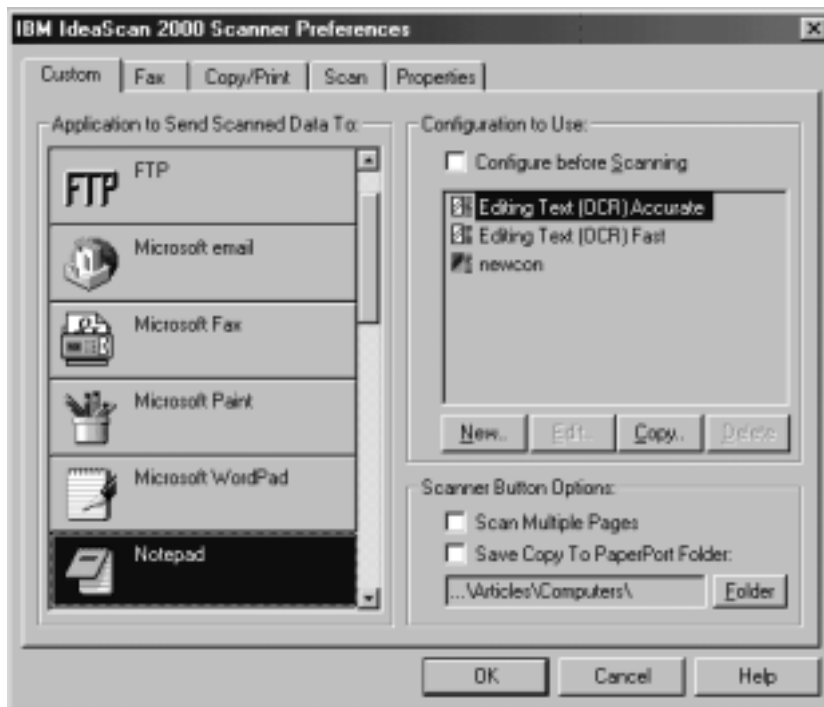
You can customize the settings for the Custom, Fax, Copy/Print, and Scan buttons.

To customize button settings:

1. Press and hold down one of the Simple Access Buttons until the IBM IdeaScan 2000 Scanner Preferences window opens, or click **Customize** in the Simple Access Button window. You can also open the Preferences window by right-clicking a button icon in the Simple Access Button window; then clicking **Edit**.

Each customizable button is represented by a tab at the top of the Preferences window. There is also a **Properties** tab at the top of the window to set system options and button response preferences.

2. Click a tab to display the current settings for the button. The following illustration shows an example of settings for the Custom button that display when you click the **Custom** tab.



The **Editing Text (OCR) Accurate** configuration is selected in the Configuration to Use section. **Notepad** is the selected application in the Application to Send Scanned Data To section. With these selections, when the Custom button is pressed, the item is scanned using the **Editing Text (OCR) Accurate** configuration, and the converted text of the scanned image is displayed in Notepad.

3. Click the tab for the button you want to customize.
4. Click a new application in the list displayed in the Application to Send Scanned Data To section.
5. Click a new scan configuration setting in the list displayed in the Configuration to Use section. The displayed configurations are preset for the application you selected. When you select another application, a different list of configurations displays.
6. If you want to create your own configuration setting, click **New** and enter your preferred settings in the Settings window.

If you want to create a new configuration setting from a predefined setting, select a setting displayed in the Configuration to Use list and click **Copy**. You will then need to provide a new name after adjusting the settings in the Settings window.

If you want to edit a configuration setting that you created, click **Edit** and make changes in the Settings window. For information on changing configuration settings, see “Creating and changing scan configurations” on page 1-11.

Note: If you select an application that is a word processing program, such as WordPad or Microsoft Word, and select a configuration for optical character recognition (OCR), the OCR software that comes with the scanner automatically converts the text in the scanned images to word processing text. The converted text then displays in the selected word processing application.

7. If you are customizing the Custom or Scan button, place a check in the **Configure before Scanning** check box if you want the IdeaScan 2000 Scan Manager window to open every time you press a button. You can then select a configuration in the IdeaScan 2000 Scan Manager window every time you begin to scan an image.
8. If you are scanning multiple pages and want to be prompted when PaperPort is ready to scan the next page, place a check in the **Scan Multiple Pages** check box in the Scanner Button Options section.
9. If you want to save the scanned image to a PaperPort application folder, place a check in the **Save Copy to PaperPort Folder** check box in the Scanner Button Options section; then select the folder where you would like the scan image saved.
10. Click **OK**.

Using the online help

To get help with the Simple Access Buttons or the Simple Access Button window, click **Help** in the IBM IdeaScan 2000 Scanner Preferences window or in the other windows that you use to select options for the buttons.

Using the preset scan configurations

To provide the optimum results for a scanned image, select the appropriate scan configuration from the Configuration to Use list in the IBM IdeaScan 2000 Scanner Preferences window before the final scan. The scan setting determines the sharpness of the item and the number of possible shades of gray or color. These selections also affect the speed of the scan and the file size. The IdeaScan 2000 Scanner software comes with five preset scan configurations.

Use the following table to determine the appropriate preset scan configuration to select for your image.

Scan page for	Default setting	To scan	Description
Faxing, filing, or copying	Black-and-white 300 dpi	Newspaper and magazine articles, receipts, forms, and other text items	Provides the fastest scan time and smallest file size.
Editing Text (OCR)	Black-and-white 300 dpi	Business letters, contracts, memos, and other documents that you want to edit	Enhances the use of OCR software for converting item text to editable text. Provides higher quality and a larger file size than the scan configuration for Faxing, filing, or copying.
Black and White Photo	Grayscale 100 dpi	Black-and-white photographs	Provides the best setting for black-and-white photographs.
Color Photo-Faster (PaperPort default setting)	Color 75 dpi	Color pages with many graphics, or mixed graphics and text, line art, or photographs that require a quick scan	Creates a reasonable scanned color item in a file that is not too large
Color Photo-Better Quality	Color 150 dpi	Photographs and color items	Provides the ideal setting for color items, item editing, desktop publishing, and high-quality output. Results in a color scan with slower scan time and a larger file size.

You can create new configurations. For more information, see “Creating and changing scan configurations” on page 1-11.

Creating and changing scan configurations

You can create a new scan configuration using your own settings or by changing the settings in a preset scan configuration. You can also change a scan configuration that you created.

To create or change a scan configuration:

1. Press and hold down a Simple Access Button for a few seconds until the IBM IdeaScan 2000 Scanner Preferences window opens. The selected tab at the top of the window corresponds to the button you pressed. If you want to adjust settings for another button, click the tab for that button.
2. If you want to create a new configuration, click **New** in the Configuration to Use section to open the configuration window. If you want to create a new configuration by changing the settings in a preset scan configuration, click **Copy** in the Configuration to Use section to open the configuration window. If you want to change a configuration that you created, click **Edit** in the Configuration to Use section to open the configuration window.
3. Click the **Scan Settings** tab.
4. Adjust the following scan settings:

Mode

Select **Black/White** to scan in black and white for items such as letters and memos. Select **Grayscale** to scan items such as documents containing drawings or black-and-white photographs. The scan produces an image in varying shades of gray. Select **Color** to scan color photographs and other color items.

Resolution

Drag the Resolution slider to the right or to the left to adjust the dots-per-inch (dpi) resolution. The resolution can be between 50 and 600 dpi. Higher dpi settings make scanned images sharper and clearer. However, scanning with higher dpi settings takes longer and produces larger files for the scanned images.

Brightness and Contrast

Drag the sliders to the right or to the left to adjust the brightness and contrast of the scanned image.

Note: For more information on appropriate scan configuration settings, see “Using the preset scan configurations” on page 1-10.

5. Click the **Page Settings** tab.

6. Adjust the following scan page settings:

Page Size

Select a page size in the Page Size drop-down menu. The outlines on the picture represent the possible page sizes. You can also click an outline to select a page size for the scan. If you select **Custom** from the drop-down menu, boxes display instead of the picture. Type the horizontal and vertical page dimensions for your scan in the boxes.

AutoCrop

When you select AutoCrop, the scanner automatically determines the item size before scanning the item. For example, if you place a photograph in the middle of the glass, the scanner automatically determines the size of the photograph before scanning the image. The AutoCrop option overrides the Page Size menu selection.

DeScreen

Select this option to produce a clearer image when you scan a picture from a newspaper or magazine article, or any item that contains images with patterns or dots. If you do not select the DeScreen option, the scanner might produce a moire pattern from a scan of patterns or dots. However, the scanner might take longer to produce an image when you select DeScreen. You do not need to select this option when scanning photographs.

Gamma

Note: You must scan in an image before adjusting the Gamma setting.

You can use the Gamma option to more precisely match colors. The default Gamma setting works fine in most cases and usually does not need to be adjusted. However, because the computer does not always accurately display color information on the monitor, you might need to use the Gamma feature to make color adjustments. Drag the slider to adjust how the colors in a scanned image display on your monitor.

7. If you are creating a new configuration or you are adjusting settings in a preset configuration, type a new name for the configuration and press Enter. If you are adjusting a configuration that you created, verify that the configuration name is correct, and press Enter.
8. Click **OK** to return to the IBM IdeaScan 2000 Scanner Preferences window.
9. Verify that the configuration you defined is selected; then click **OK** so that changes take effect.

Note: If you select the Copy/Print or Fax button, you can use the **Device** tab to select an option for a printer or copier when you make changes in the configuration setting window. For more information, refer to the online help.

Using the TWAIN imaging program

You can use the TWAIN imaging program in PaperPort to perform scan functions using TWAIN-compatible items.

To scan an item using the TWAIN imaging program:

1. Open the scanner cover, place the item face down on the corner of the glass near the reference icon, and close the cover.
2. If PaperPort is not running, double-click the **PaperPort** icon on the desktop.
3. Click the **TWAIN** icon on the Command Bar in the PaperPort desktop, or select **Acquire** from the File menu to open the IdeaScan 2000 Scan Manager window.
4. Use the following options to customize the scan in TWAIN:

Scan Page For

You can use the Scan Page For section in the TWAIN window to select scan options for the image. For information on the best scan settings to use, see “Using the preset scan configurations” on page 1-10. If you do not want to use the default settings in a preset scan configuration, you can manually change the settings.

Scan Configuration

If you want to change the default settings in a preset scan configuration, you can use the Scan Configuration section in the TWAIN window to manually adjust the following scan configuration settings:

– **Mode**

From left to right, the modes are Color, Grayscale, and Black-and-White. In the displayed configuration list, the icons for these modes are displayed next to the preset configuration to indicate the configuration mode setting. Click a mode to select it for the scan.

– **Res**

This is the dpi resolution setting for the scan. Click the drop-down arrow, and select a dpi resolution setting from the displayed list. To create scan images with greater definition, use higher dpi settings. Higher dpi resolution settings are usually required for precision work, such as photographs or fine artwork. However, scanning with higher dpi resolution settings produces larger file sizes.

– **Size**

This is the image page size. To use a preset size, click the drop-down arrow and select a size from the displayed list. To create a custom size, click the picture window and drag the mouse. A dotted box in the window indicates the page size, and the two number boxes, with the vertical and horizontal symbols next to them, show the actual page size in inches. You can change the vertical and horizontal sizes by clicking the up or down arrows, or by entering the vertical and horizontal measurements in the two number boxes.

– **AutoCrop**

When you select this option, the scanner automatically determines the size of the item being scanned. For example, if you place a photograph in the middle of the glass, the scanner automatically determines the size of the photograph. When you select AutoCrop, the scanner measures the size of the item before scanning the image. This option overrides the Size selections.

– **Adv. Settings**

Click **Adv. Settings** to view or adjust advanced settings for scanning. To adjust the brightness and contrast settings:

- a. Select **User defined**.
- b. Drag the Brightness slider to the left to make the item darker or to the right to make the item lighter. When you release the mouse button, the change is displayed in the preview item.
- c. Drag the Contrast slider to the left to decrease the contrast or to the right to increase the contrast.

For more details about the advanced settings, see the Help information.

5. Click **Preview**. The scanner scans the item and displays the image so that you can adjust the scan configuration settings before you scan the item into the application.
6. Review the image to make sure it is what you want. Readjust the settings if necessary. If you want to see a preview again before scanning the final image, click **Preview** again.
7. If you are satisfied with the image settings, click **Scan**. The scanner now rescans the item and displays the final image as a thumbnail diagram on the PaperPort desktop. For more information about using the PaperPort software, refer to the *Working with PaperPort and PaperPort Deluxe* online documentation on the *IdeaScan 2000 Color Flatbed Scanner* installation CD.

Using other TWAIN-compatible applications

To perform scan functions using other TWAIN-compatible applications other than PaperPort, such as PhotoStudio, you must first be sure that the IBM IdeaScan 2000 Scanner is specified as the TWAIN source in the application.

All TWAIN-compatible applications use similar steps and commands. You can set up the scanner for most applications by doing the following:

1. Open the application.
2. Click **File**; then click **Select a Source**.
3. Select **IBM IdeaScan 2000 Scanner** from the displayed list.
4. Click **File**.
5. Click **Acquire**.

After you have determined that the application is set up for your scanner, most applications require that you use the following instructions to scan items:

1. Click **Acquire** to open the IdeaScan 2000 Scan Manager window.
2. Click **Preview** to view the image before making final settings and adjustments.
3. Click **Scan** to complete scanning.

Performing basic scanner tasks

This section provides information on some basic tasks that you might like to try with your scanner. You can also find an expanded list of PaperPort “How to” topics by doing the following:

1. Click the **PaperPort** icon on the desktop.
2. Click **Help** in the PaperPort window.
3. Click **PaperPort Help Topics**.
4. Click **How to**.

You can also read or print the *Working with PaperPort and PaperPort Deluxe* online document that is on the *IdeaScan 2000 Color Flatbed Scanner* installation CD. This document includes detailed information about how to use PaperPort and how to work with your scanner and images. You must use Adobe Acrobat Reader to view or print the User’s Guide. If you do not already have Adobe Acrobat Reader, you can install it using instructions provided on the CD.

Dragging and dropping an image to another program

The PaperPort software uses drag-and-drop mouse actions to move images, start programs, and perform other helpful tasks. To drag and drop an item:

1. Start PaperPort.
2. Move the mouse cursor to the item in the PaperPort desktop view that you want to work with.
3. Click the item and hold the mouse button down. The icon is highlighted with a red border.
4. Move the mouse cursor and item to the folder or Link Bar that you want to work with.
5. Release the mouse button on the folder or Link Bar.

If PaperPort does not have an icon in the Link Bar, you can manually create a link by issuing a Create New Link command. For more information about creating new links, see the PaperPort Help.

Scanning a photograph

To scan a photograph:

1. Open the document cover, and place the photograph on the glass. Be sure to place the photograph face down with the top edge and side edge of the photograph on the corner of the glass near the reference icon.
2. Close the document cover.
3. Press the green Scan button on the scanner or click the the Scan button icon in the Simple Access Button window on your computer screen to start the scanner.
Note: The scanner lamp must warm up for a few moments on the initial scan. After the scanner has been idle for a period of time, the lamp automatically turns off to conserve energy and lamp life . After the scanner completes scanning the photograph, the image of the item displays on the PaperPort desktop view. Your photograph is now stored here until you want to take some other action such as editing, faxing, e-mailing, or printing it.

For more information, review the PaperPort Help information by doing the following:

1. Click **Help**.
2. Click **PaperPort Help Topics**.

E-mailing a photograph

If you can send e-mail from your computer, you can send a photo image as an e-mail attachment by using an e-mail icon in the PaperPort Link Bar at the bottom of the PaperPort desktop. After a photograph is displayed on the PaperPort desktop view, you can drag and drop the photograph onto an e-mail icon in the Link Bar at the bottom of the PaperPort window. Before trying to drag and drop, be sure that you know how to use the mouse to drag and drop an item and that you know which icon in the PaperPort Link Bar represents your e-mail program.

To e-mail a photograph:

1. Scan a photograph using the instructions given in “Scanning a photograph.”
2. Locate the icon for your e-mail program in the PaperPort Link Bar at the bottom of the PaperPort window. You might need to use your mouse to scroll the link icons from side to side to find the icon.
3. In the PaperPort desktop view, locate the photograph that you want to e-mail.
4. Drag and drop the photograph on the e-mail icon.

When you drag and drop a photograph to the e-mail link, the PaperPort software attaches the photograph to the e-mail note in its original format.

Note: Some image formats are more Internet-friendly than others. For example, the .JPG image format works well with the Internet because it compresses the data and makes the image file smaller. E-mails are transmitted faster when they contain smaller image files. You also need to use a file format that can be viewed by the receiver of the e-mail. PaperPort saves a photograph in .MAX format after it is scanned. If you want to save the photograph in another format, you must save a copy in the new format.

You can customize the preferences of one of the Simple Access Buttons so that it automatically scans, saves the image in your preferred format and attaches it to your preferred e-mail program. For more information on setting up the Custom button to automatically attach photographs to your e-mail, go to “Customizing Simple Access Button settings” on page 1-8.

Sending a fax

If your computer has a fax modem and fax software, you can use the Fax button on the scanner, or you can use the fax link in the PaperPort Link Bar to drag and drop an item as a fax.

Note: You must configure your fax software before trying to fax with the scanner. For more information on fax configuration, refer to the documentation that comes with your fax software.

To send a fax using the Fax button:

1. Open the document cover, and place the item that you would like to fax on the glass. Be sure to place the item face down with the top edge and side edge of the item on the corner of the glass near the reference icon.
2. Close the document cover.
3. Press the blue Fax button on the scanner or click the Fax button icon in the Simple Access Button window on your computer screen to automatically start the scanner.

Note: The scanner lamp must warm up for a few moments on the initial scan. The lamp automatically turns off to conserve energy and lamp life after it has been idle for a period of time.

4. When the scanner finishes scanning the item, the scanner automatically starts your fax program. Follow the on-screen instructions to send a fax.

Scanning a text document into a word processing program

To scan a text document into a word processing program:

1. Open the document cover, and place the item on the glass. Be sure to place the item face down with the top edge and side edge of the item on the corner of the glass near the reference icon.
2. Close the document cover.
3. Press the purple Custom button on the scanner or click the Custom button icon in the Simple Access Button window on your computer screen to automatically start the scanner.

The scanner must warm up for a few moments on the initial scan. The lamp automatically turns off to conserve energy and lamp life after it has been idle for a period of time.

The scanner automatically starts the TextBridge OCR program after scanning completes. The TextBridge OCR program converts the scanned item into text and displays it in a word processing program.

You can change the word processing program that you use by changing the preferences for the Custom button. Notepad is the default word processing program.

To change the word processing program:

1. Press and hold down the **Custom** button for a few seconds until the IBM IdeaScan 2000 Scanner Preferences window opens, or click **Customize** in the Simple Access Button window; then click the **Custom** tab.
2. Select the word processing program you want to make your default word processing program.
3. Click **OK**.

Copying and printing

If you have a printer, you can use the Copy/Print feature. The default setting is a black and white copy. If your printer supports color, you can change the default setting to color for this button. To change the default setting, press and hold down the Copy/Print button for a few seconds until the IBM IdeaScan 2000 Preferences window opens, or click **Customize** in the Simple Access Button window. Next, select the scan configuration you want as your new default mode; then click **OK**.

To use the Copy/Print function:

1. Open the document cover, and place the item on the glass. Be sure to place the item face down with the top edge and side edge of the item on the corner of the glass near the reference icon.
2. Close the document cover.

3. Press the yellow Copy/Print button on the scanner or click the Copy/Print button icon in the Simple Access Button window on your computer screen to automatically start the scanner.

Note: The scanner lamp must warm up for a few moments on the initial scan. The lamp automatically turns off to conserve energy and lamp life after it has been idle for a period of time.

When the scanner finishes scanning the item it automatically sends it to your printer.

Managing scanned images


Saving color and grayscale images can create large files and use large amounts of hard-disk space. To conserve hard-disk space, save the image in a file format with a built-in compression feature such as JPEG. The more a file is compressed, the less disk space it requires. However, the image quality decreases when compression is increased.

You can use the following instructions, for example, to save an image in JPEG format in PaperPort:

1. Right-click on the item you want to use.
2. Click **Export**.
3. Click the pull-down arrow in the Save as Type section.
4. Click **JPEG image files (*.JPG)**.
5. Type a new file name in the Save In box or in the File name box if you do not like the default file name.
6. Click **Save**.
7. Select the desired compression quality. The compression is usually set to 90.
8. Click **OK**.

Solving scanner problems

If the scanner is properly connected,  displays in the taskbar at the bottom

right corner of the computer screen. However, if  displays in the taskbar, the scanner is not properly connected, and you need to try the following actions:

1. Inspect all cable connections. Verify that all the cables are plugged in securely.
2. Inspect the scanner power light. If the light is not on, try plugging the power adapter into another electrical outlet.
3. If the scanner icon still has a red slash through it after you have tried all the troubleshooting procedures in this section and in the README file, your scanner might need service. For service information, go to Appendix A, “Help and service information” on page 2-1.

To verify proper connection of the scanner or to try to reconnect the scanner to your computer:

1. Place the mouse pointer on the scanner icon on the taskbar.
2. Using the right mouse button, click the icon to display the shortcut menu.
3. From the shortcut menu, click **Connect**. A window opens while the scanner is connecting to your computer.

Caring for your scanner

Review the following scanner maintenance tips.

Keep dust away from your scanner.

Keep your scanner covered when not in use. Dust particles and other foreign objects might deteriorate image quality.

Do not attempt to disassemble the scanner. There are no user-serviceable parts inside the scanner. Disassembly of the scanner voids the warranty.

Do not subject the scanner to excessive vibration.

Operate your scanner in temperatures between 10°C (50°F) and 40°C (104°F).

To clean the scanner:

1. Lightly spray a nonabrasive glass cleaner on a lint-free cloth.
2. Use the lint-free cloth to remove any dust or grease from the scanner glass and casing.
3. Be sure to wipe up all excess liquid before scanning.

Part 2: Appendixes

This section contains help and service information, the product warranty, and notices.

Appendix A. Help and service information

See “Solving scanner problems” on page 1-21 before requesting help or service. This section contains information on how to obtain online and telephone technical support.

Online technical support

Online technical support is available during the life of your product. Online assistance can be obtained through the Personal Computing Support Web site, the PSG Electronic Bulletin Board System, and the IBM Automated Fax System.

<i>Online technical support</i>	
IBM Personal Computing Support Web Site	http://www.ibm.com/pc/support

IBM Automated Fax System	1-800-426-3395 1-800-465-3299 (in Canada)
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During the warranty period, assistance for replacement or exchange of defective components is available. In addition, if your IBM option is installed in an IBM computer, you might be entitled to service at your location. Your technical support representative can help you determine the best alternative.

Telephone technical support

Marketing, installation, and configuration support through the HelpCenter will be withdrawn or made available for a fee, at IBM’s discretion, 90 days after the option has been withdrawn from marketing. Additional support offerings, including step-by-step installation assistance, are available for a nominal fee.

To assist the technical support representative, have available as much of the following information as possible:

1. Option name
2. Option number
3. Proof of purchase
4. Computer manufacturer, model, serial number (if IBM), and manual
5. Exact wording of the error message (if any)
6. Description of the problem
7. Hardware and software configuration information for your system

If possible, be at your computer. Your technical support representative might want to walk you through the problem during the call.

For the support telephone number and support hours by country, refer to the following table or to the enclosed technical support insert. If the number is not provided, contact your IBM reseller or IBM marketing representative. Response time may vary depending on the number and nature of the calls received.

<i>Support 24 hours a day, 7 days a week</i>	
Canada	1-800-565-3344
U.S.A./Puerto Rico	1-800-772-2227

<i>Technical Support for PaperPort and scanner drivers</i>	
U.S.A. and Canada	1-800-787-0866 (toll free)
Europe	31 20 5864 614 (toll call)

Appendix B. Product warranty and notices

Warranty Statements

The warranty statements consist of two parts: Part 1 and Part 2. Part 1 varies by country. Part 2 is the same for both statements. Be sure to read both the Part 1 that applies to your country and Part 2.

- **United States, Puerto Rico, and Canada (Z125-4753-05 11/97)**
(Part 1 - General Terms on page 2-2)
- **Worldwide except Canada, Puerto Rico, Turkey, and United States (Z125-5697-01 11/97)**
(Part 1 - General Terms on page 2-5)
- **Worldwide Country-Unique Terms**
(Part 2 - Country-Unique Terms on page 2-8)

IBM Statement of Limited Warranty for United States, Puerto Rico, and Canada (Part 1 - General Terms)

This Statement of Limited Warranty includes Part 1 - General Terms and Part 2 - Country-unique Terms. The terms of Part 2 may replace or modify those of Part 1. The warranties provided by IBM in this Statement of Limited Warranty apply only to Machines you purchase for your use, and not for resale, from IBM or your reseller. The term "Machine" means an IBM machine, its features, conversions, upgrades, elements, or accessories, or any combination of them. The term "Machine" does not include any software programs, whether pre-loaded with the Machine, installed subsequently or otherwise. Unless IBM specifies otherwise, the following warranties apply only in the country where you acquire the Machine. Nothing in this Statement of Warranty affects any statutory rights of consumers that cannot be waived or limited by contract. If you have any questions, contact IBM or your reseller.

Machine - IBM IdeaScan 2000 Color Flatbed Scanner MT 0275-012

Warranty Period* - One Year

**Contact your place of purchase for warranty service information. Some IBM Machines are eligible for On-site warranty service depending on the country where service is performed.*

The IBM Warranty for Machines

IBM warrants that each Machine 1) is free from defects in materials and workmanship and 2) conforms to IBM's Official Published Specifications. The warranty period for a Machine is a specified, fixed period commencing on its Date of Installation. The date on your sales receipt is the Date of Installation, unless IBM or your reseller informs you otherwise.

During the warranty period IBM or your reseller, if approved by IBM to provide warranty service, will provide repair and exchange service for the Machine, without charge, under the type of service designated for the Machine and will manage and install engineering changes that apply to the Machine.

If a Machine does not function as warranted during the warranty period, and IBM or your reseller are unable to either 1) make it do so or 2) replace it with one that is at least functionally equivalent, you may return it to your place of purchase and your money will be refunded. The replacement may not be new, but will be in good working order.

Extent of Warranty

The warranty does not cover the repair or exchange of a Machine resulting from misuse, accident, modification, unsuitable physical or operating environment, improper maintenance by you, or failure caused by a product for which IBM is not responsible. The warranty is voided by removal or alteration of Machine or parts identification labels.

THESE WARRANTIES ARE YOUR EXCLUSIVE WARRANTIES AND REPLACE ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THESE WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD.

Items Not Covered by Warranty

IBM does not warrant uninterrupted or error-free operation of a Machine.

Unless specified otherwise, IBM provides non-IBM machines **WITHOUT WARRANTIES OF ANY KIND.**

Any technical or other support provided for a Machine under warranty, such as assistance via telephone with "how-to" questions and those regarding Machine set-up and installation, will be provided **WITHOUT WARRANTIES OF ANY KIND.**

Warranty Service

To obtain warranty service for the Machine, contact your reseller or IBM. In the United States, call IBM at 1-800-772-2227. In Canada, call IBM at 1-800-565-3344. You may be required to present proof of purchase.

IBM or your reseller provides certain types of repair and exchange service, either at your location or at a service center, to keep Machines in, or restore them to, conformance with their Specifications. IBM or your reseller will inform you of the available types of service for a Machine based on its country of installation. IBM may repair the failing Machine or exchange it at its discretion.

When warranty service involves the exchange of a Machine or part, the item IBM or your reseller replaces becomes its property and the replacement becomes yours. You represent that all removed items are genuine and unaltered. The replacement may not be new, but will be in good working order and at least functionally equivalent to the item replaced. The replacement assumes the warranty service status of the replaced item.

Any feature, conversion, or upgrade IBM or your reseller services must be installed on a Machine which is 1) for certain Machines, the designated, serial-numbered Machine and 2) at an engineering-change level compatible with the feature, conversion, or upgrade. Many features, conversions, or upgrades involve the removal of parts and their return to IBM. A part that replaces a removed part will assume the warranty service status of the removed part.

Before IBM or your reseller exchanges a Machine or part, you agree to remove all features, parts, options, alterations, and attachments not under warranty service.

You also agree to

1. ensure that the Machine is free of any legal obligations or restrictions that prevent its exchange;
2. obtain authorization from the owner to have IBM or your reseller service a Machine that you do not own; and
3. where applicable, before service is provided
 - a. follow the problem determination, problem analysis, and service request procedures that IBM or your reseller provides,
 - b. secure all programs, data, and funds contained in a Machine,
 - c. provide IBM or your reseller with sufficient, free, and safe access to your facilities to permit them to fulfill their obligations, and
 - d. inform IBM or your reseller of changes in a Machine's location.

IBM is responsible for loss of, or damage to, your Machine while it is 1) in IBM's possession or 2) in transit in those cases where IBM is responsible for the transportation charges.

Neither IBM nor your reseller is responsible for any of your confidential, proprietary or personal information contained in a Machine which you return to IBM or your reseller for any reason. You should remove all such information from the Machine prior to its return.

Production Status

Each IBM Machine is manufactured from new parts, or new and used parts. In some cases, the Machine may not be new and may have been previously installed. Regardless of the Machine's production status, IBM's appropriate warranty terms apply.

Limitation of Liability

Circumstances may arise where, because of a default on IBM's part or other liability, you are entitled to recover damages from IBM. In each such instance, regardless of the basis on which you are entitled to claim damages from IBM (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), IBM is liable for no more than

1. damages for bodily injury (including death) and damage to real property and tangible personal property; and
2. the amount of any other actual direct damages, up to the greater of U.S. \$100,000 (or equivalent in local currency) or the charges (if recurring, 12 months' charges apply) for the Machine that is the subject of the claim.

This limit also applies to IBM's suppliers and your reseller. It is the maximum for which IBM, its suppliers, and your reseller are collectively responsible.

UNDER NO CIRCUMSTANCES IS IBM LIABLE FOR ANY OF THE FOLLOWING: 1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN THOSE UNDER THE FIRST ITEM LISTED ABOVE); 2) LOSS OF, OR DAMAGE TO, YOUR RECORDS OR DATA; OR 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF IBM, ITS SUPPLIERS OR YOUR RESELLER IS INFORMED OF THEIR POSSIBILITY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

IBM Statement of Warranty Worldwide except Canada, Puerto Rico, Turkey, United States (Part 1 - General Terms)

This Statement of Warranty includes Part 1 - General Terms and Part 2 - Country-unique Terms. The terms of Part 2 may replace or modify those of Part 1. The warranties provided by IBM in this Statement of Warranty apply only to Machines you purchase for your use, and not for resale, from IBM or your reseller. The term "Machine" means an IBM machine, its features, conversions, upgrades, elements, or accessories, or any combination of them. The term "Machine" does not include any software programs, whether pre-loaded with the Machine, installed subsequently or otherwise. Unless IBM specifies otherwise, the following warranties apply only in the country where you acquire the Machine. Nothing in this Statement of Warranty affects any statutory rights of consumers that cannot be waived or limited by contract. If you have any questions, contact IBM or your reseller.

Machine - IBM IdeaScan 2000 Color Flatbed Scanner MT 0275-012

Warranty Period* - One Year

**Contact your place of purchase for warranty service information. Some IBM Machines are eligible for On-site warranty service depending on the country where service is performed.*

The IBM Warranty for Machines

IBM warrants that each Machine 1) is free from defects in materials and workmanship and 2) conforms to IBM's Official Published Specifications. The warranty period for a Machine is a specified, fixed period commencing on its Date of Installation. The date on your sales receipt is the Date of Installation, unless IBM or your reseller informs you otherwise.

During the warranty period IBM or your reseller, if approved by IBM to provide warranty service, will provide repair and exchange service for the Machine, without charge, under the type

of service designated for the Machine and will manage and install engineering changes that apply to the Machine.

If a Machine does not function as warranted during the warranty period, and IBM or your reseller are unable to either 1) make it do so or 2) replace it with one that is at least functionally equivalent, you may return it to your place of purchase and your money will be refunded. The replacement may not be new, but will be in good working order.

Extent of Warranty

The warranty does not cover the repair or exchange of a Machine resulting from misuse, accident, modification, unsuitable physical or operating environment, improper maintenance by you, or failure caused by a product for which IBM is not responsible. The warranty is voided by removal or alteration of Machine or parts identification labels.

THESE WARRANTIES ARE YOUR EXCLUSIVE WARRANTIES AND REPLACE ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THESE WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD.

Items Not Covered by Warranty

IBM does not warrant uninterrupted or error-free operation of a Machine.

Unless specified otherwise, IBM provides non-IBM machines **WITHOUT WARRANTIES OF ANY KIND.**

Any technical or other support provided for a Machine under warranty, such as assistance via telephone with "how-to" questions and those regarding Machine set-up and installation, will be provided **WITHOUT WARRANTIES OF ANY KIND.**

Warranty Service

To obtain warranty service for the Machine, contact your reseller or IBM. You may be required to present proof of purchase.

IBM or your reseller provides certain types of repair and exchange service, either at your location or at a service center, to keep Machines in, or restore them to, conformance with their Specifications. IBM or your reseller will inform you of the available types of service for a Machine based on its country of installation. IBM may repair the failing Machine or exchange it at its discretion.

When warranty service involves the exchange of a Machine or part, the item IBM or your reseller replaces becomes its property and the replacement becomes yours. You represent that all removed items are genuine and unaltered. The replacement may not be new, but will be in good working order and at least functionally equivalent to the item replaced. The replacement assumes the warranty service status of the replaced item.

Any feature, conversion, or upgrade IBM or your reseller services must be installed on a Machine which is 1) for certain Machines, the designated, serial-numbered Machine and 2) at an engineering-change level compatible with the feature, conversion, or upgrade. Many features, conversions, or upgrades involve the removal of parts and their return to IBM. A part that replaces a removed part will assume the warranty service status of the removed part.

Before IBM or your reseller exchanges a Machine or part, you agree to remove all features, parts, options, alterations, and attachments not under warranty service.

You also agree to

1. ensure that the Machine is free of any legal obligations or restrictions that prevent its exchange;
2. obtain authorization from the owner to have IBM or your reseller service a Machine that you do not own; and
3. where applicable, before service is provided
 - a. follow the problem determination, problem analysis, and service request procedures that IBM or your reseller provides,
 - b. secure all programs, data, and funds contained in a Machine,
 - c. provide IBM or your reseller with sufficient, free, and safe access to your facilities to permit them to fulfil their obligations, and
 - d. inform IBM or your reseller of changes in a Machine's location.

IBM is responsible for loss of, or damage to, your Machine while it is 1) in IBM's possession or 2) in transit in those cases where IBM is responsible for the transportation charges.

Neither IBM nor your reseller is responsible for any of your confidential, proprietary or personal information contained in a Machine which you return to IBM or your reseller for any reason. You should remove all such information from the Machine prior to its return.

Production Status

Each IBM Machine is manufactured from new parts, or new and used parts. In some cases, the Machine may not be new and may have been previously installed. Regardless of the Machine's production status, IBM's appropriate warranty terms apply.

Limitation of Liability

Circumstances may arise where, because of a default on IBM's part or other liability, you are entitled to recover damages from IBM. In each such instance, regardless of the basis on which you are entitled to claim damages from IBM (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), IBM is liable for no more than

1. damages for bodily injury (including death) and damage to real property and tangible personal property; and
2. the amount of any other actual direct damages, up to the greater of U.S. \$100,000 (or equivalent in local currency) or the charges (if recurring, 12 months' charges apply) for the Machine that is the subject of the claim.

This limit also applies to IBM's suppliers and your reseller. It is the maximum for which IBM, its suppliers, and your reseller are collectively responsible.

UNDER NO CIRCUMSTANCES IS IBM LIABLE FOR ANY OF THE FOLLOWING: 1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN THOSE UNDER THE FIRST ITEM LISTED ABOVE); 2) LOSS OF, OR DAMAGE TO, YOUR RECORDS OR DATA; OR 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC

CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF IBM, ITS SUPPLIERS OR YOUR RESELLER IS INFORMED OF THEIR POSSIBILITY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Part 2 - Worldwide Country-Unique Terms

ASIA PACIFIC

AUSTRALIA: The IBM Warranty for Machines: The following paragraph is added to this Section:

The warranties specified in this Section are in addition to any rights you may have under the Trade Practices Act 1974 or other legislation and are only limited to the extent permitted by the applicable legislation.

Extent of Warranty: The following replaces the first and second sentences of this Section:

The warranty does not cover the repair or exchange of a Machine resulting from misuse, accident, modification, unsuitable physical or operating environment, operation in other than the Specified Operating Environment, improper maintenance by you, or failure caused by a product for which IBM is not responsible.

Limitation of Liability: The following is added to this Section:

Where IBM is in breach of a condition or warranty implied by the Trade Practices Act 1974, IBM's liability is limited to the repair or replacement of the goods or the supply of equivalent goods. Where that condition or warranty relates to right to sell, quiet possession or clear title, or the goods are of a kind ordinarily acquired for personal, domestic or household use or consumption, then none of the limitations in this paragraph apply.

PEOPLE'S REPUBLIC OF CHINA: Governing Law: The following is added to this Statement:

The laws of the State of New York govern this Statement.

INDIA: Limitation of Liability: The following replaces items 1 and 2 of this Section:

1. liability for bodily injury (including death) or damage to real property and tangible personal property will be limited to that caused by IBM's negligence;
2. as to any other actual damage arising in any situation involving nonperformance by IBM pursuant to, or in any way related to the subject of this Statement of Warranty, IBM's liability will be limited to the charge paid by you for the individual Machine that is the subject of the claim.

NEW ZEALAND: The IBM Warranty for Machines: The following paragraph is added to this Section:

The warranties specified in this Section are in addition to any rights you may have under the Consumer Guarantees Act 1993 or other legislation which cannot be excluded or limited. The Consumer Guarantees Act 1993 will not apply in respect of any goods which IBM provides, if you require the goods for the purposes of a business as defined in that Act.

Limitation of Liability: The following is added to this Section:

Where Machines are not acquired for the purposes of a business as defined in the Consumer Guarantees Act 1993, the limitations in this Section are subject to the limitations in that Act.

EUROPE, MIDDLE EAST, AFRICA (EMEA)

The following terms apply to all EMEA countries.

The terms of this Statement of Warranty apply to Machines purchased from an IBM reseller. If you purchased this Machine from IBM, the terms and conditions of the applicable IBM agreement prevail over this warranty statement.

Warranty Service

If you purchased an IBM Machine in Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland or United Kingdom, you may obtain warranty service for that Machine in any of those countries from either (1) an IBM reseller approved to perform warranty service or (2) from IBM.

If you purchased an IBM Personal Computer Machine in Albania, Armenia, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Georgia, Hungary, Kazakhstan, Kirghizia, Federal Republic of Yugoslavia, Former Yugoslav Republic of Macedonia (FYROM), Moldova, Poland, Romania, Russia, Slovak Republic, Slovenia, or Ukraine, you may obtain warranty service for that Machine in any of those countries from either (1) an IBM reseller approved to perform warranty service or (2) from IBM.

The applicable laws, Country-unique terms and competent court for this Statement are those of the country in which the warranty service is being provided. However, the laws of Austria govern this Statement if the warranty service is provided in Albania, Armenia, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Federal Republic of Yugoslavia, Georgia, Hungary, Kazakhstan, Kirghizia, Former Yugoslav Republic of Macedonia (FYROM), Moldova, Poland, Romania, Russia, Slovak Republic, Slovenia, and Ukraine.

The following terms apply to the country specified:

EGYPT: Limitation of Liability: The following replaces item 2 in this Section:

2. as to any other actual direct damages, IBM's liability will be limited to the total amount you paid for the Machine that is the subject of the claim.

Applicability of suppliers and resellers (unchanged).

FRANCE: Limitation of Liability: The following replaces the second sentence of the first paragraph of this Section:

In such instances, regardless of the basis on which you are entitled to claim damages from IBM, IBM is liable for no more than: (items 1 and 2 unchanged).

GERMANY: The IBM Warranty for Machines: The following replaces the first sentence of the first paragraph of this Section:

The warranty for an IBM Machine covers the functionality of the Machine for its normal use and the Machine's conformity to its Specifications.

The following paragraphs are added to this Section:

The minimum warranty period for Machines is six months.

In case IBM or your reseller are unable to repair an IBM Machine, you can alternatively ask for a partial refund as far as justified by the reduced value of the unrepaired Machine or ask for a cancellation of the respective agreement for such Machine and get your money refunded.

Extent of Warranty: The second paragraph does not apply.

Warranty Service: The following is added to this Section:

During the warranty period, transportation for delivery of the failing Machine to IBM will be at IBM's expense.

Production Status: The following paragraph replaces this Section:
Each Machine is newly manufactured. It may incorporate in addition to new parts, re-used parts as well.

Limitation of Liability: The following is added to this Section:
The limitations and exclusions specified in the Statement of Warranty will not apply to damages caused by IBM with fraud or gross negligence and for express warranty.

In item 2, replace "U.S. \$100,000" with "1.000.000 DEM."

The following sentence is added to the end of the first paragraph of item 2:
IBM's liability under this item is limited to the violation of essential contractual terms in cases of ordinary negligence.

IRELAND: Extent of Warranty: The following is added to this Section:
Except as expressly provided in these terms and conditions, all statutory conditions, including all warranties implied, but without prejudice to the generality of the foregoing all warranties implied by the Sale of Goods Act 1893 or the Sale of Goods and Supply of Services Act 1980 are hereby excluded.

Limitation of Liability: The following replaces items one and two of the first paragraph of this Section:

1. death or personal injury or physical damage to your real property solely caused by IBM's negligence; and 2. the amount of any other actual direct damages, up to the greater of Irish Pounds 75,000 or 125 percent of the charges (if recurring, the 12 months' charges apply) for the Machine that is the subject of the claim or which otherwise gives rise to the claim.

Applicability of suppliers and resellers (unchanged).

The following paragraph is added at the end of this Section:
IBM's entire liability and your sole remedy, whether in contract or in tort, in respect of any default shall be limited to damages.

ITALY: Limitation of Liability: The following replaces the second sentence in the first paragraph:
In each such instance unless otherwise provided by mandatory law, IBM is liable for no more than: (item 1 unchanged) 2) as to any other actual damage arising in all situations involving non-performance by IBM pursuant to, or in any way related to the subject matter of this Statement of Warranty, IBM's liability, will be limited to the total amount you paid for the Machine that is the subject of the claim.

Applicability of suppliers and resellers (unchanged).

The following replaces the second paragraph of this Section:
Unless otherwise provided by mandatory law, IBM and your reseller are not liable for any of the following: (items 1 and 2 unchanged) 3) indirect damages, even if IBM or your reseller is informed of their possibility.

SOUTH AFRICA, NAMIBIA, BOTSWANA, LESOTHO AND SWAZILAND: Limitation of Liability: The following is added to this Section:
IBM's entire liability to you for actual damages arising in all situations involving nonperformance by IBM in respect of the subject matter of this Statement of Warranty will be limited to the charge paid by you for the individual Machine that is the subject of your claim from IBM.

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IBM fulfils customer orders for IBM Machines as newly manufactured in accordance with IBM's production standards.

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2. the amount of any other actual direct damages or loss, up to the greater of Pounds Sterling 150,000 or 125 percent of the charges (if recurring, the 12 months' charges apply) for the Machine that is the subject of the claim or which otherwise gives rise to the claim.

The following item is added to this paragraph:

3. breach of IBM's obligations implied by Section 12 of the Sale of Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982.

Applicability of suppliers and resellers (unchanged).

The following is added to the end of this Section:

IBM's entire liability and your sole remedy, whether in contract or in tort, in respect of any default will be limited to damages.

NORTH AMERICA

CANADA: Warranty Service: The following is added to this Section:

To obtain warranty service from IBM, call **1-800-565-3344**.

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IBM IdeaScan 2000 Color Flatbed Scanner MT 0275-012

Federal Communications Commission (FCC) Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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 instructions, 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 an IBM authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM authorized dealers. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the 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.

Responsible Party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504
Telephone: 1-919-543-2193



Tested To Comply
With FCC Standards

FOR HOME OR OFFICE USE

Industry Canada Class B emission compliance statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de classe B est conforme à la norme NMB-003 du Canada.

Deutsche EMV-Direktive (electromagnetische Verträglichkeit)

Dieses Gerät ist berechtigt in Übereinstimmung mit dem deutschen EMVG vom 9.Nov.92 das EG-Konformitätszeichen zu führen.

Der Aussteller der Konformitätserklärung ist die IBM UK, Greenock.

Dieses Gerät erfüllt die Bedingungen der EN 55022 Klasse B.

European Union - emission directive

This product is in conformity with the protection requirements of EU Council Directive 89/366/ECC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

IBM can not accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to CISPR 22 / European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication devices.

Union Européenne - Directive Conformité électromagnétique

Ce produit est conforme aux exigences de protection de la Directive 89/336/EEC du Conseil de l'UE sur le rapprochement des lois des États membres en matière de compatibilité électromagnétique.

IBM ne peut accepter aucune responsabilité pour le manquement aux exigences de protection résultant d'une modification non recommandée du produit, y compris l'installation de cartes autres que les cartes IBM.

Ce produit a été testé et il satisfait les conditions de l'équipement informatique de Classe B en vertu de CISPR22 / Standard européen EN 55022. Les conditions pour l'équipement de Classe B ont été définies en fonction d'un contexte résidentiel ordinaire afin de fournir une protection raisonnable contre l'interférence d'appareils de communication autorisés.

Unione Europea - Directiva EMC (Conformidad electromagnética)

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Este producto ha sido probado y satisface los límites para Equipos Informáticos Clase B de conformidad con el Estándar CISPR22 y el Estándar Europeo EN 55022. Los límites para los equipos de Clase B se han establecido para entornos residenciales típicos a fin de proporcionar una protección razonable contra las interferencias con dispositivos de comunicación licenciados.

Union Europea - Normativa EMC

Questo prodotto è conforme alle normative di protezione ai sensi della Direttiva del Consiglio dell'Unione Europea 89/336/CEE sull'armonizzazione legislativa degli stati membri in materia di compatibilità elettromagnetica.

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Le prove effettuate sul presente prodotto hanno accertato che esso rientra nei limiti stabiliti per le apparecchiature di informatica Classe B ai sensi del CISPR 22 / Norma Europea EN 55022. I limiti delle apparecchiature della Classe B sono stati stabiliti al fine di fornire ragionevole protezione da interferenze mediante dispositivi di comunicazione in concessione in ambienti residenziali tipici.

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