OKI®
People to People Technology™

OKIPAGE *14e*

Setup Guide

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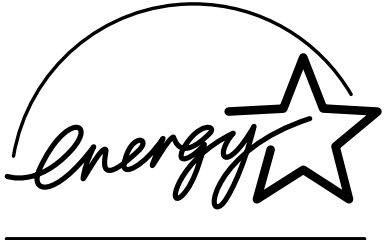
All products currently sold by Oki Data are Year 2000 Compliant. Each product contains information technology that accurately processes date and time data between the years 1999 and 2000, and carries no issue for the September 9, 1999 (9999) programming concern. These products, when used in combination with products purchased from other manufacturers, whose products properly exchange data and time information, will accurately process the date and time. All future products are committed to meeting the same Year 2000 compliance.

Energy Star



As an ENERGY STAR Partner, Oki Data has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

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Setting Up Your Printer

Selecting a Location for Your Printer

- A firm surface such as a table or desktop
- Space to open the cover and pull out the paper tray and the rear output extender
- Air circulation around the printer to prevent overheating (minimum of 4 inches)
- A nearby power source
- Room temperature of 50° to 90°F (10° to 32°C)
- Relative Humidity of 20-80%
- No direct sunlight

Visit the Oki Data Web Site

Register your printer and create your own personalized support center with **my.okidata.com**. Get support, news and information, and the latest software upgrades especially tailored to your printer. To register:

- Visit our website at **http://www.okidata.com.** Simply click on **Product Registration.**

You can also register your printer

- By filling out the enclosed registration form and mailing it or faxing it in.

Checking the Contents

Unpack your printer. The shipping box should contain:

1 OKIPAGE 14e Printer (with image drum cartridge installed)

2 CD-ROM (includes printer drivers and software)

3 Toner Cartridge

4 Black plastic light-shield bag (to store image drum if you need to ship the printer)

5 Power Cord

6 Warranty and Regulatory Information

7 Setup Guide

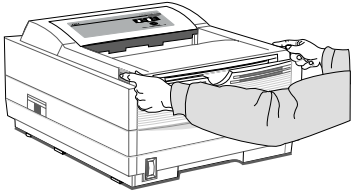
8 User's Guide

9 Warranty Registration Card

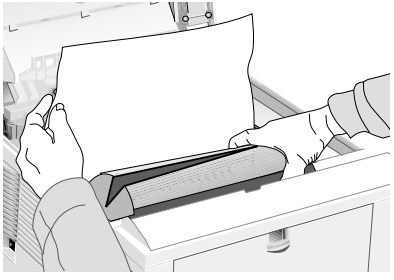
If you are missing anything, contact Oki Data.

Remove the Image Drum Protective Paper

1 Press the cover release button and lift the cover

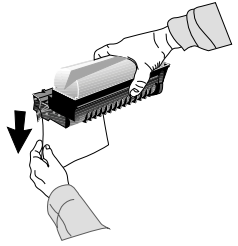


2 Lift out the image drum cartridge. **Do not touch the drum's green surface or remove the sponge.**



! ***Only the OKIPAGE Type 8 Image Drum will fit in this unit (Part# 41331601).***

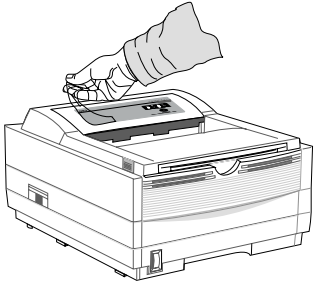
3 Without turning the drum cartridge over, remove the protective paper from the image drum.



4 Reinstall the cartridge into the printer.

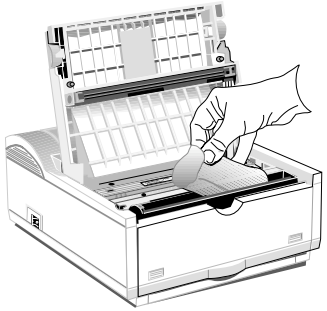
Remove Protective Film

Lift up the corner and peel the protective plastic film from the operator panel.



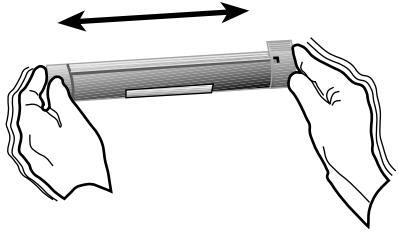
Installing Toner

1 Remove the sponge.

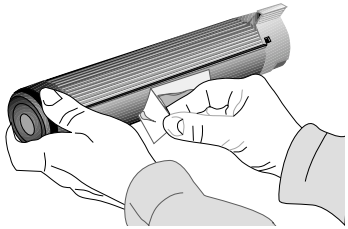


2 Unwrap the toner cartridge. Shake the cartridge to distribute the toner.

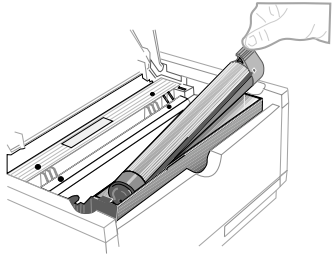
! ***Only the OKIPAGE Type 5 Toner Cartridge will fit in this unit (Part# 52109001)***



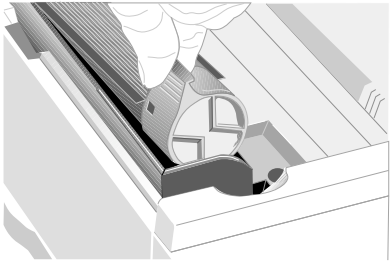
3 Peel tape off the bottom.

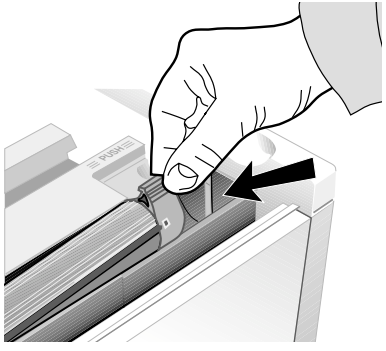


4 Grasp the lock lever and place the **left** side of the toner cartridge under the end tab.

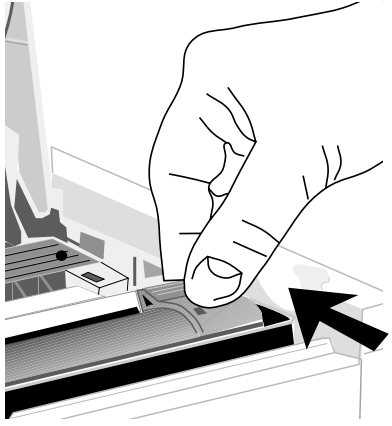


5 Lower the right side into the toner well, aligning the lock lever slot with the ridge in the drum cartridge.





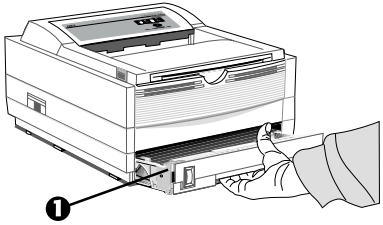
6 When the cartridge is in place, push the lock lever forward until it stops.



7 Lower the printer cover and press firmly to close.

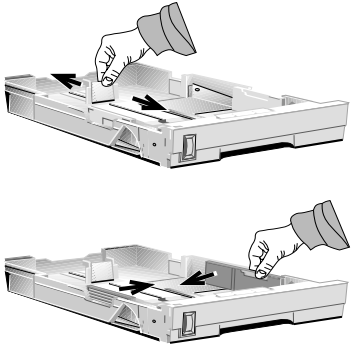
Loading Paper

1 Slide the tray out of the printer.



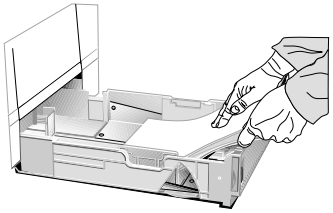
! ***The paper gauge (1) indicates how much paper remains in the tray; you don't have to slide the tray out to chec***k.

2 Adjust the tray guides for the correct paper size.



3 Fan a stack of paper and place it in the tray under the tabs. Do not fill above the "PAPER FULL" mark.

! ***The tray will hold 250 sheets of 20 lb. paper.***

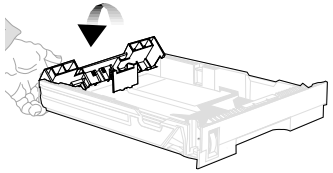


! ***Recommended paper weight for the tray is 16 to 28 lb (60 to 105 g/m²).***

4 Place the tray into the printer then push closed until the tray locks in place.

Using Legal Size Paper

To load legal size paper, open out the tray extender and adjust the rear paper guide.



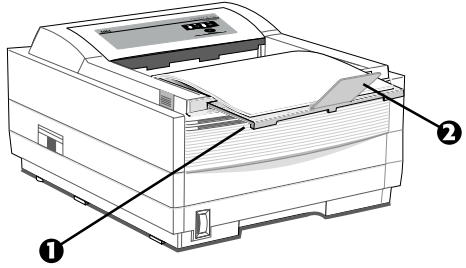
Paper Exit Paths

Two paper exit options are available. Select the paper path that is appropriate for the media you are using.

Top Paper Exit

Use the top paper exit for most printing jobs.

- Printed pages exit face down
- Pages are stacked in the order printed
- Exit bin holds 150 sheets of 20-lb. paper



1 Pull the front exit extender forward.

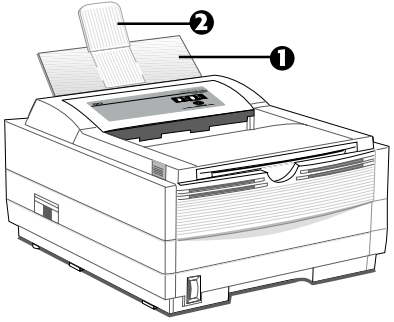
2 Lift out the support bar.

! ***Don't change paper paths while printing - paper jam may occur.***

Rear Paper Exit

The rear paper exit tray provides a straighter paper path. Use rear exit when printing on heavy paper, envelopes, labels, and transparencies.

- Printed pages exit face up in reverse order
- Maximum output is 50 sheets of 20-lb. paper
- Use rear exit for printing on heavy paper, envelopes, labels, transparencies or odd size paper



1 Pull out the rear exit extender until it locks in place.

2 Lift out the support bar.

To return to the top exit, close the rear support bar and push the rear exit extender firmly back in place; paper will then exit into the top bin.

! ***See Operating Your Printer in the User's Guide for information on using special print media.***

Choosing Paper

- For best results, use paper that is smooth and of high quality.
- Store paper in its ream wrapper until you are ready to use it, and keep it away from moisture or other conditions that can cause it to wrinkle or curl.
- Avoid printing on both sides of the paper for more than a few pages, or preprinted documents that have been in a photocopier.
- Try paper before you buy it in quantity.

! ***See Operating Your Printer in the User's Guide for information on using recycled print media.***

When purchasing paper, use the following specifications for best results:

Basic Weight

Paper cassette: 16 to 28 lb (60 to 105 g/m^2)

Manual feed: 16 to 32 lb (60 to 120.5 g/m^2)

Composition

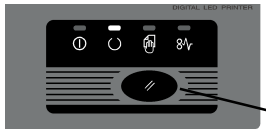
100% chemical wood pulp and/or cotton fiber

Fusing Compatibility

Must not scorch, melt, offset, or release hazardous emissions when heated to 392°F. (200°C)

Printing the Demo and Menu Pages

With the printer powered up but off line (Ready light is off), press down on the printer's operator panel switch **(a)** for two seconds. The Ready light will blink and the printer prints the demo page and the menu page. ***Note***: *Press the switch again to put the printer back on line.*



Interfacing with Your Computer

Parallel Interface

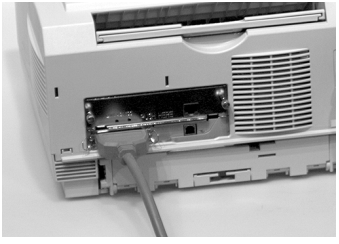
Your printer has a high-speed, bi-directional parallel IEEE 1284 interface port. Purchase a cable marked IEEE 1284 compliant. **To comply with FCC regulations, the cable must be *shielded* and UL and CSA approved.** Consult your PC manual for details on cable requirements and interface ports on your computer.

! ***OKI DATA has tested and approved the following bi-directional cable: Part Number 70000803. See Service and Support in the User's Guide for purchasing information.***

Connecting the Cable

Make sure the printer and computer are off.

1 Insert the printer end of the cable firmly into the proper connector on the back of the printer. Fasten the cable to the printer securely.



2 Connect the other end of the cable to the proper connector on your computer. Fasten the cable securely to your computer.

USB Interface

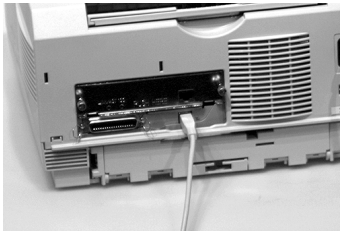
Requires a USB cable. The cable must meet USB Rev 1.1 specification for normal operation, and be UL/CM/CSA approved.

! ***OKI DATA has tested and approved the following USB cable: Part Number 70037901. Cable Length: 10 ft. (3.048 meters). See Service and Support in the User's Guide for purchasing information.***

Connecting the Cable

Make sure the printer and computer are off.

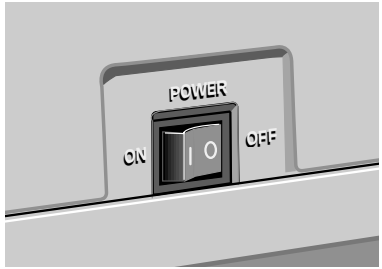
1 Insert the printer end of the cable firmly into the proper connector on the back of the printer. Fasten the cable to the printer securely.



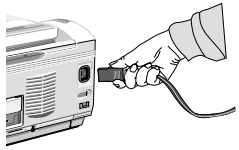
2 Connect the other end of the cable to the proper connector on your computer. Fasten the cable securely to your computer.

Turning on the Printer

1 Make sure the printer is off.



2 Plug the cord into the printer first, then into a grounded outlet.



3 Turn the printer on. It takes about 10 seconds for the printer to initialize and warm up, and for the Ready light on the operator panel to turn on, indicating the printer is ready to receive data.

Printer Software

The CD-ROM provided with your printer includes printer drivers and the on-screen printer status monitor and operator panel required to use all the OKIPAGE 14e features. Follow the steps in this guide to install the appropriate printer software on your computer system.

Printer Drivers

Printer drivers must be installed so your software application can communicate with your printer and support all of its features.

The OKIPAGE 14e CD-ROM includes printer drivers for printing in the following environments:

- Windows Me
- Windows 2000
- Windows 98
- Windows NT 4.0
- Windows 95

Status Monitor

The status monitor program allows you to monitor and configure an OKIPAGE 14e. In addition to displaying printer status messages, the status monitor provides remote access to the printer's operator panel. See page 22 for information on using the Status Monitor.

Installing Printer Software

Determine your computer's interface connection and operating system. Then proceed to the page listed for instructions to install the appropriate printer software.

Parallel Connection

Windows Me, 2000, 98, 95, NT 4.0

see page 18

USB Connection

Windows 98, **Me** see page 19

Windows 2000, see page.....21

Parallel Connection - Windows 2000, 98, Me, 95, NT4.0

❑ Turn on your computer and wait for it to boot up.

❑ Turn on your printer.

❑ Found New Hardware Wizard appears. Click **Cancel**.

! ***To fully install all the necessary software, use the following install procedures with the OKIPAGE 14e CD.***

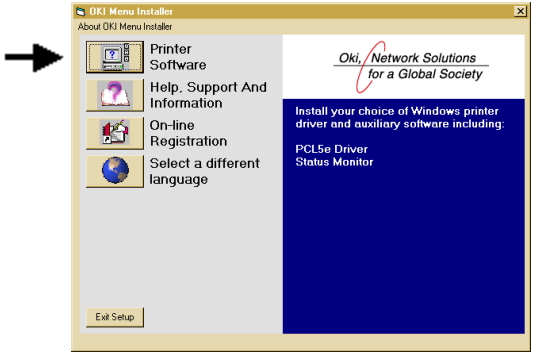
❑ Insert the OKIPAGE 14e CD into your CD-ROM drive, click **Start →Run**.

❑ Browse to your CD-ROM drive and double-click INSTALL.EXE in the root directory, click **OK**.

❑ Select a language.

❑ Click the button beside **Printer Software** and follow the on-screen instructions to complete the installation.

! ***You can click a button on the Menu Installer to:***
- ***View Help Support and Information***
- ***Register your printer online***
- ***Select a different language***



❑ Click **Finish.** Exit the Menu Installer.

Open the Status Monitor:

❑ Click **Start →Programs → OKIPAGE 14e → OKIPAGE 14e Status Monitor.**

! ***See page 22 for information on using the Status Monitor.***

USB Connection - Windows 98, Me

❑ Turn on your computer and wait for it to boot up.

❑ Turn on your printer.

❑ Add New Hardware Wizard appears. Click **Next**.

❑ Insert the OKIPAGE 14e CD into your CD-ROM drive.

❑ Select "Search for the best driver for your device (Recommended)." Click **Next**.

❑ Select "CD-ROM drive." Clear other choices. Click **Next.**

❑ The OKI USB Device driver is located. Click **Next**.

❑ The files are copied. Select **Finish**.

❑ The printer is detected and the Add New Hardware Wizard appears. Click **Cancel.**

! ***To fully install all the necessary software, use the following install procedures with the OKIPAGE 14e CD.***

Install the Printer Driver and Status Monitor

With the CD in your CD-ROM drive:

❑ Click **Start → Run**.

❑ Browse to your CD-ROM drive and double-click INSTALL.EXE in the root directory. Click **OK**.

❑ The OKI Menu Installer appears. Select a language.

❑ Click the button beside **Printer Software** and follow the on-screen instructions, selecting the LPT1 port. You can change your port selection once the installation is completed.

! You can click a button on the Menu Installer to:

- ***View Help Support and Information***
- ***Register your printer online***
- ***Select a different language***

❑ Click **Finish.** Exit the Menu Installer.

Select the USB printer port:

❑ From the Windows Taskbar, click **Start → Settings → Printers**. Right-click the OKIPAGE 14e icon, then click **Properties\Details**.

❑ Scroll down and select OP1USB1:OKIPAGE 14e in the "Print to the following port" list. Click **Apply**. Click **OK**.

Open the Status Monitor:

❑ Click **Start →Programs → OKIPAGE 14e → OKIPAGE 14e Status Monitor.**

! ***See page 22 for information on using the Status Monitor.***

USB Connection - Windows 2000

❑ Turn on your computer and wait for it to boot up.

❑ Turn on your printer. The USB driver will automatically load.

❑ Found New Hardware Wizard appears. Click **Cancel**.

! ***To fully install all the necessary software, use the following install procedures with the OKIPAGE 14e CD.***

Install the Printer Driver and Status Monitor

❑ Insert the OKIPAGE 14e CD into your CD-ROM drive.

❑ Click **Start → Run**.

❑ Browse to your CD-ROM drive and double-click INSTALL.EXE in the root directory. Click **OK**.

❑ The OKI Menu Installer appears. Select a language.

❑ Click the button beside **Printer Software** and follow the on-screen instructions, selecting the LPT1 port. You can change your port selection once the installation is completed.

! ***You can click a button on the Menu Installer to:***
- ***View Help Support and Information***
- ***Register your printer online***
- ***Select a different language***

❑ Click **Finish**. Exit the Menu Installer.

Select the USB printer port:

❑ From the Windows Taskbar, click **Start → Settings → Printers**. Right-click the OKIPAGE 14e icon, then click **Properties\Ports**.

❑ Scroll down and select USB001 in the "Print to the Following port" list. Click **Apply**. Click **OK**.

Open the Status Monitor:

❑ Click **Start →Programs → OKIPAGE 14e → OKIPAGE 14e Status Monitor.**

! ***See page 22 for information on using the Status Monitor.***

Using the Status Monitor

With the status monitor open, printer status messages pop-up on your computer screen, and printer menu settings can be modified using the on-screen operator panel.

! ***Printer features selected in your application software will override settings in the on-screen operator panel.***

Three tabs include the following information:

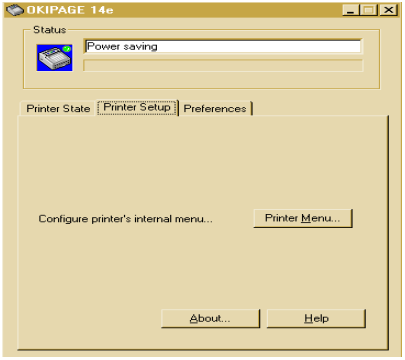
- **Printer State** - (*shown here*) shows the printer status and current job status.
- **Printer Setup** – gives you access to the Printer Setup dialog (printer driver control).
- **Preferences** - sets the behavior and appearance of the status monitor.

Click the Help button for a description of each feature.

Refer to the User Manual for information on status monitor troubleshooting.

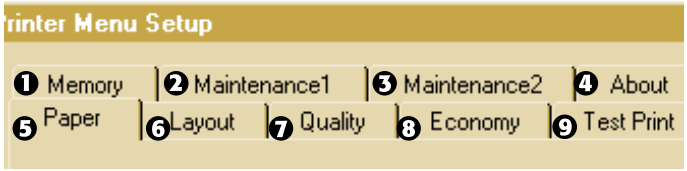
Using the Printer Menu Setup

The printer menu setup is designed to perform as an interactive software “front panel” for accessing the printer’s menu from your computer. To invoke the printer menu setup, open the status monitor, click the **Printer Setup** tab, then click the Printer Menu button. Click the Help button for an explanation of each feature.



! ***Printer features set in your application software will override printer menu settings.***

Click on the appropriate tab to see the menu settings.



1 Set raster buffer, font protection, total memory, and receive buffer.

2 Reset menu, drum count, interface.

3 Set display language, page placement, print position, print error report, and power save enable.

4 Access printer hardware and firmware information.

5 Select paper source, weight, size, transparencies.

6 Adjust lines per page, orientation, edit size, and select emulation (PCL, IBM®, EPSON®).

7 Set print output quality, darkness setting.

8 Set power save delay time, toner save.

9 Print demo page, font page, menu settings, cleaning page.

Using Power Save to Minimize Warm-up Time

To minimize the printer's warm-up time between print jobs, adjust the Power Save feature in the Printer Menu Setup:

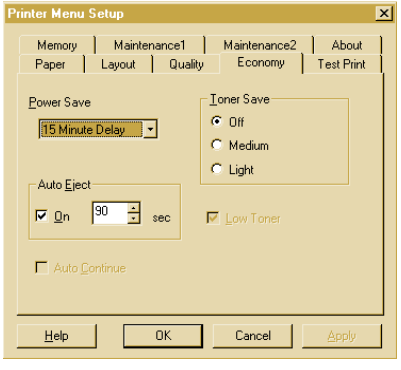
1 From the Windows Taskbar, open the Windows **Programs** list.

2 Choose **OKIPAGE 14e** and click **OKIPAGE 14e Status Monitor**.

The Status Monitor appears.

3 Select the Printer Setup tab and press **Printer Menu**.

4 In the Printer Menu Setup, select the **Economy** tab as shown below.



5 In the **Power Save** menu, choose a higher setting to delay power save mode (*default setting is 15 min.*)

6 Click **Apply**. Click **OK**.

To Disable Power Save

1 Open the Status Monitor.

2 Select the **Printer Setup** tab.

3 Click the Printer Menu button.

4 Select the **Maintenance 2** tab.

5 Under **Setting Power Save**, click the **Setting** button.

6 Clear in the **Enable Power Save** box. Click **OK.**

Uninstall Printer Software

If you want to remove the printer driver or status monitor from your hard drive, use the following procedure:

1 Click **Start → Settings → Printers**

2 Highlight the **OKIPAGE 14e Printer** icon.

3 Click **File** from the Menu bar.

4 Click **Delete**. Click **Yes**.

5 Click **Yes**. Click **OK**.

To remove the status monitor:

1 Click **Start → Settings → Control Panel**.

2 Double-click **Add/Remove Program**.

3 On the **Install/Uninstall** tab, select the **OKIPAGE 14e Software**.

4 Click the **Add/Remove** button. Click **Yes**.

5 Click **OK** when removal is complete.

Internet Support

www.okidata.com

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www.okidata.com is Oki Data's web site. It provides general information about all of the OKI products and services available to you.

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- Get web-based support for all OKI products: 24 hours a day, 7 days a week—no waiting!
- Download the printer drivers you need.
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- Access on-line versions of your product documentation (manuals) and support information.
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Register your printer and sign up:

- Using the OKIPAGE 14e CD Menu Installer, simply click the **On-Line Registration** button.
- By visiting our website at **http://www.okidata.com** and clicking on **Product Registration.**
- You can also register your printer by filling out the enclosed registration form and mailing it or faxing it in.