

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

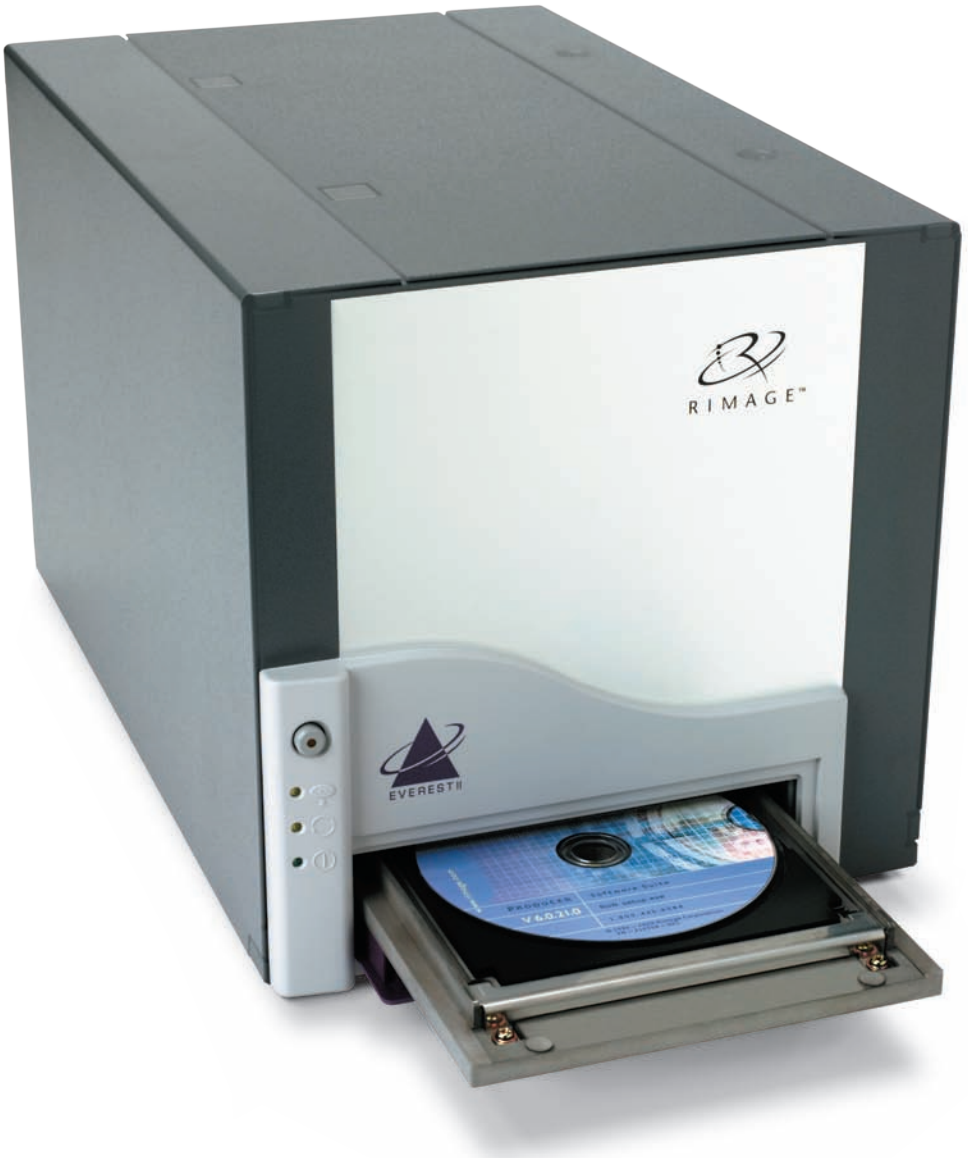
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

RIMAGE™



Everest™ Printer
User Guide

Benutzerhandbuch ● ユーザー ガイド ● Manuel d'utilisation ● Guía del usuario ● Manuale per l'utente

Corporate Headquarters:

Rimage Corporation
7725 Washington Avenue South
Minneapolis, MN 55439
USA

800 553 8312 (toll free US)
Service: +1 952 946 0004
(International)
Fax: +1 952 944 6956

European Headquarters:

Rimage Europe GmbH
Hans-Böckler-Straße 7
63128 Dietzenbach, Germany

Tel: +49-(0) 6074-8521-0
Fax: +49-(0) 6074-8521-21

CD and DVD Recording Software Disclaimer

This Product, Software, or Documentation may be designed to assist you in reproducing material in which you own the copyright or have obtained permission to copy from the copyright owner. Unless you own the copyright or have permission to copy from the copyright owner, you may be violating copyright law and be subject to payment of damages and other remedies. If you are uncertain about your rights, you should contact your legal advisor. If you are neither in possession of the copyright nor have authorization from the owner of the copyright, unauthorized copying of CDs or DVDs violates national and international legislation and can result in severe penalties.

Rimage Corporation reserves the right to make improvements to the equipment and software described in this document at any time without any prior notice. Rimage Corporation reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of Rimage Corporation to notify any person or organization of such revisions or changes.

This document may contain links to web sites that were current at the time of publication, but may have moved or become inactive since. This document may contain links to sites on the Internet that are owned and operated by third parties. Rimage Corporation is not responsible for the content of any such third-party site.

©2006, Rimage Corporation

Rimage™ is a trademark of the Rimage Corporation. Everest Printer™ is a trademark of the Rimage Corporation. Dell® is registered trademark of Dell Computer Corporation. FireWire® is a registered trademark of Apple Computer, Inc. Macintosh® is a registered trademark of Apple Computer, Inc.

All other trademarks and registered trademarks are the property of their respective owners.

Rimage Everest Printer

Support information

US, Asia/Pacific, Mexico/Latin America	Europe
Rimage Corporation 7725 Washington Avenue South Minneapolis, MN 55439 USA Attn: Rimage Services Service: North America: 800-553-8312 Asia/Pacific, Mexico/ Latin America: 952-946-0004 FAX: 952-946-6956	Rimage Europe GmbH Hans-Böckler-Straße 7 63128 Dietzenbach, Germany Tel: +49-(0) 6074-8521-0 FAX: +49-(0) 6074-8521-21 Rimage Europe Technical Website http://www.rimage.de/support.html Select the appropriate Support link to learn more. If you cannot find a solution on our website, email Rimage Services, Europe at support@rimage.de.

When you contact Rimage Services, please provide:

- Unit serial number and software version.
- Functional and technical description of the problem.
- Exact error message received.

Learn more online

At www.rimage.com/support.html, you can experience Rimage's world-class Support and Services.

1. Select your product family.



2. Select your product.



3. Learn more on your product page.



From your product page you can access:

- Information about the latest software and firmware updates
- Product specifications
- Troubleshooting tips and FAQs
- The latest documents
- Printing tips
- Current firmware and driver downloads

Contents

Introduction 1

Printer Requirements 1

Operating System requirements 1
Media requirements 1
Ribbon requirements 1
Label design requirements 2

Identify the parts of the Everest printer 3

Front view 3

Control panel 4

Rear view 5

Everest printer switches 6

Operate the Everest printer 7

Powering on and off the Everest printer 7

Installing the Everest printer driver 7

Installing the Everest printer driver on Windows 7
Installing the Everest printer driver on Macintosh 8

Placing a CD on the printer drawer 9

Setting up your printing preferences on a Windows PC 10

Navigate to printing preferences 10
Setting media size, media type, orientation, and ribbon type 11
Setting print quality, color matching, and image adjustments 12
Setting the printable area 13
Adjusting the print alignment and color density 14

Setting up your printing preferences on a Macintosh 15

Navigate to printing preferences 15
Setting media type, ribbon type, and print quality 15
Setting color matching, brightness, and threshold 16
Setting the printable area 17
Adjusting the print alignment and color density 18

Maintain the Everest printer 19

Maintenance schedule 19

Changing the print ribbon 20

Changing the retransfer ribbon 22

Cleaning the Everest printer 24

Clean the print head 24
Clean the tacky rollers 25
Clean the air filter 26
Clean the platen roller 27

Learn More 29

Everest Printer Specifications 29
Technical support and product updates 30
Safety information 30
Safety testing 31
Rimage Everest Printer Limited 1 Year Warranty 32

Introduction

This manual provides the information needed to operate the Rimage Everest printer, identify the parts, and configure printing preferences. To unpack and set up your Everest printer, refer to the *Everest Unpacking and Setup Instructions* included with your product.

Printer Requirements

Operating System requirements

The Rimage Everest printer is compatible only with Windows® 2000 and XP, and Macintosh® OSX v 10.3/10.4.

Media requirements

You must use discs that are coated with a surface designed for thermal retransfer printing. The media in Rimage Media Kits™ is designed for optimum use in the Everest printer.

For more information about Rimage Media Kits™ – convenient packages of thermal retransfer-printable discs and ribbons, all guaranteed by Rimage – contact Rimage at 800-445-8288.

Ribbon requirements

The Everest printer requires a print ribbon and a retransfer ribbon. The standard print ribbon has three colors: Cyan, Magenta, and Yellow (CMY). These three colors combine in printing to create full color discs. Print ribbons are also available in black and CMY+White (CMY+W).

Ribbons	Part Number	Number of Discs Printed
3-Color (CMY)	202944-001	500
4-Color (CM+W)	202945-001	375
Black (monochrome)	202946-001	1000
Retransfer ribbon	203384-001	1000

Label design requirements

The Everest printer Windows compatible software ships with a label editor called CD Designer™, which is installed on your PC during a typical installation of the Rimage software. If you have a Windows based PC, you can use CD Designer to design your labels.

✎ **Note:** CD Designer is not Macintosh compatible and will not be installed with the Macintosh compatible software.

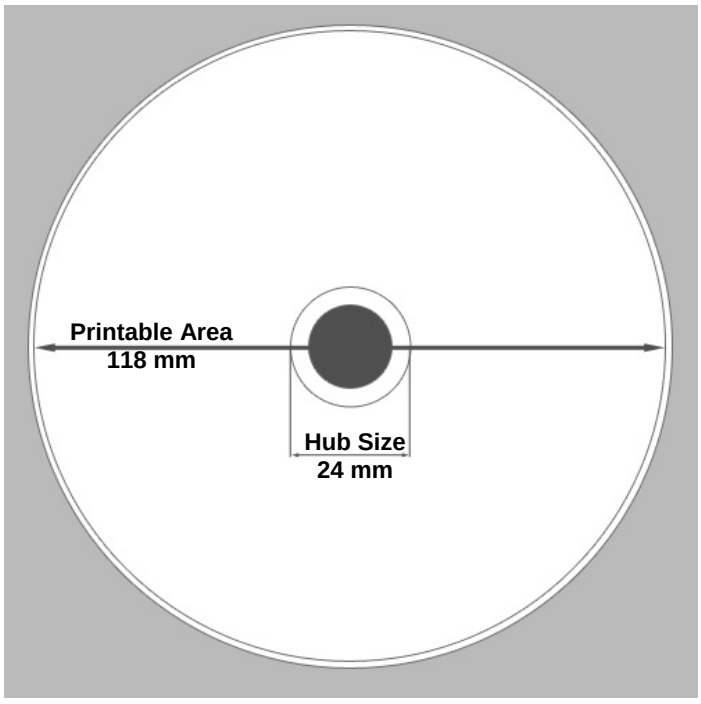
If you have another software application that you prefer, or if you are using a Macintosh computer, you can create a label and save it as an Acrobat®(.pdf) file, a .jpg file, or a .tiff file.

ⓘ **Important!**

- If you are using a standalone Everest printer or an AutoEverest AutoPrinter, you can print using a label file designed in any program.
- If your Everest printer is on a Rimage autoloader (except the AutoEverest AutoPrinter) **and** using Windows compatible software, only the Acrobat (.pdf) or CD Designer (.btw) file can print directly to the Everest printer.

To create a label with a software application other than CD Designer, use the following criteria:

- Color depth – Save the artwork for the label with the color set to millions of colors.
- DPI – Use pictures or logos set to 300 DPI (Dots Per Inch).
- Label design size – A full size disc is 120 mm (4.723”). The hole is 15mm (0.59”). The printable area and hub sizes vary depending on the disc manufacturer.

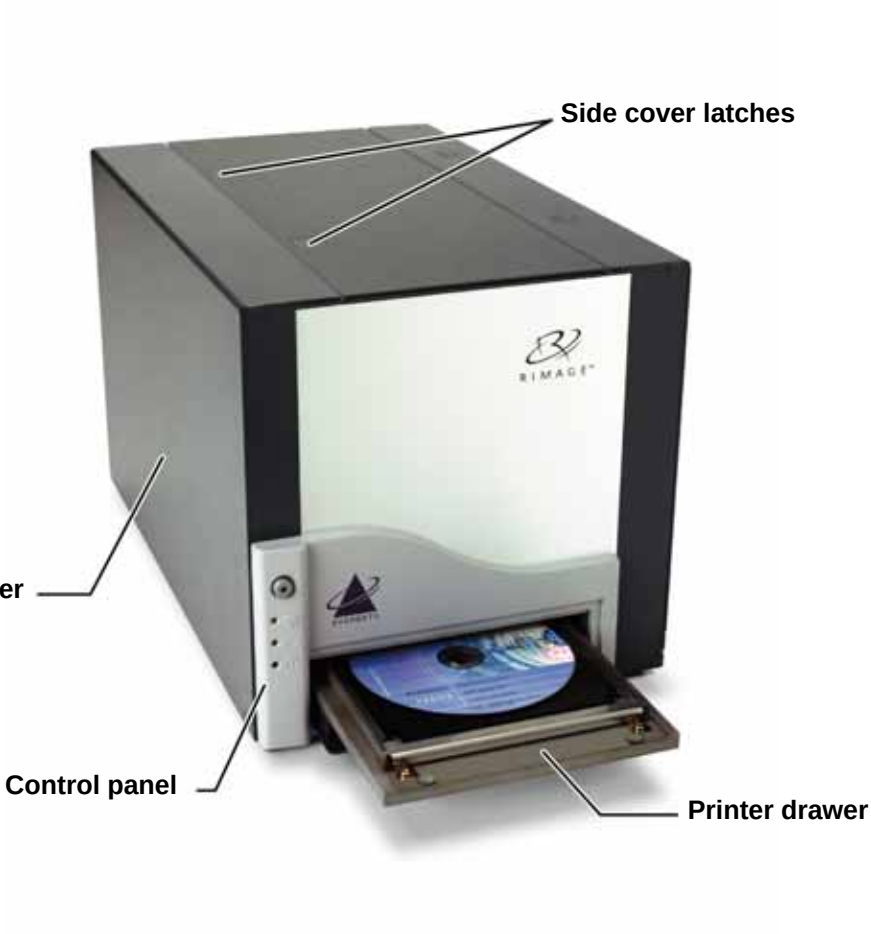


- Media – The media that is in Rimage Media Kits™ has a printable area of 24-118 mm. On most labels, print settings of 24 mm and 118 mm are recommended. For more information about Rimage Media Kits™ – convenient packages of thermal retransfer-printable discs and ribbons, all guaranteed by Rimage – contact Rimage at 800-445-8288.

Identify the parts of the Everest printer

This section describes the Everest printer hardware and features.

Front view



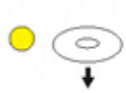
Control panel



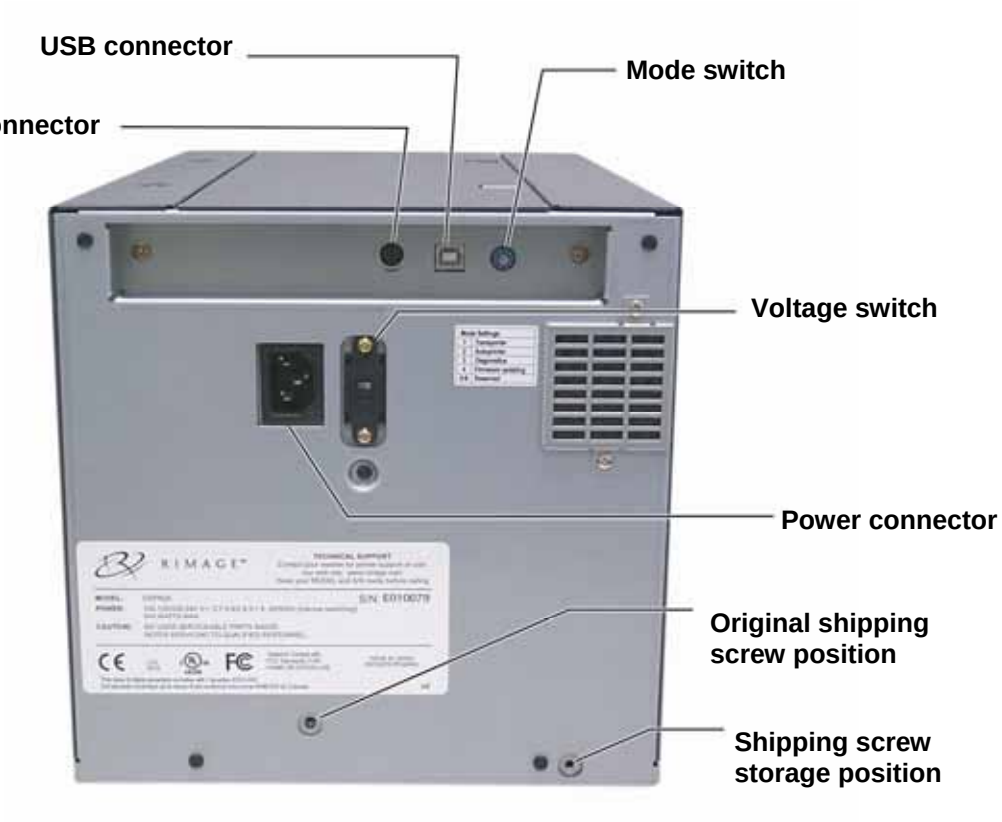
The control panel, located on the front of the printer, includes an operator button and four indicator lights. The control panel allows you to monitor and control the Everest printer.

Tip: If all indicator lights are blinking, the printer did not initialize properly. To correct this issue:

1. Remove the **power cord**. The Everest printer powers down.
2. Set the **mode switch** to the proper position. For more information, refer to the table on page 6.
3. Reconnect the **power cord**. The Everest printer powers on.

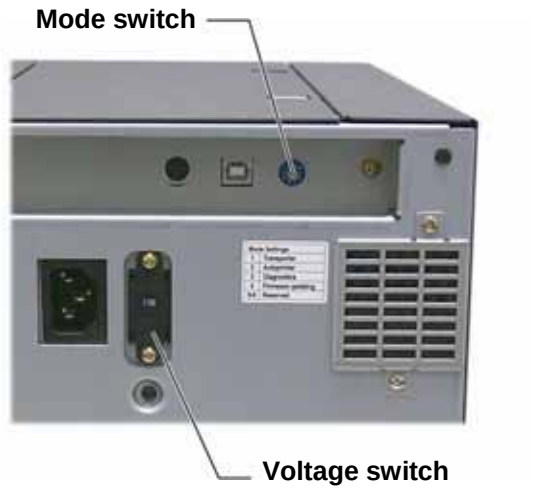
Image	Name	Functionality
	Operator Button	The **operator button** is used to complete the following tasks: • Open the printer drawer • Close the printer drawer • Reset after an error • Put the printer in sleep mode **Tip:** To put the printer into sleep mode, press and hold the **operator button** for 10 seconds. Press the **operator button** again to resume normal operation.
	Error indicator light	The **error indicator light**, located on the operator button, illuminates when operator action is required.
	CD Present indicator light	The **CD present indicator light** illuminates when a CD is placed on the drawer or when the CD is properly clamped. The **CD present indicator light** flashes when an Everest print latch is open or a ribbon is not detected.
	Active indicator light	The **active indicator light** illuminates when the printer has completed initialization. The **active indicator light** flashes when the Everest printer is receiving data from the host.
	Power indicator light	The **power indicator light** illuminates when the Everest printer is powered on.

Rear view


USB connector
Mode switch
Serial connector
Voltage switch
Power connector
Original shipping screw position
Shipping screw storage position

Everest printer switches

There are two switches on the rear of the Everest printer: the mode switch and the AC voltage switch.

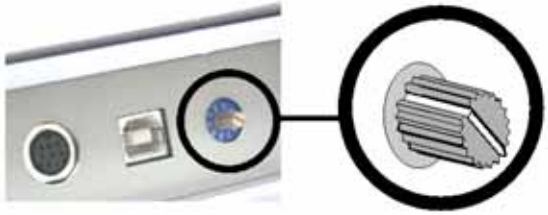


Mode switch

Important! You must power off the Everest printer before changing the mode switch.

The mode switch is a rotary switch used to set the operational mode of the Everest printer. The printer must be powered off for the mode to be changed. After changing the mode, the printer must be powered on again to recognize the change. The recessed line on the switch indicates the selected mode.

Important: The mode switch must be set to match your equipment type.

Switch Position	Mode	Mode Switch
0	Everest standalone	
1	Rimage autoloader	
2	AutoPrinter	
3	Diagnostic	
4	Firmware update	
5 – 9	Reserved	

AC voltage switch

The AC voltage switch is used to select the AC voltage of the power outlet.

Warning! Set the AC voltage switch to match the AC voltage of the AC power outlet!

Operate the Everest printer

This section provides the information needed to use your Everest printer.

Powering on and off the Everest printer

The Everest printer does not have a power switch:

✎ **Note:** The printer will go into sleep mode if it is idle for more than 30 minutes. When this occurs, the printer will take 2-3 minutes to warm up after a job is sent to the printer.

- If the Everest printer is on an autoloader, the printer is powered on when the autoloader is powered on. To power off the Everest printer, power off the autoloader.
- If the Everest printer is a standalone printer, connect the power cord from the Everest printer to a power outlet to power on the printer. To power off the Everest printer, disconnect the power cord.

Installing the Everest printer driver

Before printing, you must install the printer driver. **If your Rimage Everest printer was included with an autoloader that has an embedded PC or a control center, the Everest printer driver is already installed.**

Before you begin:

1. Connect the **USB cable**.
2. Connect the **power cord**.
3. Ensure that the Everest printer is powered on.

   ✎ **Note:** If the Everest printer is a standalone printer (not on an autoloader), the Everest printer will power on when you connect the power cord. If the Everest printer is on an autoloader, the Everest printer will power on when you power on the autoloader. For more information, refer to 'Powering on and off the Everest printer' on page 7.
4. If the *Found New Hardware Wizard* opens, select **Cancel**.
5. On the computer, close all applications.

Installing the Everest printer driver on Windows

ⓘ **Important:** If an older version of the Everest printer driver was previously installed, remove the previous version before installing the new one.

ⓘ **Important!** To install the Everest printer driver on the PC, you must have administrative privileges.

1. Place the software CD in the PC disc drive.
2. **Navigate:** Start > Run > Browse.
3. From the software CD, select the Everest printer driver **Setup.exe** file.
4. Follow the prompts to complete the installation.

Installing the Everest printer driver on Macintosh

Important! To install the Everest printer driver, you must log on with an administrator account.

1. Install the printer driver.
   a. Insert the software CD in the computer disc drive.
   b. Run the **Rimage Everest Installer**.
   c. Select the **Install** button. The installation begins.
   d. When the installation is complete, select **Quit**. The installation completes and the installation window closes.
2. Add the Everest printer to your printer list.

- **Using OSX v 10.4**
  a. **Navigate:** System Preferences > Print & Fax. The *Print & Fax* window opens.
  b. From the *Print & Fax* window, select . The *Printer Browser* window opens.
  c. From the ***Printer Name*** list, select **CDPR21**.
  d. Select **Add**. The printer is added to the printer list and the *Printer Browser* window closes.
  e. Close the *Print & Fax* window.

- **Using OSX v 10.3**
  a. **Navigate:** System Preferences > Print & Fax. The *Print & Fax* window opens.
  b. From the *Print & Fax* window, select **Setup Printers**. The *Printer List* window opens.
  c. From the *Printer List* window, select **Add**. The *Printer List* window updates to display available printers.
  d. From the printer list popup menu, select **USB**. In the printer list, *CDPR21* displays.
  e. From the printer list, select **CDPR21**.
  f. Select **Add**. The printer is added to your printer list and the *Printer List* window closes.
  g. Close the *Print & Fax* window.

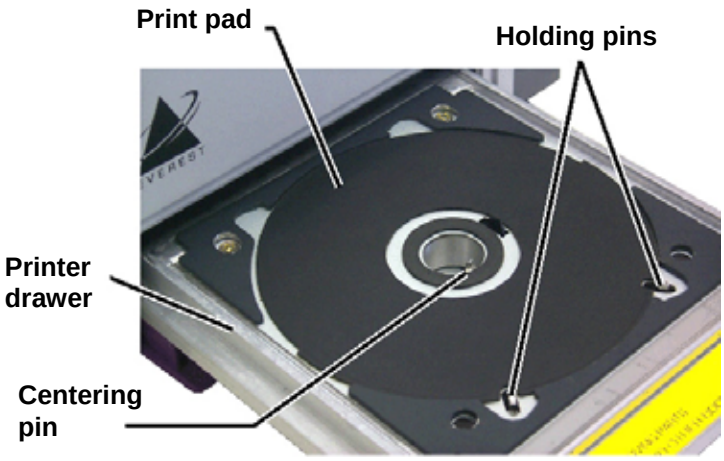
Placing a CD on the printer drawer

Use this procedure to place a disc on the printer drawer.

Important! To avoid scratching or damaging the recording surface of the disc, you must place the disc properly on the printer drawer.

1. To open the printer drawer, press the **operator button**.
2. Place the disc on the **print pad** with the printable surface facing up and the stacking ring facing the print pad.

   Important: The disc must not rest on the holding pins or the centering pin.



Setting up your printing preferences on a Windows PC

Printing preferences allows you to set up your Everest printer to produce the best possible labels on your discs.

Navigate to printing preferences

Use either procedure below to navigate to the Everest Printing Preferences.

Accessing Printing Preferences through Windows Start menu

✎ **Note:** Using this method, printing preferences are saved in the printer driver settings. If you are printing labels from CD Designer, use the procedure below.

1. **Navigate:** Start > Settings > Printers.
2. Right-click on the appropriate Everest printer. The dropdown menu displays.
3. From the dropdown menu, select *Printing Preferences*. The *Rimage Everest II Printing Preferences* dialog opens.

Accessing Printer Preferences through CD Designer

✎ **Note:** Using this method, printing preferences are saved with the label file and are used instead of the printer driver settings.

1. Open the desired label file in CD Designer.
2. From the ***File*** menu, select **Print**. The *Print* window opens.
3. From the ***Printer Name*** dropdown list, select **Everest**.
4. Select the **Document Properties** button. The *Rimage EVEREST Properties* dialog opens.

Accessing Printer Preferences when printing PDFs

Use the procedure below to access printing preferences for PDF files.

⓵ **Important!** The procedure below applies only if you are printing PDF labels using a Rimage autoloader (except the AutoEverest AutoPrinter).

1. **Navigate:** Start > Settings > Printers.
2. Right-click on the appropriate Everest printer. The dropdown menu displays.
3. From the dropdown menu, select *Properties*. The *Rimage Everest II Properties* dialog opens.
4. From the *Rimage Everest II Properties* dialog, select the ***Advanced*** tab.
5. At the bottom of the ***Advanced*** tab, select **Printing Defaults…** The *Rimage Everest II Printing Defaults* dialog opens.

Setting media size, media type, orientation, and ribbon type

1. Navigate to printing preferences (refer to page 10).
2. Select the ***Main*** tab.
3. View or change the printing preferences.
   a. From the ***Media Type*** dropdown list, select the appropriate **Media Type**.
   b. From the ***Media Size*** dropdown list, select the appropriate **Media Size**.
   c. Select the desired number of copies.
   d. Select the desired **Orientation**.
   e. From the ***Ribbon*** dropdown list, select the appropriate **Ribbon Type.**

      If you select **CMY+White** ribbon, select **Manual** or **Auto**:

      - Select the **Manual** radio button to send one color label file and then manually send another label file telling the printer where to apply the white background.
      - Select the **Auto** radio button option to automatically print a white background.

        If you select **Auto**, select **Complete White Undercoat** or **Make Pure White Transparent** from the dropdown list.

        - The **Complete White Undercoat** selection applies a white background to the entire printable area of the disc. The printable area is defined on the ***Advanced*** tab.
        - The **Make Pure White Transparent** selection does not print the areas of a label that are pure white.
4. When you have made the desired choices, select **Apply**.
5. To close the *Preferences* window, select **OK**.

Setting print quality, color matching, and image adjustments

1. Navigate to printing preferences (refer to page 10).
2. Select the ***Advanced*** tab.
3. View or change the printing preferences.
   a. From the *Print Quality* pane, select the desired **Print Quality**.
   b. From the *Color Matching* pane, select the desired **Color Matching.**

      ✎ **Note:** The default setting for color matching is **CMYK.**

   c. From the ***Image Adjustments*** dropdown list, select **None, High contrast, Vivid color,** or **Custom**.

      If you select **Custom**:

      i. Select the **Settings** button. The *Custom Settings* window opens.
      ii. From the dropdown list, select the desired **Print Threshold** settings.
      iii. To adjust image contrast and saturation, move the **Contrast** and **Saturation** sliders.
      iv. To close the *Custom Settings* window, select **OK**.
4. When you have made the desired choices, select **Apply**.
5. To close the *Preferences* window, select **OK**.

Setting the printable area

This functionality allows you to adjust the printable area settings for standard CD/DVD 120 mm media. This allows you to set the outer and inner diameters to print the disc label without overlapping the disc edges.



Tip: Most discs like the one shown above have the following printable areas:

Standard Area

Outer Diameter 118 mm

Inner Diameter 38 mm

Hub Area

Outer Diameter 35 mm

Inner Diameter 24 mm



Tip: Most discs like the one shown above have the following printable areas:

Outer Diameter 118 mm

Inner Diameter 24 mm

1. Navigate to printing preferences (refer to page 10).
2. Select the ***Advanced*** tab.
3. View or change the printing preferences.
   a. To print on the disc hub, in the *Printable Area* pane, select **Print on Hub**.
   b. To modify the printable area, select **Modify**. The *Printable Area Settings* window opens.
   c. In the *Standard Settings* pane, enter:
      - The desired outer diameter
      - The desired inner diameter
   d. To print on a disc with a stacking ring, in the *Hub Settings* pane, enter:
      - The desired outer diameter
      - The desired inner diameter
   e. To apply the settings, select **OK**.
   f. To close the window without applying the settings, select **Cancel**.
4. When you have made the desired choices, select **Apply**.
5. To close the *Preferences* window, select **OK**.

Adjusting the print alignment and color density

1. Navigate to printing preferences (refer to page 10).
2. Select the ***Utility*** tab.
3. From the ***Utility*** tab, select **Status Monitor**. The *Status Monitor* dialog displays minimized on your taskbar.
4. From your taskbar, select the *Status Monitor.* The *Status Monitor* dialog is active.

   Tip: On the ***Status*** tab, you can view information about the Everest printer such as the current firmware version, the progress of a print job, the installed ribbon type, and the percentage of retransfer sheet remaining.
5. Select the ***Printer Information*** tab.
6. View or change the Print Alignment Settings.
   a. From the *Print Alignment Settings* pane, select the **Modify** button.
   b. Select the desired print alignment settings.
7. View or change the Color Density Settings.
   a. From the *Color Density Settings* pane, select the **Modify** button.
   b. Select the desired color density settings.
8. To close the *Status Monitor* dialog, select **Close**.

Setting up your printing preferences on a Macintosh

Printing preferences allow you to set up your Everest printer to produce the best possible labels on your discs.

✎ **Note:** The location of the preferences described in this section will change depending on the program used to print the label file.

Navigate to printing preferences

1. Open the label file in the application of your choice.
2. From the ***File*** menu, select **Print**. The *Print* dialog opens.
3. From the ***Printer*** dropdown list, select **CDPR21**.

Setting media type, ribbon type, and print quality

1. Navigate to printing preferences (refer to page 15).
2. From the presets pane popup menu select **Everest II Settings**. The *Everest II Settings* pane displays.
3. View or change the printing preferences.
   a. From the ***Media Type*** dropdown list, select the appropriate media type.
   b. From the ***Ribbon*** dropdown list, select the appropriate ribbon type.

      If you select **CMY + White** from the ***Ribbon*** dropdown list, from the ***Mode*** dropdown list select one of the following options:

      - The **Auto: Complete white undercoat** selection applies a white background everywhere on the printable area of the disc.
      - The **Auto: Make Pure white transparent** selection makes pure white areas of an image transparent.
      - **Manual: Step 1 (CMY)** and **Manual: Step 2 (White)** allow you to manually determine where a white background is applied.

   c. Select the desired print quality.
4. When you have made the desired choices, select **Print**.

Setting color matching, brightness, and threshold

1. Navigate to printing preferences (refer to page 15).
2. From the presets pane popup menu select **Everest II Colors**. The *Everest II Colors* pane displays.
3. View or change the printing preferences.
   a. From the ***Color Matching*** dropdown list, select the desired color matching.
   b. From the ***Matching Method*** dropdown list, select the desired matching method.
   c. To modify the image brightness, move the **Brightness** slider.
   d. From the ***Threshold*** dropdown list, select the desired threshold.
4. When you have made the desired choices, select **Print**.

Setting the printable area

This functionality allows you to adjust the printable area settings for standard CD/DVD 120 mm media. This allows you to set the outer and inner diameters to print the disc label without overlapping the disc edges.



Tip: Most discs like the one shown above have the following printable areas:

Standard Area

Outer Diameter 118 mm

Inner Diameter 38 mm

Hub Area

Outer Diameter 35 mm

Inner Diameter 24 mm



Tip: Most discs like the one shown above have the following printable areas:

Outer Diameter 118 mm

Inner Diameter 24 mm

1. Navigate to printing preferences (refer to page 15).
2. From the presets pane popup menu select **Printable Area Settings**. The *Printable Area Settings* pane displays.
3. View or change the printing preferences.
   a. To increase or decrease the printable area, enter the desired values in the ***Outer*** and ***Inner*** fields.
   b. To set the printable area for a disc with a stacking ring, select **Advanced**. The advanced settings display.
      i. To print on the inner hub of the disc, select **Print on Hub**.
      ii. In the ***Outer Hub*** and ***Inner Hub*** fields, enter the desired settings.
4. When you have made the desired choices, select **Print**.

Adjusting the print alignment and color density

In the Everest II Utility, you can adjust the print alignment and the color density.

Tip: The Everest II Utility allows you to view information such as the current firmware version, the serial number, and the installed ribbon type. Through the Everest II Utility, you can also update your printer firmware.

1. Navigate to the Everest II Utility.

   Note: The settings in the Everest II Utility can be modified only when the Everest printer is idle (no jobs currently printing).

   a. **Navigate:** System Preferences > Print & Fax. The *Print & Fax* window opens.

   b. If you are using OS X v10.3, in the *Print & Fax* window, select **Set up Printers**. The **Printer** list opens.

   c. From the printer list, select **CDPR21.** The *CDPR21* window opens.

   d. From the CDPR21 toolbar, select ***Utility***. The *Everest II Utility* opens.

2. In the Everest II Utility, select the ***Alignment*** tab. The alignment settings display.

3. View or change the alignment settings.

   a. To modify the horizontal alignment, in the *Horizontal Alignment Settings* pane, move the **All Color** slider.

   b. To modify the vertical alignment, in the *Vertical Alignment Settings* pane, move the **Color** and **Monochrome** sliders.

4. View or change the color density settings.

   a. In the Everest II Utility, select the ***Density*** tab. The density settings display.

   b. To modify the color density settings, in the *Color Density Settings* pane, move the **Cyan**, **Magenta**, and **Yellow** sliders.

   c. To modify the grayscale density settings, in the *Grayscale Density Settings* pane, move the **Black** slider.

5. To save the modified settings, select **Save**.

   Or

   To close the window without saving your changes, select **Quit**.

Maintain the Everest printer

Important! For optimum performance, keep the Everest printer in a clean, dust-free environment.

To keep the Everest printer operating at optimum performance, you must maintain the Everest printer. Maintenance tasks and frequency are described in the table below.

Maintenance schedule

Task	Frequency	
Change the print ribbon	3-Color Ribbon (CMY)	After 500 discs
	4-Color Ribbon (CMY+W)	After 375 discs
	Black Ribbon (monochrome)	After 1000 discs
Change the retransfer ribbon	After 1000 discs	
Clean the print head	Every 500 discs (every time you change the print ribbon)	
Clean the tacky rollers	Every 500 discs (every time you change the print ribbon)	
Clean the air filter	Every 500 discs (every time you change the print ribbon)	
Clean the platen roller	As needed The platen roller should be cleaned only if you notice a diminished print quality, such as white specks, on the printed disc.	

Required tools:

Tip: For best results, use the Everest cleaning kit, which includes the tools listed below.

- Sponge swabs with long handles
- High grade isopropyl alcohol

Changing the print ribbon

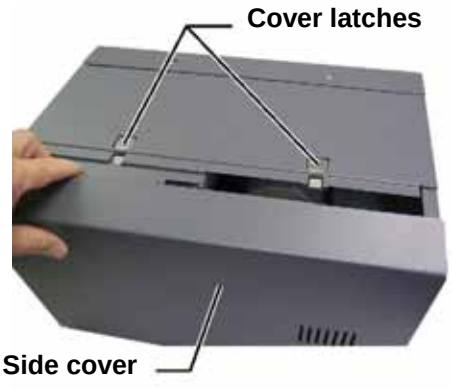
Before changing the Everest print ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and/or humidity differences.

Important! Ribbons must be stored at a temperature between 50°– 90°F (10–32°C). Avoid moisture and direct sunlight. Do not reuse ribbons.

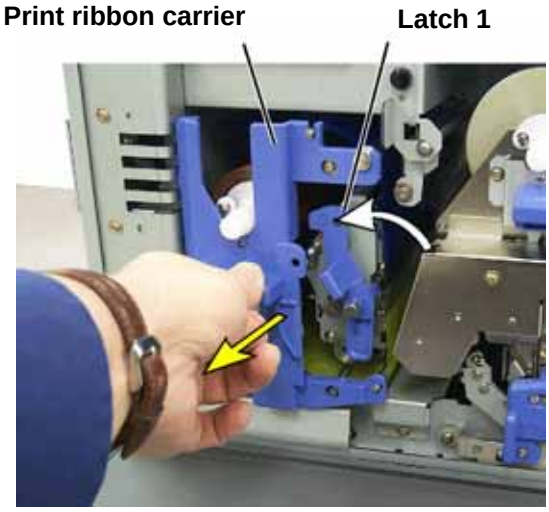
Before you begin:

Power off the **printer**.

1. Remove the **print ribbon**.
   a. Press the **two cover latches** to release the side cover.
   b. Lower the **side cover**.



   c. Turn **latch 1** counter-clockwise.
   d. Remove the **print ribbon carrier**.
   e. Remove the **print ribbon** from the carrier.
2. Discard the used **print ribbon**.



Tip: Perform cleaning procedures while the print ribbon is removed. Refer to 'Cleaning the Everest printer' on page 24.

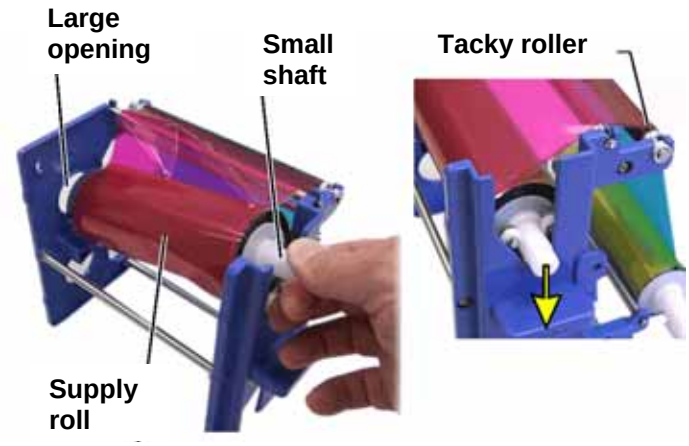
3. Install the new **print ribbon**.
   a. Remove the new **ribbon** from the packaging.
   b. Install the **supply roll** end of the **print ribbon** on the top of the carrier.
   c. Insert the **large shaft** in the large opening and press the **small shaft** into place.

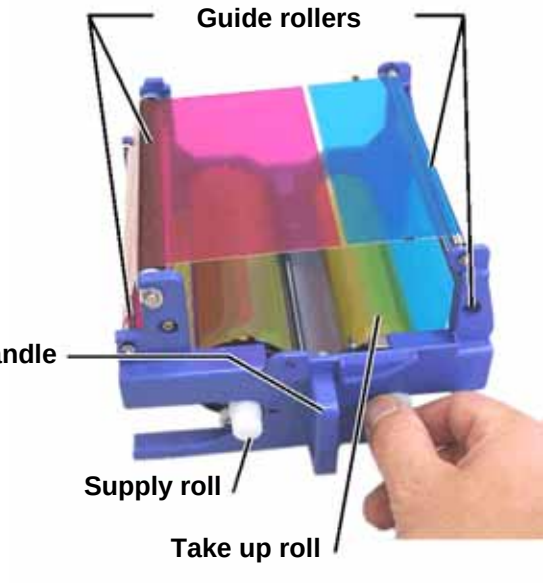
      Note: The ribbon must come over the tacky roller.

   d. Wrap the ribbon around the **guide rollers**.
   e. Install the **take up roll**.
   f. Rotate the **take up roll** so the ribbon is aligned and lies flat.

      Tip: You may need to lift the ribbon up from the tacky roller to straighten it.

      Note: If you installed a monocolor ribbon, advance the ribbon so the ink portion of the ribbon is advanced to the take up roll.





4. Reassemble the **printer**.
   a. Slide the **carrier** into the printer.
   b. Close **latch 1**.
   c. Close the **side cover**.
5. Power on the **printer**. The printer is ready.

Changing the retransfer ribbon

Before changing the Everest retransfer ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and/or humidity differences.

Ribbons must be stored at a temperature between 50°– 90°F (10–32°C). Avoid moisture and direct sunlight. Do not reuse ribbons.

Before you begin:

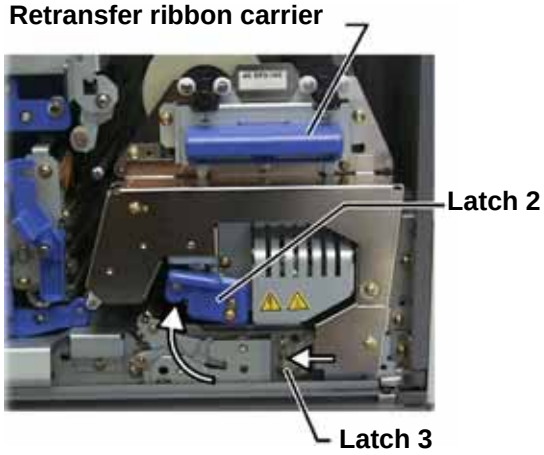
Power off the **printer**.

1. Remove the **retransfer ribbon.**
   a. Press the **two cover latches** to release the side cover.
   b. Lower the **side cover**.
   c. Open **latches 1**, **2**, and **3**.
   d. Pull out the **retransfer ribbon carrier**.

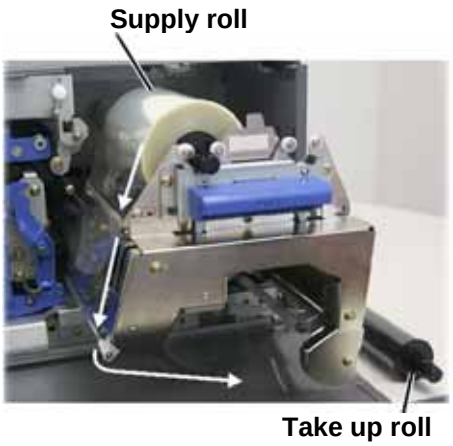
      ✎ **Note:** The **retransfer ribbon carrier** cannot be removed from the printer.

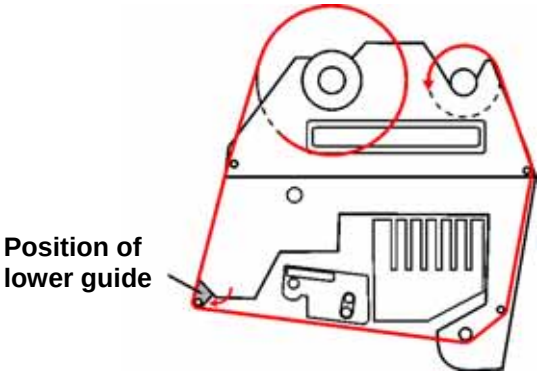
   e. To remove the **retransfer ribbon** from the carrier, lift the **retransfer rolls** up and carefully slide the **retransfer ribbon** from the **retransfer ribbon carrier**.





2. Discard the used **retransfer ribbon**.
3. Install the new **retransfer ribbon**.
   a. Remove the **retransfer ribbon** from the packaging.
   b. With the supply roll on the left side, slide both **retransfer rolls** under the retransfer ribbon carrier.
   c. Install the **supply roll** on the left side of the carrier and snap the roll into place.
   d. Bring the **take up roll** up and around the guide rollers and snap the roll into place.
   e. Ensure that the **retransfer ribbon** is aligned and straight across all the ribbon guides.
   f. To take up the **ribbon** slack, turn the take up roll counterclockwise





4. Reassemble the **printer**.
   a. Slide the **retransfer carrier** into the printer.
   b. Close **latches 1**, **2**, and **3**.
   c. Close the **side cover**.
5. Power on the **printer**. The printer is ready.

Cleaning the Everest printer

Clean the print head

Before you begin:

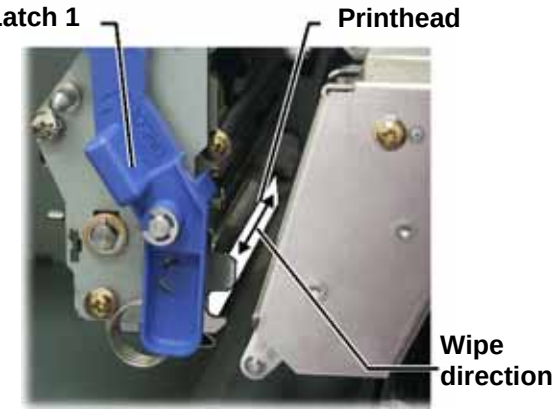
Power off the **printer**.

1. Access the **print head**.
   a. Press the **two cover latches** to release the side cover.
   b. Lower the **side cover**.
   c. Open **latch 1**.
   d. Remove the **print ribbon carrier**. For specific instructions, refer to page 20.

2. Clean the **print head.**

   Caution! Wipe the print head from one end to the other. Do not stop wiping in the middle of the print head.

   Caution! Do not scratch the print head. The white area in the picture shows the area to clean.



   a. Apply **isopropyl alcohol** to the **sponge swab**.
   b. Use the **sponge swab** to wipe across the **print head** from one end to the other.
   c. Repeat as needed until the **print head** is clean of dust and debris.
   d. Use the **sponge swab** to remove any waxy buildup from the roller below the print head.

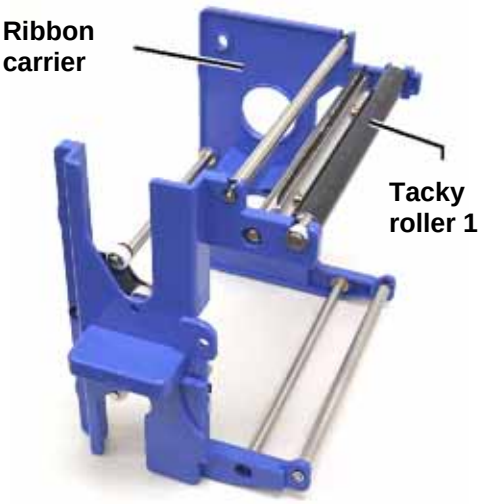
3. Prepare the **printer** for use.
   a. Install the **print ribbon carrier**.
   b. Close all **latches**.
   c. Close the **side cover**.
   d. Power on the **printer**. The printer is ready.

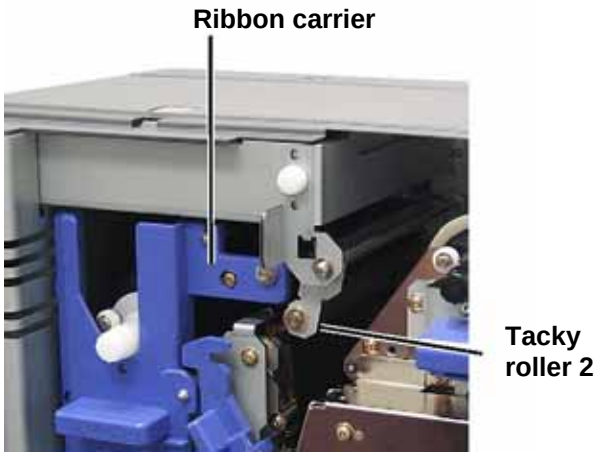
Clean the tacky rollers

Before you begin:

Power off the **printer**.

1. Remove the **print ribbon.** For specific instructions, refer to page 20.
2. To access the tacky rollers, remove the **supply roll** (the unused portion) of the **print ribbon** from the **print ribbon carrier**.
3. Clean the **tacky rollers.**
   a. Apply **isopropyl alcohol** to the sponge swab.
   b. Use the **sponge swab** to clean **tacky roller 1**.
   c. Use the **sponge swab** to remove any waxy buildup from other parts of the **ribbon carrier**.
   d. Reinstall the **supply roll** on the print ribbon carrier.
   e. Inside the printer, use the **sponge swab** to wipe **tacky roller 2**.
4. Prepare the **printer** for use.
   a. Install the **print ribbon carrier**.
   b. Close all **latches**.
   c. Close the **side cover**.
   d. Power on the **printer**. The printer is ready.





Clean the air filter

Before you begin:

Power off the **printer**.

1. Remove the **air filter**.
   a. At the rear of the Everest printer, remove the **two screws** holding the fan cover.
   b. Remove the **air filter**.
2. Clean the **air filter**.
   a. Use water to clean the **air filter**.
   b. Allow the **air filter** to dry.



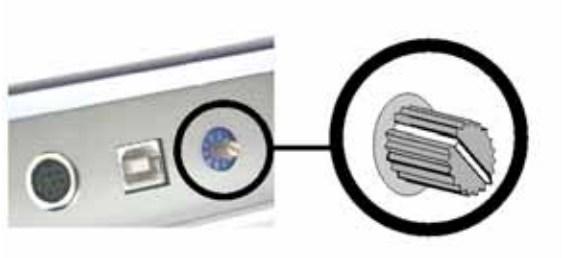
3. Prepare the **printer** for use.
   a. When the **air filter** is dry, place it inside the **fan cover**.
   b. Use the **two screws** to attach the **fan cover**.
   c. Power on the **printer**. The printer is ready.

Clean the platen roller

Important! The platen roller should be cleaned only if you notice a diminished print quality, such as white specks on the printed disc.

Before you begin:

1. Ensure that the printer is powered off.
2. At the back of the printer, change the **mode switch** to position 3 (Diagnostic Mode).
3. Power on the **printer**.

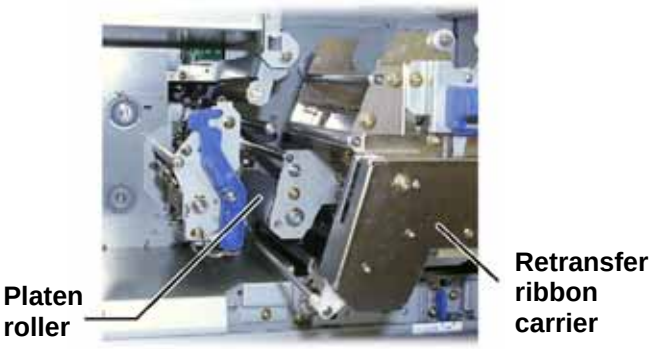


1. Access the **platen roller.**
   a. Press the **two cover latches** to release the **side cover**.
   b. Lower the **side cover**.
   c. Open **latches 1**, **2**, and **3**.
   d. Remove the **print ribbon carrier**. For specific instructions, refer to page 20.
   e. Pull out the **retransfer ribbon carrier**. For specific instructions, refer to page 22.

   Note: The retransfer ribbon carrier cannot be removed from the printer.
2. To access and select diagnostic 1, press and hold the **operator button** for 2 seconds. The platen roller rotates and the front panel Active indicator light blinks.
3. Clean the **platen roller**.

   Caution! Do not apply pressure when cleaning the platen roller with the sponge swabs. Applying pressure may damage the platen roller, leaving scratch marks on the printed disc.

   a. Apply **isopropyl alcohol** to the **sponge swab**.
   b. As the platen roller rotates, use the **sponge swab** to wipe the **platen roller**, allowing it to rotate a full turn before moving to the next area.



4. Press and release the **operator button** to exit diagnostics mode.
5. Power off the **printer**.

6. Prepare the **printer** for use.
   a. Install the **print ribbon carrier**.
   b. Install the **retransfer ribbon carrier**.
   c. Close all **latches.**
   d. Close the **side cover**.
   e. Turn the **mode switch** to the correct operating position. For more information, refer to page 6.
   f. Power on the **printer**. The printer is ready.

Learn More

Everest Printer Specifications

Item	Description
Printing Speed (including drawer cycle time)	60 seconds or less for CMY color coverage. 66 seconds for CMY+W First print is 5 minutes, which includes warm-up time.
Printing Modes	Monochrome, CMY, and CMY+W
Print Quality	Equivalent of 160 LPI (Lines Per Inch) using variable dot technology
Media Types	CDs or DVDs with Everest-compatible coating
Ribbons	Monochrome (Black) CMY (Cyan, Magenta, and Yellow) CMY+W (Cyan, Magenta, Yellow, and White)
Ribbon Capacity	Retransfer Ribbon = 1000 discs Black Ribbon = 1000 discs CMY Ribbon = 500 discs CMY+W Ribbon = 375 discs
Physical Properties	9.5” H x 9.5” W x 15.35” D (24.2 cm x 24.2 cm x 39.0 cm) Depth with print drawer extended – 22.25” or 56.5 cm Left side cover open for print ribbon replacement – add additional 9.1” or 23 cm 44 lbs (20 Kg) Shipping Weight – 49 lbs
Interface	USB (Universal Serial Bus) – B type connector
Power	100-240 VAC, 50-60 Hz, 500 Watts, 3.9 Amps at 115 VAC/ 2.9 Amps at 220 VAC.
Operating Temperature	59° F to 86° F (15 ° C to 30° C)
Relative Humidity	30% to 70% non-condensing
Minimum System Requirements	**Windows-based PC** Pentium 300 or better with 128MB RAM Windows 2000 or XP USB port **Macintosh computer** G3 or better with 128 MB RAM Macintosh OS X v 10.3/10.4 USB port

Technical support and product updates

Support for the Rimage Everest printer is available through your authorized reseller.

Important: Register your Rimage Everest printer so we can notify you of upgrades as they become available.

Safety information

This manual and the indications on the product allow proper and safe operation. The indication marks below help protect you and other persons from injury, and equipment from damage.

Warning! According to ANSI (American National Standards Institute) standards, a warning is used to indicate situations that could result in bodily injury to personnel operating or maintaining the equipment.

Caution: Indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.

To ensure safety, please read the precautions in the User Guide and familiarize yourself with their meaning before using the equipment.

Safety Precautions

Warning! This printer has a voltage slide switch on the back of the unit. Before use, check that it is set to the correct voltage. Please do not use any voltage other than 110VAC or 220VAC. This could result in a fire and an electric shock.

Warning! Do not disassemble or use tools on the printer. All service procedures should be performed by an authorized field technician, or sent in for repair. Do not service the printer with the power cord plugged in the AC outlet.

Warning! The front bezel of the printer can be opened by hand. Do not insert your fingers.

Warning! Do not touch the heater roller.

Warning! The interior of the printer contains sharp edges.

Warning! Keep out of reach of children.

Caution! Any equipment that has AC line voltage, or low DC voltages, such as switches, power supplies, fuses, fans, non-stepper motors, must be replaced with Rimage–approved components to maintain the safety approval issued by UL.

Caution! This printer has no power switch. Power is disconnected completely by unplugging the cable. Rimage recommends installing the printer in a position that allows immediate disconnection of the power cable. Always hold the plug when disconnecting the cable from the outlet.

Caution! Do not use the printer if it is overheating, or an abnormal smell is detected. This may result in a fire and an electric shock. In case of heating or abnormal smell, immediately disconnect the cable from the outlet. Contact your dealer for repairs.

Caution! This product is designed for an office environment.

Caution! Allow sufficient free space for opening the printer drawer. Do not touch the printer drawer while it is moving.

Caution! If the side cover is opened while power is supplied, the printer will stop. Never reach into the printer while it is operating. Do not attempt to bypass the door interlock.

Safety testing

Product name: Everest printer

Model: CDPR21

Notice for USA

Federal Communications Commissions (FCC) Statement
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.

Additional FCC Statement
Any unauthorized modification to this equipment may result in the revocation by the FCC of the user's authority to operate this equipment.

Product Safety Statement
This product complies with UL 1950 3rd Edition.

Notice for Canada

Canadian Department of Communications (DOC) Statement
This digital apparatus does not exceed the Class A limits for radio noise for digital apparatus specified in the Radio Interference Regulations of the Canadian Department of Communications.

Product Safety Statement
This product complies with CSA C22.2 No. 950.

Notice for Europe

This product is in conformity with the EMC Directive (89/336/EEC) and the Low-Voltage Directive (73/23/EEC) through compliance with the following European standards:
EN60950, EN55022 (Class B), EN55024, EN61000-3-2, EN61000-3-3. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.

Rimage Everest Printer Limited 1 Year Warranty

Rimage warrants, to the original end user only, that all non-consumable parts of the Everest Printer or Everest II Printer will be free from defects in material or workmanship for 12 months, according to the following terms:

- Rimage will replace or repair, at Rimage's discretion, any non-consumable parts found defective within the Warranty period.
- Valid from the date Rimage ships the product to you.
- Factory depot repair:
    - To Rimage’s location in Minnesota from a location within the US or Canada with a typical response of 15 business days.
    - To Rimage’s location in Germany from a location in Europe with a typical response of 15 business days.
    - To Rimage Minnesota from a location that is not in the US or Canada with a typical response of up to 25 business days.
- Advanced Replacement, or faster response Maintenance Contracts are available for an additional fee.
- Rimage will pay ground service freight charges for components shipped to you.

The use of non-Rimage certified parts may void this warranty.

This Warranty **does not** include the following:

- Work done at the customer's location, or customer's loss of data.
- Shipment costs of equipment or components returned to the Rimage factory.
- Equipment malfunctions as a result of repairs made by technicians who are not authorized or certified by Rimage.
- Software and/or firmware enhancements released after purchase of the product.
- Equipment or parts that were tampered with, misused, neglected, or that were modified in any respect without the written consent of Rimage.
- Equipment or parts that have been damaged due to shipping or accidents, or damaged by lightning, storms, water, or power surges.
- Printer consumables including ribbons, retransfer sheets, or print head.

You may not assign this Warranty without Rimage's written consent. Rimage is the intended beneficiary of this Warranty; if there is any inconsistency between this Warranty and any other agreement included with or relating to Rimage products, this Warranty shall govern. If any term of this Warranty is illegal or unenforceable, the legality and enforceability of the remaining provisions are not affected or impaired. This Warranty is to be interpreted under the laws of the State of Minnesota, without giving effect to conflict of law rules.

Rimage must receive written notice of any claimed defect or failure to perform within five (5) days after such failure or defect is first observed. For warranty service, call Rimage at (952) 946-0004.

The Limited Warranty set forth above is Rimage's only Warranty in connection with the Rimage Everest family of Perfect Image® CD printers. All other Warranties, whether written or oral, express or implied, contractual or statutory, including, but not limited to any Warranties of merchantability or fitness for any particular purpose are specifically excluded and disclaimed. In no event shall Rimage's liability under this Warranty exceed the obligation to repair or replace, at Rimage's discretion, a Warranted product, and, without limiting the foregoing, Rimage's liability under this Warranty shall not exceed the cost of the covered product.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP