

Rimage Everest III

Thermal Re-transfer Disc Printer



Product

Everest III, which is an enhanced version of Rimage's pioneering thermal retransfer printing technology, enables users to create custom, colorful, high-resolution labels bonded directly to the surface of CDs and DVDs - a permanent solution essential for many retail, medical and banking/finance applications. Enhancements include increased color accuracy, added hardware and software functionality, and enhanced ribbon communication, resulting in a combination of unmatched reliability, long print run capabilities, print permanence and the industry's lowest cost per disc.

*Increased color accuracy, added functionality,
and enhanced ribbon communication*

The Everest III utilizes Rimage's patented retransfer printing process. The CMY panels are first printed to a clear re-transfer ribbon inside the printer. Then, using heat and pressure, the printed image and a layer of the clear ribbon are applied to the disc. The finished product emerges dry, durable, and ready to handle. The final effect is amazing - a colorful, high resolution, disc with your choices of photos, graphics, text, bar codes, you name it - in less than 57 seconds.

CD-Designer label creation software is also included with the Everest III. This software allows the you to import graphics and text. Features include serialization, bar codes, and data merging capabilities. However, you don't need to be limited to the tools provided because the printer works well with such industry-standard graphics and design software.

The pigmented ink on the Everest III ribbons is UV protected, ensuring vibrant colors throughout the life of a disc. Everest III disc printing will pass any sunshine or dashboard test you devise - a significant advantage over other disc printers. And because the ink is not water based, you will never see a smeared Everest III disc. Everest III printing also won't scratch off, you'll ruin the disc before you can scratch the label. This enables discs to be used for commercial distribution because Everest III printed discs can withstand the rigors of day-to-day consumer handling.

The Everest III employs an innovative variable dot technology, where the dots composing an image vary in size, resulting in sharper images with greater detail. In addition, the MicroDry ink is actually a thermal resin that contains pigment. This dry technology produces a dot with a fine edge. Consequently, dots per inch, or DPI, does not accurately reflect the print resolution. A better measure is lines per inch (LPI), and that is where Everest III truly shines. Silk-screen printing typically produces 85-120 LPI, and magazines are generally offset printed at 150 LPI. Everest III prints labels at 173 LPI color or monochrome, that is better than silk-screen!

Full color printing for photo-realistic images, monochrome printing for special effects or economy, white media, silver media - all are possible with Everest. The Everest III printing ribbons are on an easy-to-change carriage so even when a ribbon change is required, it's easy and can be done in less than a minute.

Specifications

Printing Speed (For CMY color coverage)	Normal mode: 60 seconds Best mode: 78 seconds	
Printing Modes	Note: The first print takes 5 minutes, which includes warm-up time. Monochrome, CMY, and CMY + W	
Print Quality	Equivalent of 300 pixels per inch.	
Media Requirements	Use Rimage Media Kits™ for optimum recording and print performance.	
Print Ribbon Requirements	Monochrome (Black) CMY (Cyan, Magenta, and Yellow) CMY+W (Cyan, Magenta, Yellow, and White)	
Ribbon Capacity	Monochrome Ribbon: 1000 discs CMY Ribbon: 500 discs CMY+W Ribbon: 375 discs Retransfer Ribbon (standard): 1000 discs Retransfer Ribbon (optional): 500 discs	
Physical Size	9.7" H x 9.4" W x 14.8" D (24.6 cm x 24.0 cm x 37.5 cm) Depth with print tray extended: 22.25" (56.5 cm) Left side cover open for print ribbon replacement – add additional 9" (23 cm) Weight: 40.8 lbs (18.5 kg) Weight with packaging: 50.7 lbs (23.0 kg)	
Interface	USB 2 (Universal Serial Bus) – B type connector	
Power	100 – 120V 500W or 220 – 240V 500W 50 / 60 Hz (manual switching)	
Operating Conditions	Temperature 59° to 86° F (15° to 30° C) Humidity 30% to 80%, non-condensing	
Printer Storage Requirements	Temperature -13° to 104° F (-25°C to 50° C), Humidity up to 90%	
Ribbon Storage Requirements	Note: Values are for the printer without a print ribbon or retransfer ribbon. Temperature 41° to 95° F (5° to 35° C), Humidity 45% to 85%	
Operating System Requirements	Windows-based PC Pentium 300 or better with 128MB RAM Windows XP Professional with SP2 or higher, Windows 2000 with SP4, or Windows Server 2003 USB port	Macintosh computer G3 or better with 128 MB RAM Macintosh OS X version 10.3/10.4 USB port