

EPSON®

COLOR SCANNER

PERFECTION® 4870 PHOTO/PRO

Value, versatility, quality beyond compare.

With superior 4800 x 9600 dpi resolution, DIGITAL ICE™ Technology, and premium software titles, the high-value Epson Perfection 4870 Photo and Epson Perfection 4870 Pro enables brilliant restorations of photos, transparencies, and more. Each accommodates film as large as 4" x 5" or up to twenty-four 35mm negative images simultaneously using a built-in 6" x 9" transparency unit. With sharpness and resolution comparable to that of more expensive dedicated film scanners, these groundbreaking products provide the flexibility to automatically scan and restore film or faded and damaged photos.

Each of these performers offers a revolutionary digital scanning solution, complete with leading-edge technology and high-speed connectivity options. Their astounding performance, paired with their extraordinary price points, makes each a valuable partner for creating professional quality scans from virtually any original.



Epson Perfection 4870 Photo
Epson Perfection 4870 Pro





Minimum System Requirements

Windows® and Macintosh® Requirements

- 300MB of available hard disk space (800MB recommended)
- CD-ROM drive (4x or faster)
- Available USB 2.0 or IEEE 1394 connection port and device drivers
- USB 1.1/2.0 compatible operating system and applications (USB 2.0 recommended for optimum performance)
- 128MB RAM (256MB recommended)

Additional Windows Requirements

- PC with Pentium® equivalent or higher processor
- USB: Windows 98 Second Edition (factory installed), Windows 2000 Professional (factory installed or upgraded from Windows 98 factory installed), Windows Me (factory installed) or Windows XP Home Edition/XP Professional (factory installed or upgraded from factory installed Windows 98/2000/Me)
- IEEE 1394 (FireWire): Windows 2000 Professional (factory installed), Windows Me (factory installed) or Windows XP Home Edition/XP Professional (factory installed or upgraded from factory installed Windows 98/2000/Me)

Additional Macintosh Requirements

- iMac,™ or any G3, G4 or G5 with built-in USB
- USB: Mac OS 8.6 to 9.x, OS X 10.2.x or later
- IEEE 1394 (FireWire): Mac OS 8.6 to 9.x (FireWire updater 2.1 or later required), OS X 10.2.x or later



Scanner Technology

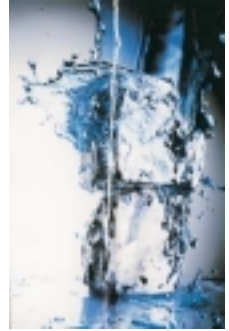
Key Features

- **Superior 4800 x 9600 dpi resolution**
 - Delivers extraordinary image quality and detail
- **48-bit color depth and exceptional dynamic range (up to 3.8 Dmax)**
 - Produces smooth gradations and intricate shadow detail from negatives and transparencies
- **State-of-the-art DIGITAL ICE Technology**
 - Automatically corrects tears, scratches, folds, and creases on both film and photos
- **Versatile, built-in transparency unit (6" x 9") with moving light source**
 - Scans up to twenty-four 35mm negatives images simultaneously
 - Offers faster scans and better image quality
- **Innovative Epson Easy Photo Fix™ technology**
 - Offers automatic color restoration and dust removal features
 - Includes three convenient scanning modes for maximum control and flexibility
- **Hi-Speed USB 2.0* and FireWire® (IEEE 1394) connectivity**

* Compatible with Windows® only

DIGITAL ICE Technology

State-of-the-art DIGITAL ICE Technology facilitates brilliant restorations of scratched or torn originals.



Before



After



Before



After

One-touch Color Restoration

Epson Easy Photo Fix technology makes color restoration easier than ever. With one quick touch, it automatically scans and restores faded photos and transparencies.



The Pro Advantage

With a host of professional software titles, the Epson Perfection 4870 Pro offers expansive color management features. Its advanced controls ensure easy image corrections for perfect results every time.

LaserSoft® SilverFast® Ai 6

This powerful graphics program gives you control over highlights, shadows, sharpness and gradations, as well as selective or global color settings.

MonacoEZcolor™

This color management software makes it easy to build ICC profiles for your scanner and printer, ensuring accurate, consistent color between images. It includes IT8 targets for both film and photos.

ArcSoft® PhotoBase™

The perfect solution to manage and organize your digital photos

ArcSoft PhotoStudio®

Full 48-bit photo editing/retouching software with image enhancement tools, a user-friendly interface, and convenient customizable features

ArcSoft PanoramaMaker™

A fun, easy way to combine images and create brilliant panoramic photos

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SPECIFICATIONS

Scanner Type

Flatbed color image scanner

Photoelectric Device

Epson MatrixCCD™ line scanner

Maximum Scan Area

8.5" x 11.7" (216mm x 297mm)

Optical Resolution

4800 dpi

Hardware Resolution

4800 x 9600 dpi maximum with Micro Step Drive™ technology

Maximum Resolution

12,800 x 12,800 dpi with software interpolation

Effective Pixels

40,800 x 56,160 pixels (4800 dpi)

Color Depth

48-bit internal/48-bit external¹

Grayscale Depth

16-bit internal/16-bit external¹

Optical Density

3.8 Dmax

Scaling (zoom)

50% to 200% (1% step)

Interface

USB 1.1/2.0, IEEE 1394 (FireWire)

Light Source

White cold cathode fluorescent lamp

Scanning Speed (4800 dpi, draft mode)

Monochrome 27 msec/line (approx.)

Full color 27 msec/line (approx.)

Included Software

Epson Perfection 4870 Photo

- Epson Scan
- Adobe® Photoshop® Elements 2.0
- ABBYY® FineReader® Sprint OCR
- LaserSoft SilverFast SE 6²

Epson Perfection 4870 Pro

- Epson Scan
- Adobe Photoshop Elements 2.0
- ABBYY FineReader Sprint OCR
- LaserSoft Imaging SilverFast Ai 6²
- MonacoEZcolor 2.5
- ArcSoft PhotoBase
- ArcSoft PhotoStudio
- ArcSoft PanoramaMaker

Warranty

One-year limited warranty in U.S. and Canada

¹ External bit depth is selectable depending on the image editing software

² LaserSoft SilverFast requires Mac OS 9.1 to 9.2.x, OS X 10.2.3 or later

EPSON®

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