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.

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 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

Specifications

<table>
<thead>
<tr>
<th>Color Scanner</th>
<th>Epson Perfection 4870 Photo</th>
<th>Epson Perfection 4870 Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scanner Type</td>
<td>Flatbed color image scanner</td>
<td>Flatbed color image scanner</td>
</tr>
<tr>
<td>Photoelectric Device</td>
<td>Epson MatrixCCD™ line scanner</td>
<td>Epson MatrixCCD™ line scanner</td>
</tr>
<tr>
<td>Maximum Scan Area</td>
<td>8.5&quot; x 11.7&quot; (216mm x 297mm)</td>
<td>8.5&quot; x 11.7&quot; (216mm x 297mm)</td>
</tr>
<tr>
<td>Optical Resolution</td>
<td>4800 dpi</td>
<td>4800 x 9600 dpi maximum with Micro Step Drive™ technology</td>
</tr>
<tr>
<td>Hardware Resolution</td>
<td>4800 x 9600 dpi maximum with Micro Step Drive™ technology</td>
<td>4800 x 9600 dpi maximum with Micro Step Drive™ technology</td>
</tr>
<tr>
<td>Maximum Resolution</td>
<td>12,800 x 12,800 dpi with software interpolation</td>
<td>12,800 x 12,800 dpi with software interpolation</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>40,800 x 56,160 pixels (4800 dpi)</td>
<td>40,800 x 56,160 pixels (4800 dpi)</td>
</tr>
<tr>
<td>Color Depth</td>
<td>48-bit internal/48-bit external¹</td>
<td>48-bit internal/48-bit external¹</td>
</tr>
<tr>
<td>Grayscale Depth</td>
<td>16-bit internal/16-bit external¹</td>
<td>16-bit internal/16-bit external¹</td>
</tr>
<tr>
<td>Optical Density</td>
<td>3.9 Dmax</td>
<td>3.9 Dmax</td>
</tr>
<tr>
<td>Scaling (zoom)</td>
<td>50% to 200% (1% step)</td>
<td>50% to 200% (1% step)</td>
</tr>
<tr>
<td>Interface</td>
<td>USB 1.1/2.0, IEEE 1394 (FireWire)</td>
<td>USB 1.1/2.0, IEEE 1394 (FireWire)</td>
</tr>
<tr>
<td>Light Source</td>
<td>White cold cathode fluorescent lamp</td>
<td>White cold cathode fluorescent lamp</td>
</tr>
<tr>
<td>Scanning Speed (4800 dpi, draft mode)</td>
<td>Monochrome: 27 msec/line (approx.)</td>
<td>Monochrome: 27 msec/line (approx.)</td>
</tr>
<tr>
<td></td>
<td>Full color: 27 msec/line (approx.)</td>
<td>Full color: 27 msec/line (approx.)</td>
</tr>
<tr>
<td>Included Software</td>
<td>Epson Perfection 4870 Photo</td>
<td>Epson Perfection 4870 Pro</td>
</tr>
<tr>
<td></td>
<td>- Epson Scan</td>
<td>- Epson Scan</td>
</tr>
<tr>
<td></td>
<td>- Adobe® Photoshop® Elements 2.0</td>
<td>- Adobe® Photoshop® Elements 2.0</td>
</tr>
<tr>
<td></td>
<td>- ABBYY® FineReader® Sprint OCR</td>
<td>- ABBYY® FineReader® Sprint OCR</td>
</tr>
<tr>
<td></td>
<td>- MonacoEZcolor 2.5</td>
<td>- MonacoEZcolor 2.5</td>
</tr>
<tr>
<td></td>
<td>- ArcSoft PhotoBase</td>
<td>- ArcSoft PhotoBase</td>
</tr>
<tr>
<td></td>
<td>- ArcSoft PhotoStudio</td>
<td>- ArcSoft PanoramaMaker</td>
</tr>
</tbody>
</table>

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 America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806
Epson Canada, Ltd.
3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z8

Specifications and terms are subject to change without notice. Epson is a registered trademark and MatrixCCD is a trademark of Seiko Epson Corporation. Epson Perfection is a registered trademark and Micro Step Drive is a trademark of Epson America, Inc. DIGITAL ICE is a trademark of Eastman Kodak Company. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. © Copyright 2003 Epson America, Inc.
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.

**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 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 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

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th><strong>Color Scanner</strong></th>
<th><strong>Perfection 4870 Photo/Pro</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scanner Type</strong></td>
<td>Flatbed color image scanner</td>
</tr>
<tr>
<td><strong>Photoelectric Device</strong></td>
<td>Epson MatrixCCD™ line scanner</td>
</tr>
<tr>
<td><strong>Maximum Scan Area</strong></td>
<td>8.5” x 11.7” (216mm x 297mm)</td>
</tr>
<tr>
<td><strong>Optical Resolution</strong></td>
<td>4800 dpi</td>
</tr>
<tr>
<td><strong>Hardware Resolution</strong></td>
<td>4800 x 9600 dpi maximum with Micro Step Drive™ technology</td>
</tr>
<tr>
<td><strong>Maximum Resolution</strong></td>
<td>12,800 x 12,800 dpi with software interpolation</td>
</tr>
<tr>
<td><strong>Effective Pixels</strong></td>
<td>40,800 x 56,160 pixels (4800 dpi)</td>
</tr>
<tr>
<td><strong>Color Depth</strong></td>
<td>48-bit internal/48-bit external¹</td>
</tr>
<tr>
<td><strong>Grayscale Depth</strong></td>
<td>16-bit internal/16-bit external¹</td>
</tr>
<tr>
<td><strong>Optical Density</strong></td>
<td>3.9 Dmax</td>
</tr>
<tr>
<td><strong>Scaling (zoom)</strong></td>
<td>50% to 200% (1% step)</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>USB 1.1/2.0, IEEE 1394 (FireWire)</td>
</tr>
<tr>
<td><strong>Light Source</strong></td>
<td>White cold cathode fluorescent lamp</td>
</tr>
</tbody>
</table>
| **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 6
| | Epson Perfection 4870 Pro
| | - Epson Scan
| | - Adobe Photoshop Elements 2.0
| | - ABBYY FineReader Sprint OCR
| | - LaserSoft Imaging SilverFast Ai 6
| | - MonacoEZcolor 2.5
| | - ArcSoft PhotoBase
| | - 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.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

**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
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.
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.

### 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 factory installed Windows 98/2000/Me)
- USB: 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 upgraded from factory installed Windows XP Home Edition/XP Professional)

**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

### 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**

3.9 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 6

- 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.x or later

---

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806
Epson Canada, Ltd.
3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5

Specifications and terms are subject to change without notice. Epson is a registered trademark and MatrixCCD is a trademark of Seiko Epson Corporation. Epson Perfection is a registered trademark and Micro Step Drive is a trademark of Epson America, Inc. DIGITAL ICE is a trademark of Eastman Kodak Company. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. © Copyright 2003 Epson America, Inc.