

# Epson<sup>®</sup> Perfection<sup>®</sup> V850 Pro Scanner



Scanners

Photo

## The pro-quality scanner with advanced control to archive film and photos.

**Professional quality color and detail** — get unparalleled scans with state-of-the-art 6400 dpi optical resolution<sup>1</sup> and advanced optics

**Remarkable tonal range and shadow detail** — 4.0 Dmax for smooth gradations and fine shadow detail

**Advanced optics** — high-reflection mirror and anti-reflective optical coatings ensure minimum optical distortion

**Epson's exclusive Dual Lens System** — automatically selects from two lenses for optimum results based on the media being scanned

**Automatically remove dust and scratches** — Digital ICE<sup>®</sup> Technologies remove many surface defects from film and prints to minimize costly retouching

**ReadyScan<sup>®</sup> LED light source** — for fast scans with no warmup time required

**Greater productivity** — batch scan multiple slides, negatives, medium- and large-format film with two sets of film holders (included)

**Do more with your film and photos** — SilverFast<sup>®</sup> SE PLUS and X-Rite<sup>®</sup> i1Scanner color management software included for added versatility and control

**Precision film scanning** — includes two sets of anti-Newton ring film holders; specialized fluid mount option available



\*At retail. Excludes specialty receipt scanners.<sup>2</sup>

**Specifications**

**Type**  
Flatbed color image scanner

**Photoelectric Device**  
Alternative 6 lines color Epson MatrixCCD®

**Optical Resolution¹**  
Epson Dual Lens System  
4800 dpi and 6400 dpi

**Maximum Hardware Resolution**  
4800 x 9600 dpi, 6400 x 9600 dpi  
with Micro Step Drive™ technology

**Maximum Interpolated Resolution**  
12,800 x 12,800 dpi

**Effective Pixels**  
40,800 x 56,160 (4800 dpi)  
37,760 x 62,336 (6400 dpi)

**Color bit depth**  
48 bits internal/external¹

**Monochrome bit depth**  
16 bits internal/external¹

**Optical Density**  
4.0 Dmax

**High Pass Optics**  
Anti-reflective optical coatings  
High-reflection mirror

**Maximum Reflective Scan Area**  
8.5" x 11.7"

**Light Source**  
ReadyScan LED technology

**Scanning Speed (4800 dpi, High-speed Mode)**  
Full color/monochrome 10.8 msec/line (approx.)

**Transparency adapter max size:**  
8" x 10"

**Transparency adapter using film holders/fluid mount:**  
5.9" x 9.74"

**Supported film size:**  
35mm slides (12 frames)  
35mm film strips (18 frames)  
Medium format film (1 frame, up to 6 x 20 cm)  
4" x 5" film (1 frame)

**Dust and Scratch Removal:**  
Digital Dust Correction via Epson Scan  
Digital ICE Technologies for Film and Prints  
Optional Fluid Mount (scanning fluid and supplies not included)

**Button**  
1 button, Epson Scan

**Software Included**

Epson Scan with Easy Photo Fix® technology  
LaserSoft Imaging® SilverFast SE PLUS  
X-rite i1Scanner with reflective/transparent IT8 targets

**System Requirements**

Windows® 8 – 8.1, Windows 7, Windows Vista®  
Windows XP, Windows XP Professional x64 Edition  
Mac OS® X 10.6.x – 10.10.x

**General**

**Reliability**  
MCBF: 100,000 cycles

**Connectivity**  
Hi-Speed USB 2.0

**Operating Temperature**  
41° to 95° F (5° to 35° C)

**Operating Humidity**  
10-80%, no condensation  
10-85%, no condensation (storage)

**Rated Input Voltage**  
AC 100 – 240V

**Rated Input Frequency**  
50-60 Hz

**Rated Output Voltage**  
DC 24V, 1A

**Power Consumption**  
Operation 23W  
Standby Mode 12W  
Sleep Mode <1.5W  
Power Off 0.3W

**Warranty**  
One-year limited warranty in the U.S. and Canada

**Dimensions (W x D x H)**

19.8" x 12.1" x 6"  
Weight 14.6 lb

**Eco Features**

- RoHS compliant
- Recyclable product<sup>4</sup>
- Epson America, Inc. is a SmartWay™ Transport Partner<sup>5</sup>

**What's In The Box**

Epson Perfection V850 Pro color scanner, 8" x 10" Transparency Unit (built into lid), Eight film holders: 35 mm slides, 35 mm film strips, medium format 6 x 20cm and 4" x 5" (two each), Film Area Guide, Scanner Software installation CD-ROM, LaserSoft Imaging SilverFast SE PLUS, X-Rite i1Scanner with reflective/translucent IT8 targets, Setup poster, Hi-Speed USB 2.0 cable, AC adapter and power cord

**Ordering Information**

|                           |            |
|---------------------------|------------|
| Epson Perfection V850 Pro | B11B224201 |
| Fluid Mount Accessory     | B12B818272 |

1 Optical resolution is the maximum scan resolution of the CCD elements, using the definition of ISO 14473.  
2 Based on U.S. and Canada NPD retail scanner databases, March 2013. NPD sample period CY2012.  
3 External bit depth is selectable to 48 bits/16 bits depending on the image editing software.  
4 For convenience and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle)  
5 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

**Better Products for a Better Future™**  
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Name

Email

Phone Number