

EPSON®

Epson Perfection 4990 Photo

The complete scanning solution for photographers

The Epson Perfection 4990 Photo is the ideal scanner for the professional photographer and enthusiast. It handles all standard film and photo formats, restores tired or damaged originals and delivers stunning quality scans which are ready to print, enlarge or archive.

Bringing film and photo scanning into focus

The Epson Perfection 4990 Photo has a powerful 4800 x 9600dpi resolution and 4.0DMax optical density. This ensures you retain the quality and colour of your originals, and enables you to produce amazingly clear, detailed enlargements.

With the large 8 x 10" film adapter, you are provided with the flexibility to scan multiple film formats and in large volumes, saving you time and trouble. It also has a moving blue Light Emitting Diode (LED) that enables you to track the progress of your scan.

And this scanning solution includes all the software you need for total control over your images. With Digital ICE™ you can restore precious memories by removing scratches, tears and dust from film and photos. While Epson Creativity Suite software allows easy image previewing and retrieval and the acclaimed SilverFast® SE6 and Adobe® Photoshop® Elements 2.0 enable image enhancement and editing.

Key features

- Scan at an impressive 4800 x 9600dpi resolution and 48 bit colour
- Get remarkable tone reproduction with 4.0DMax optical density
- Remove dust and scratches automatically with Digital ICE™
- Save time by scanning multiple originals with the large 8 x 10" film adapter
- Includes film holders for 35mm film and slides, medium and large format film
- Track scanning progress with moving blue LED
- Preview and retrieve your images with Epson Creativity Suite
- Enjoy faster scanning and easy connection with USB 2.0 and IEEE 1394 (FireWire)



Specifications

Model	Epson Perfection 4990 Photo
Basic	
Scanner Type	Flatbed colour image scanner
Optical Resolution	Main 4800dpi x Sub 9600dpi
Optical Density	4.0DMax
Document Size	216 x 297mm (A4, US Letter) 35mm strip film 6 frames x 4 6 x 12cm (120/220) medium format film x 3 frames 4" x 5" large format film x 2
Interface	USB 2.0 Hi-Speed (Type B receptacle connector x 1) IEEE 1394 (6 pin connector x 1)
Configuration	
Photoelectric Device	Alternate 6 lines colour Matrix CCD™ with Micro Lens 122,400 pixels (20400 x 2 lines x 3 colours)
Light Source	White cold cathode fluorescent lamp
Sub-scanning Method	Fixed document and moving carriage
Performance	
Output Resolution	50 – 6400, 9600, 12800dpi
Colours	Input: 48 bit (281.5 trillion colours) Output: 48 bit (281.5 trillion colours) 24 bit (16.7 million colours) 16 bit (65,536 greyscale levels) 8 bit (256 greyscale colours) 1 bit (monochrome)

Scan Speeds (24-bit)

Documents & Photos

Full Scanbed	Preview	7 secs
A4 Line Art	300dpi	12 secs
A4 Colour	600dpi	29 secs

Films & Transparencies

35mm Positive	2400dpi	57 secs
35mm Negative	2400dpi	58 secs
35mm Positive	4800dpi	113 secs
35mm Negative	4800dpi	93 secs

Functions

Image Quality Enhancer Grain Reduction, Color Restoration, Dust Removal, PRINT Image Matching™ II, Optimized Auto Exposure, Unsharp Mask with Noise Reduction, De-Screening with Document Type Optimizer, Tone Curve Adjustment with Histogram

Easy Scanning

1 Push Button, Standalone Application and Scan to File Feature, Multi Purpose User Interface, Multi Document Auto Detection, Multi Document Auto Cropping, Auto Skew Correction, Multi Marquee, Thumbnail Preview

Supported Platforms

USB 1.1

Microsoft® Windows® 98SE / Me / 2000 Professional / XP Home Edition / XP Professional (Pre-installed model or upgrade of Microsoft® Windows® 98 / Me / 2000 Professional pre-installed model) Mac OS® 10.2 or later (SilverFast®: Mac OS® 9.2 or later)

USB 2.0

Microsoft® Windows® XP Home Edition / XP Professional / 2000 Professional (Pre-installed model) Mac OS X® 10.2.7 or later
*USB 2.0 Host Driver by Microsoft® is required.

IEEE 1394 (FireWire)

Microsoft® Windows® Me / 2000 Professional / XP Home Edition / XP Professional (Pre-installed model or upgrade of Microsoft® Windows® Me / 2000 Professional pre-installed model) Mac OS® X 10.2.7 or later (SilverFast®: Mac OS® 9.2 or later)

Environmental Conditions

Temperature	5°C to 35°C (Operating)
Humidity	10% to 80% without condensation (Operating)

Electrical Specifications

Voltage	220 - 240V 50 - 60Hz
Power Consumption	27W (Operation), 18W (Standby Mode), 4.8W (Sleep Mode)

General

Dimensions (w x d x h)	304 x 476 x 134mm
Weight	Approx. 6.7kg
Warranty	1 year standard. Optional extension to 3 years

* To use the USB port, please consult the documentation provided with your PC for further information about USB connectivity. Please note that errors may occur if non-standard cables or multiple hub connections are used.

Scanning Speeds Note: Scanning speed test results vary according to system configuration, dpi setting, and scan mode settings.

Digital ICE™ scan times are dependant on the amount of dust & surface defects being removed.

In general, Digital ICE™ scan times are at least 2x non-Digital ICE™ scan times.

Digital ICE™ does not support traditional B/W nor Kodachrome films.



For further information please contact your local Epson office or visit www.epson-europe.com

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