

Superb BorderFree™ Prints A4 and 4R (4"x6")



Print with margin



No margin BorderFree™ Photo

Economical INKdividual™ Cartridges

Operating costs can be kept to a minimum, as replacement is required only for the ink that runs out.



EPSON's Unique Advanced Micro Piezo™ Head

This allows greater accuracy & increased coverage during a single pass, resulting in increased speed.

EPSON PERFECTION™ 3490 PHOTO



Scanning Speed Data Patterns
The thumbnail images below show the scanning patterns used to determine scanning speed specifications.



1 Line Art (MEMO)



2 Photo (Photo courtesy of ISO/IS-SCID. Reprinted by permission.)

System Configuration of Scanning Speed
CPU: Pentium 4, 3.2GHz
RAM: 1GB
I/F: USB2.0 Hi-Speed
OS: Windows XP Professional Edition
Software: Adobe Photoshop 7.0E

Scanning speed test results vary according to system configuration, dpi setting, and scan mode setting. However, documents and photos other than those pictured above can be substituted without significantly affecting test results.

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www.epson.com.sg
www.epsonphoto.com.sg

Specifications

Basic

Scanner Type	Flatbed colour image scanner	
Optical Resolution	Main 3200 dpi x Sub 6400 dpi	
Document Size	216 x 297mm (A4 + Letter)	35mm Strip film 4 frames
	33 x 162mm	35mm Mounted film 3 frames
Interface	USB2.0 (Type B standard connector x 1)	

Configuration

Photoelectric Device	Colour CCD line sensor with Micro Lens 81600 pixels (13600 x 2 Line x 3 colours)	
Light Source	White cold cathode fluorescent lamp	
Sub-Scanning Method	Fixed document and moving carriage	

Performance

Output Resolution	50 – 6400, 9600, 12800 dpi		
Colours	Internal	48 bit (281.5 trillion colours)	
	Output	48 bit (281.5 trillion colours)	
		24 bit (16.7 colours million)	
		16 bit (65,536 grayscale levels)	
		8 bit (256 grayscale levels)	
		1 bit Monochrome	

Scanning Speed

Reflective Scanning		Best Mode	Draft Mode
Monochrome ¹	A4 600dpi	4.1 msec/line	3.7 msec/line
	A4 3200dpi	14.5 msec/line	14.5 msec/line
24bit Colour ²	A4 600dpi	4.1 msec/line	3.7 msec/line
	A4 3200dpi	14.5 msec/line	14.5 msec/line

Film Scanning

35mm Positive film	3200dpi	80 sec	63 sec
35mm Negative film	3200dpi	121 sec	97 sec

Functions

Image Quality	Print Image Matching II Dust Removal for films Color Restoration Selectable tone of Auto Exposure Unsharp Mask with Noise Reduction De-Screening with Document Type Optimizer Tone Curve Adjustment with Histogram	Easy Scanning	4 Easy Push Buttons Stand-Alone Application and Scan to File Feature Multi Purpose User Interface Multi Document Auto Detection Multi Document Auto Cropping Auto Skew Correction Multi Marquee Film Scanning Thumbnail Preview
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Supported Platforms

USB1.1:
Microsoft® Windows® 98SE/ME/2000 Professional/ XP Home Edition/ XP Professional (Pre-installed model or upgrade of Windows® 98/Me/2000 Professional pre-installed model) Mac OS® X 10.2 or later

USB2.0:
Microsoft® Windows® XP Home Edition/XP Professional/2000 Professional* (Pre-installed model or upgrade of Windows® 2000 Professional pre-installed model) Mac OS® X 10.2.7 or later

*USB2.0 Host Driver by Microsoft is required.

Environmental Conditions

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

Electrical Specifications

Voltage	AC220-240V 50-60Hz
Power Consumption	Approx. 17.0W (Operation) Approx. 24.0W (With option MPF) Approx. 4.5W (Sleep Mode)

Options

Multi Photo Feeder	B12B813373
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* To use the USB port, 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.

Dealer's Stamp

EPSON
EXCEED YOUR VISION

For enquiries, contact your nearest EPSON sales representatives:

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July 05

EPSON PERFECTION™
3490 PHOTO

**TIMELESS PURSUIT
OF PERFECTION**

Photo and film digitisation at home is great with the EPSON Perfection™ 3490 Photo, for image archiving so easy, so convenient, so perfect.

EPSON PERFECTION™ 3490 PHOTO



- Preserve beautiful memories from film and photographs with 3200x6400dpi scan resolution
- Indulge in your photo hobby with the high capacity and broad range of film scanning formats available: 35mm strip film x 4 frames and 35mm slide x 3 frames.
- Reproduce brilliant scans from faded film and photos with Color Restoration and Dust Removal functions of EPSON Easy Photo Fix™.
- Manage digital images from multiple external devices seamlessly with a total photo software solution — the EPSON Creativity Suite

High Photo & Film Scanning Quality
3200 DPI optical resolution, 48BIT colour.



Film Scanning Capability



Color Restoration & Dust Removal Functions



Scanning with Top Distinction

Colour Reproduction Comparison (Negative film)



Outstanding digital images pulsating with colours are produced from every scan. The scan resolution of 3200 x 6400dpi with 48bit colour depth is supported with an ultra sensitive MatrixCCD sensor, a revolutionary On Chip Micro-Lens technology.

24 Photographs (4" x 6")



Optional Multi Photo Feeder

Business cards (50mm by 82mm)



New Feature

Speeding with Abandon

Scanning time is minimised with an improved TPU design that is complemented by the fast speed ASIC processor, a film optimised lamp, and USB2.0 Hi Speed interface. An optional Multi Photo Feeder (MPF) scans up to twenty-four 4R (4"x6") photos, business cards or mini-photos at a go. It's the quick way to scan postcards and business cards.

One-touch buttons instantaneously start four common operations: Start, Copy, Scan to Email, and Scan to PDF.

Impressive Film Scanning Capability



With a greater capacity for four frames of 35mm filmstrips or three 35mm mounted slides, scan more film at one go.



Smart Film and Photo Restoration



Revitalise faded films or photos with EPSON Easy Photo Fix™. The package of image enhancement tools from EPSON Scan has Color Restoration function to restore colour or monochrome film/ photos and Dust Removal function to remove 'white spots' due to dust specks stuck on old film. It's quick and easy to strive for perfection in all the precious moments of your collection.

Software for Photo Perfection



The EPSON Perfection™ 3490 Photo empowers all your film and photo scanning needs with a range of bundled software.

EPSON Scan ver 2.7 – 3 intuitive modes to suit users of any skill level. Modify ICC profile creation method to improve scan quality or scan to Multi-page PDF.

EPSON Creativity Suite – Epson's photo software solution manages images so that scanning, copying or printing photos and documents is a breeze.

ArcSoft PhotoImpression™ 5 – a fun-filled and creative image editing software.



ABBYY FineReader 5/6 Sprint – a powerful Optical Character Recognition software for easy editing of scanned documents.

NewSoft Presto! BizCard 4 LE – a business card OCR solution for hassle-free administration and storage of your business contacts.

Sleek and stylish, EPSON Perfection™ 3490 Photo adorns a home desktop perfectly and easily connects up to PCs and Macintosh computers through the USB2.0 interface.

Superlative INKdividual™ Photo Performance.

Professional Photo Results

By combining Epson Photo Inks & Premium Glossy Photo Paper, photo prints from EPSON Stylus Photo Inkjets & Photo AIOs are able to resist environmental threats such as water, light & ozone gas; producing prints that are virtually grain free and as good as that of traditionally processed photos.

With a super high 5760 x 1440 optimised dpi & Variable Sized Droplet Technology, you will get sharper and more detailed prints. Black text printing is also crisp and dense making it suitable for everyday use.



Attractive Colour

The preferred colour setting ("Vivid" in driver) renders vivid skies and seas, and natural skin tones.

Alternatively users may opt for natural colour reproduction with "Standard" setting in the driver.

Normal Epson Preferred Colour



Natural Skin Tones



Vivid skies and seas

Normal Epson Preferred Colour