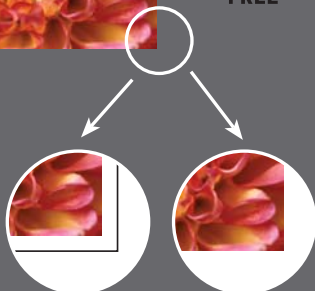


# Superb BorderFree™ Prints A4 and 4R (4"x6")



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.



**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 ISQ/US-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

<b>Scanner Type</b>	Flatbed colour image scanner	
<b>Optical Resolution</b>	Main 3200 dpi x Sub 6400 dpi	
<b>Document Size</b>	216 x 297mm (A4 + Letter)	(35mm Strip film 6 frames)
	29 x 44mm	35mm Mounted film 1 frame)
<b>Interface</b>	USB2.0 (Type B standard connector x 1)	

## Configuration

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

## Performance

<b>Output Resolution</b>	50 - 6400, 9600, 12800 dpi	
<b>Colours</b>	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 <sup>1</sup>	A4 600dpi	4.1 msec/line	3.7 msec/line
	A4 3200dpi	14.5 msec/line	14.5 msec/line
24bit Colour <sup>2</sup>	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

<b>Image Quality</b>	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	<b>Easy Scanning</b>	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

<b>Temperature</b>	5°C to 35°C (Operating)
<b>Humidity</b>	10% To 80% Without Condensation (Operating)

## Electrical Specifications

<b>Voltage</b>	AC220-240V 50-60Hz
<b>Power Consumption</b>	Approx. 19.0W (Operation) Approx. 24.0W (With option MPF) Approx. 4.8W (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

July 05

**EPSON**  
EXCEED YOUR VISION

For enquiries, contact your nearest EPSON sales representatives:

INDIA - (91) 80-305-15000, CALCUTTA - 287 1355/56,  
CHENNAI - 820 3941/42, MUMBAI - 825 7286, NEW DELHI - 644 7201/2/3  
INDONESIA - (62) 21-572-3161  
MALAYSIA - (60) 3-562-88288  
PHILIPPINES - (632) 813-6567  
SINGAPORE - (65) 6337-7911, (65) 6586-3111  
THAILAND / INDOCHINA - (662) 670-0680

**EPSON**  
EXCEED YOUR VISION



EPSON PERFECTION™  
**3590 PHOTO**

**PASSION FOR PHOTO  
PERFECTION**

Celebrate and preserve your passion for photography by immortalising entire collections of films.

# EPSON PERFECTION™ 3590 PHOTO

The EPSON Perfection™ 3590 Photo is equipped with an Automatic Film Loader (AFL), for image archiving so fast, so effortless, so perfect.



- Effortless film scanning! Load and scan entire filmstrips in no time through the Automatic Film Loader.
- Preserve beautiful memories from film and photographs forever with 3200dpi scan resolution.
- 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 — EPSON Creativity Suite.

**Hassle-free Film Scanning**  
Built in Automatic Film Loader for 35mm filmstrips.



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



**Color Restoration & Dust Removal Functions**



## Only the Best and Fastest Digital Images

Create stunning digital images with breath-taking colours with EPSON Perfection™ 3590 Photo. The scan resolution of 3200 x 6400dpi with 48bit colour depth is supported with an ultra sensitive MatrixCCD sensor and On Chip Micro-Lens technology. Engineered with a new TPU design, along with an ASIC processor, a film optimised lamp, and USB2.0 Hi Speed interface, it is speedy scans all the way.

### Colour Reproduction Comparison (Negative film)



EPSON Perfection

Other Scanner

## Zip along for Film Scanning with AFL



Optional Multi Photo Feeder



Business cards (50mm by 82mm) 24 Photographs (4" by 6")



New Feature

Feed 35mm filmstrips into the improved Automatic Film Loader (AFL) for effortless scanning of multiple slides at one go – no film holder needed! Or scan 35mm mounted positive slides with the compact film holder. An optional Multi Photo Feeder (MPF) scans up to twenty-four 4R (4"x6") photos or mini-photos at a go. Easily scan postcards and business cards too.

Handy buttons on the control panel directly initialises Start, Copy, Scan-to-Email and Scan-to-PDF functions.

## Timeless Memories

Faded and damaged film and photos are resurrected to pristine digital form with EPSON Easy Photo Fix™. Film scanning is made perfect with Color Restoration function that restores both colour and monochrome film or photos, and Dust Removal function that removes 'white spots' due to dust particles on old film.



Before Color Restoration



After Color Restoration

## Software for Photo Perfection



Bundled software completes the total digital imaging solution from EPSON Perfection™ 3590 Photo.

**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.

Impress with the style and professional design of EPSON Perfection™ 3590 Photo and easily connect 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.

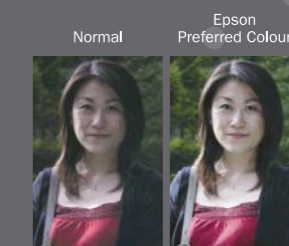


With a super high 5760 x 1440 optimised dpi & Variable Sized Droplet Technology, you will get sharper and more detailed prints. Black text printing is also crisp and dense making it suitable for everyday use.

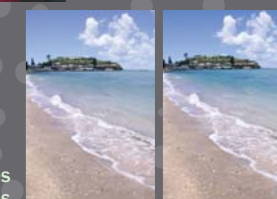
## Attractive Colour

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.



Natural Skin Tones



Vivid skies and seas

Normal

Epson Preferred Colour