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Epson Perfection 3490/3590 Photo

The quick and easy way to create a digital photo album

The Epson Perfection 3490/3590 Photo is the quick and easy way to turn your photo collection into a digital album. Scan and restore faded memories from 35mm film, slides and photos, then print, enlarge or archive.

Scanning is made easy with the Epson Perfection 3490/3590 Photo. Just four buttons control the process: Start, Copy, Scan to Email and Scan to PDF. Easy to use, but without compromising on quality, this scanner ensures professional results thanks to 3200dpi optical resolution, 48 bit colour, plus a built-in Transparency Unit (TPU) for positive and negative film scanning. You can also automatically restore images and remove dust with Epson Color Restoration software.

The Epson Perfection 3590 Photo has a built-in Auto Film Loader, which saves you loading the film. Simply place your film on the film ramp, press the scan button and preview your images. You can then either batch scan the entire film or select the images you would like to scan.

Key features

- Built-in TPU for positive and negative film scanning
- Fast, effortless 35mm film scanning with Auto Film Loader*
- High-quality scanning at 3200dpi optical resolution and 48 bit colour
- One touch scanning to Email or pdf
- Restore precious memories using Epson Color Restoration
- Includes film holders for 35mm film and slides
- Automatically scan up to 24 photos with the optional Multi Photo Feeder



* Auto Film Loader on Epson Perfection 3590 Photo only.

Model	Epson Perfection 3490/3590 Photo
Scanner type	Flatbed colour image scanner
Optical resolution	Main 3200dpi x Sub 6400dpi
Optical density	3.2DMax
Interface	USB 2.0 Hi-Speed (Type B standard connector x 1)
Configuration	
Photoelectric device	Color CCD line sensor with micro lens, 61,200 pixels
Light source	White cold cathode fluorescent lamp
Sub-scanning method	Fixed document and moving carriage
Performance	
Output resolution	50-6400, 9600, 12800dpi
Colours	Internal: 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 levels), 1 bit (monochrome)

Functions

Image quality enhancer	PRINT Image Matching™ II, dust removal, colour restoration, optimised auto exposure, unsharp mask with noise reduction, de-screening with document type optimiser, tone curve adjustment with histogram
Easy scanning	4 push buttons linked with Epson smart panel, stand-alone application and scan to file feature, multi-purpose user interface, multi-document auto detection

Supported platforms*

USB 1.1	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 10.2.7 or later
USB 2.0	Microsoft® Windows® 2000 Professional / XP Home Edition / XP Professional† (Pre-installed model or upgrade of Windows® 98 / Me / 2000 Professional pre-installed model) Mac OS® X 10.2.7 or later † USB 2.0 Host Driver by Microsoft is required.

Environmental conditions

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

Options

Multi Photo Feeder	B12B813373
Warranty	1 year standard. Optional extension to 3 years. Warranty offers are not available in all countries. Please contact your local Epson representative.

Model	Epson Perfection 3490 Photo	Epson Perfection 3590 Photo
Document size	216 x 297mm (A4+ letter) 35mm strip film 4 frames 35mm mounted film 3 frames	216 x 297mm (A4+ letter) 35mm strip film 6 frames 35mm mounted film 1 frame
Scanning speed**		
Reflective scanning		
Full scanbed	Preview 8 sec	Preview 8 sec
Preview 35mm x 6 frame	n/a	23 sec
6" x 4"	600dpi 13 sec	600dpi 13 sec
A4 line art	300dpi 15 sec	300dpi 15 sec
A4 colour	600dpi 30 sec	600dpi 30 sec
Film and transparencies		
35mm positive colour film	2400dpi 48sec, 3200dpi 63sec	2400dpi 52sec, 3200dpi 70sec
35mm negative colour film	2400dpi 74sec, 3200dpi 97sec	2400dpi 73sec, 3200dpi 96sec
Electrical specifications		
Voltage	100-120V 50-60Hz	100-120V 50-60Hz
Power consumption	Approx.17W (operating), approx. 5.0W (sleep mode)	Approx. 19W (operating), approx. 5.5W (sleep mode)
General		
Dimensions (w x d x h)	275 x 419 x 86mm	275 x 419 x 86mm
Weight	Approx. 3.0kg	Approx. 3.2kg

* 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.

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



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