EPSON®

EXCEED YOUR VISION

Epson **V700** *Photo*
Perfection

The benchmark for high quality film
and photo scanning

The Epson Perfection V700 Photo is the ideal scanner for photo enthusiasts and advanced amateur photographers. Featuring Epson's unique Dual Lens System combined with DIGITAL ICE™ Technologies it delivers exceptional quality film and photo scanning.

Dual Lens System

Perfect scanning
With the Epson Perfection V700 Photo, clear, detailed enlargements and superb tonal reproduction is guaranteed, thanks to Epson's exclusive Dual Lens System for 6400 dpi film scanning and 4.0 DMax optical density.

Not only can you scan your favourite images and then produce superbly detailed large-scale enlargements as you would expect, with greater power, faster speed and more flexibility, the Epson V700 Photo is setting a new standard for flatbed scanning for professional-standard photographic reproduction.

Scanning quality is further assisted by a moving TPU light that ensures the brightest possible light source for smooth scan images and sharper definition. A moving blue Light Emitting Diode (LED) lets you visibly track the scanning progress.

Unique technology
The unique Epson Dual Lens System lets you scan various film formats at the extremely high resolution of 6400 dpi, truly amazing for a scanner at this price. You can also do reflective and transparency scanning at up to 4800 dpi. That means you won't need to make any quality compromises on your scans, and when it comes to enlargements, even from 35mm format films, they will be highly detailed and crystal clear. 4.0 DMax optical density also gives you superb reproduction of shadows and highlights so you needn't worry about losing the subtle shading that makes a good image great.

4.0 DMax optical density

More flexibility

Scan all common film types, including medium and large format film up to 5 x 4", and scan in batches, to save you time and hassle. You can scan:

- 24 frames of 35 mm film
- 12 frames of 35 mm slides
- Two 6 x 20cm (max) frames of medium (120/220) format film
- Two frames of 4 x 5" large format film

Restore your precious memories

DIGITAL ICE™ Technologies automatically removes scratches and dust from old and damaged photos and film, saving you hours of post-scanning image editing. Epson Easy Photo Fix™ also allows you to restore faded colour photos in just one easy step.

Inclusive software

The Epson Perfection V700 Photo is equipped with a range of powerful image editing software. Epson Creativity Suite provides you with an easy-to-use tool for retrieving and viewing images while SilverFast® SE6 and Adobe® Photoshop® Elements 3.0 are also included to give you total creative control over your images.

Key features and benefits

- Achieve exceptional scanning at 6400dpi (film) / 4800dpi (reflective) optical resolution
- Automatically remove dust and scratches with DIGITAL ICE™ Technologies*
- Excellent tone reproduction with 4.0 DMax optical density
- 10 x 8" built-in film adapter with film holders for all common formats
- Advanced software bundle including SilverFast® SE6 and Adobe® Photoshop® Elements 3.0
- For even more advanced film scanning, the Epson Perfection V750 Pro is also available

* Effective DIGITAL ICE™ film scanning area is 9.1 x 5.7".

DIGITAL ICE™ Technologies

ICE

Epson Perfection **V700** *Photo*

Specifications

Model	Epson Perfection V700 Photo
Basic	
Scanner type	Flatbed colour image scanner
Optical resolution	Super Resolution lens: 6400dpi x Sub 9600dpi (film holder scanning)
	High resolution lens: 4800 x 9600 dpi (reflective and contact sheet scanning)
Optical density	4.0 DMax
Document size	216 x 297mm (A4, letter)
	149 x 247mm (default and when using film holder)
	35mm strip film 6 frames x 4
	35mm mounted film 12 frames
	120/220 film (max. 6 x 20cm) 2 frames
	5 x 4" 2 frames
	203 x 254mm (when using film area guide)
Interface	USB 2.0 (Type B receptacle connector x 1)
	IEEE 1394 (6 pin connector x 1)
Configuration	
Photoelectric device	Alternate 6 lines color CCD with micro lens
	4800 dpi at 122,400 pixel (20400 x 2 line x 3 colors)
	6400 dpi at 113,280 pixel (18880 x 2 line x 3 colors)
Light source	White cold cathode fluorescent lamp
Sub-scanning method	Fixed document and moving carriage
Performance	
Output resolution	50 – 12800 dpi
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)

Scanning speed*

Reflective Scanning	
Monochrome	A4 300 dpi - 11 Sec
24 bit color	A4 300 dpi - 14 Sec
	A4 600 dpi - 25 Sec
Film Scanning	
35mm negative film	2400 dpi - 47 Sec
35mm positive film	2400 dpi - 44 Sec
Functions	
Image Quality Enhancer	DIGITAL ICE Technologies, Grain Reduction, Dust Removal, Color Restoration, PRINT Image Matching™ II, Optimised Auto Exposure, Unsharp Mask with Noise Reduction, De-screening with Document Type Optimiser, Tone Curve Adjustment with Histogram , Color Palette tool for Easy Color Fix
Easy Scanning	1 Push Button, Stand-Alone Application And Scan To File Feature, Scan To Pdf Feature, Multi-Purpose User Interface, Multi-Document Auto Detection, Multi-Document Auto Cropping, Auto Skew Correction, Multi-Marquee, Film Scanning Thumbnail Preview
Supported platforms**	
USB 1.1	Microsoft® Windows® 98 SE/ME/2000 Professional/XP Home Edition/XP Professional x64 Edition (pre-installed model or upgrade of Windows® 98/ME/2000 Professional/XP Home Edition/XP Professional pre-installed model) Mac OS® X 10.2 or later (SilverFast: Mac OS® 9.2 or later)
USB 2.0*	Microsoft® Windows® XP Home Edition / XP Professional / 2000 Professional/ XP Professional x64 Edition (Pre-installed model or upgrade of Windows® XP Home Edition/ XP Professional pre-installed model) Mac OS® 10.2.7 or later
	*USB2.0 Host Driver by Microsoft is required
IEEE 1394 (FireWire)	Microsoft® Windows® Me/ 2000 Professional/ XP Home Edition/ XP Professional/ XP Professional x64 Edition (Pre-installed model or upgrade of Windows® Me/2000 Professional/ XP Home Edition/ XP Professional pre-installed model) Mac OS® X 10.2 or later (SilverFast®: Mac OS® 9.2 or later)

Remark: Epson Scan and SilverFast driver can run on Windows XP Professional x64 Edition.
Some of the bundled application software may not be supported in Windows XP Professional x64 Edition.

Environmental conditions	
Temperature	5˚C to 35˚C (operating)
Humidity	10% to 80% without condensation (operating)
Electrical specifications	
Voltage	(AC100V model) AC100-120V 50-60Hz
	(AC200V model) AC220-240V 50-60Hz
Power consumption	32W (operation)
	19W (standby mode)
	4W (sleep mode)
General	
Dimensions (w x d x h)	503 x 308 x 152.5mm
Weight	approx. 6.6kg
Warranty	1 year standard. Optional extension to 3 years
	Warranty offers are not available in all countries. Please contact your local Epson representative.

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

**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.

DIGITAL ICE Technologies™ scan times are dependant on the amount of dust & surfaces defects being removed. In general, DIGITAL ICE Technologies™ scan times are at least 2x non-DIGITAL ICE Technologies™ scan times. DIGITAL ICE Technologies™ does not support traditional B/W nor Kodachrome films.

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