

SPECIFICATIONS
PERFECTION™ V600 PHOTO

BASIC	Flatbed colour image scanner		
SCANNER TYPE	Main 6400 dpi x Sub 9600 dpi		
OPTICAL RESOLUTION	216 x 297mm (A4 Letter)		
DOCUMENT SIZE	68.8 x 242.4mm (35mm Strip film 12 frames, 35mm Mounted film 4 frames, Medium format (6 x 22cm) 1 frame)		
INTERFACE*	USB2.0 Hi-Speed/USB1.1		
CONFIGURATOR	Alternate 12 lines colour CCD with Micro Lens		
PHOTOELECTRIC DEVICE	170,880 pixels (14,240 x 4 lines x 3 colours)		
LIGHT SOURCE	White LED, IR LED		
SUB-SCANNING METHOD	Fixed document and moving carriage		
PERFORMANCE	50 - 6400 (1 dpi step), 9600, 12800 dpi		
OUTPUT RESOLUTION	Internal 48 bit (281.5 trillion colours)		
COLOURS	Output 48 bit (281.5 trillion colours) 24 bit (16.7 colours million) 16 bit (65,536 grayscale levels) 6 bit (256 grayscale levels) 1 bit Monochrome		
SCANNING SPEED*2			
REFLECTIVE SCANNING			
Monochrome#1	A4 600dpi	Approx. 1.8 msec/line	18 sec
	A4 1200dpi	Approx. 5.9 msec/line	90 sec
24bit Colour#2	A4 600dpi	Approx. 1.8 msec/line	18 sec
	A4 1200dpi	Approx. 5.9 msec/line	91 sec
FILM SCANNING			
35mm Positive film	2400dpi	Approx. 8.6 msec/line	33 sec
	3200dpi	Approx. 8.6 msec/line	51 sec
	4800dpi	Approx. 10.9 msec/line	71 sec
	6400dpi	Approx. 10.9 msec/line	101 sec
35mm Negative film	2400dpi	Approx. 8.2 msec/line	39 sec
	3200dpi	Approx. 8.2 msec/line	62 sec
	4800dpi	Approx. 9.7 msec/line	88 sec
	6400dpi	Approx. 9.7 msec/line	126 sec
FUNCTIONS			
IMAGE QUALITY ENHANCER	DIGITAL ICE™ for Film and Print Grain Reduction Dust Removal (Software for film and reflective/photo) PRINT Image Matching II ICC Profile Embedded Backlight Correction Colour Restoration Selectable Tone of Auto Exposure Unsharp Mask with Noise Reduction De-Screening with Document Type Optimizer Tone Curve Adjustment with Histogram Colour Palette Resizable Preview Window 4 Push Buttons with customisable job settings with Epson Event Manager Multiple Page Scan to PDF feature High Compression PDF Searchable PDF* Text Enhancement Auto Area Segmentation Colour Enhance and Dropout features Correct Document Skew User defined setting name Stand-Alone Application and Scan to File Feature Multi Document Auto Detection Multi Document Auto Cropping Auto Photo Orientation Multi Marquee *available with ABBYY® FineReader® Sprint Plus 6		
SUPPORTED PLATFORMS	Microsoft® Windows® 2000 Professional / XP Home Edition / XP Professional / XP Professional x64 Edition / Windows Vista® / Windows® 7 Mac OS® X 10.3.9 or later (Universal version)		
ENVIRONMENTAL CONDITIONS	TEMPERATURE 10°C to 35°C (Operating) -25°C to 60°C (Storage)		
HUMIDITY	10% to 80% without condensation (Operating) 10% to 85% without condensation (Storage)		
ELECTRICAL SPECIFICATIONS	AC100 - 120V 50 - 60Hz (AC200V model) AC220 - 240V 50 - 60Hz		
POWER CONSUMPTION	0.4W (Power Off) 16.5W (Operation) 5.5W (Ready Mode) 1.6W (Sleep Mode)		

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Dealer's Stamp

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Weight - approx. 4.1kg



*1 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.

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

System Configuration of Scanning Speed
CPU: Intel Core™ 2 CPU 6700 @ 2.66GHz
RAM: 2 GB
I/F: USB2.0 Hi-Speed
OS: Windows XP Professional Edition
Soft: Adobe Photoshop 7.01E



*1 Line Art (MEMO)



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

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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Scan/Print samples shown herein are simulations.

Specifications are subject to change without notice.

Information correct as at November 2019

SCANNERS
PERFECTION™ V600 PHOTO

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The Epson Perfection™ V370 Photo scanner helps you scan with speed and efficiency. Produce high-quality scans of a wide range of film and photos at an optical resolution of 6400 dpi. Restoration of film and photos turns hassle-free with Digital Ice™ technology that helps remove dust and scratches effortlessly.



Perfection V600 Photo



ENGINEERED FOR BUSINESS

Superior Quality Scans

Epson Matrix CCD® technology ensures that your scans capture every detail with an optical resolution of 6400 dpi.

Fast Scans

Epson ReadyScan LED technology helps you save energy and scan instantly without any warm-up time

Advanced Restoration

Epson Digital Ice™ technology helps you restore your photos and film by removing dust and scratches with ease.



A versatile scanning tool for photography enthusiasts

Scan, enhance, archive and share your entire film and photo collection effortlessly

Best image quality with 6400dpi optical resolution

With the highest optical resolution in its class of 6400dpi and 3.4DMax optical density, every detail of your films and photos will be captured and preserved. Coupled with the industry leading 48bit colour depth and embedded ICC profile, each image will astound you with amazing vivid and accurate colours.



More versatility with multiple film scanning formats

You can now easily back up and digitise your collection of multiple format films and slides. Epson Perfection™ V600 Photo supports a variety of film formats:

- 35mm strip film x 12 frames
- 35mm slide x 4 frames
- Panoramic medium film format up to 6 x 22cm x 1 frame



DIGITAL ICETM Technology for film and print

Epson DIGITAL ICE™ Technology allows you to effectively remove dust and scratches from both your film and photo scans so your images appear clear and blemish free. Your old images will be as good as new, just like the way you remember them.



Photo damaged with scratches.

Photo is restored scratch-free.

Zero warm-up time (low power consumption)

With Epson ReadyScan LED Technology, scanning starts instantly with zero warm-up time. This highly efficient feature is mercury free and does not dissipate heat during scanning, making it an environmentally friendly technology.



The simplicity of one-touch operations

Four one-touch buttons on the control panel are preset to 'Scan-to-PDF', 'Scan-to-Email', 'Copy' and 'Start' functions for your convenience. You can also further customise them through Epson Event Manager to suit your personal preferences.



EPSON Scan 3.8

This powerful and easy-to-use photo and document editing software includes the following enhancement features:

- **Colour Restoration**

Bring your old faded photos back to life again.



Before

After

- **Backlight Correction**

You can adjust the tone, contrast and saturation to further enhance your photos.



Before

After

Partners in Perfection



Epson Stylus® Photo Inkjet Printers offer unsurpassed quality and value for every printout.



Epson inks are designed to work specifically with your Epson printer to deliver quality, vibrant, and long-lasting prints.



All Epson paper is designed to complement Epson genuine inks and Epson printers to produce prints of exceptional quality.

- **Correct Document Skew and Text Enhancement**

Correct Document Skew automatically adjusts and straightens scanned images even when documents are scanned slanted.

Text Enhancement feature sharpens text and enhances text recognition when scanning text documents.



Text Enhancement Off

Text Enhancement On

- **PDF Options**

Save scanned images directly as searchable PDF (windows only) or as multi-PDF in the PDF savings options.

Take your photos further with these bundled software

- **Adobe Photoshop Elements 7**

Enhance your photos and create a host of additional projects such as greeting cards and calendars and more.

