

SPECIFICATIONS

COLOR IMAGE SCANNER

EPSON

EPSON EXPRESSION™ 10000 XL

BASIC	
SCANNER TYPE	Flatbed A3+ colour image scanner
SUB-SCANNING METHOD	Movement of the carriage
PHOTOELECTRIC DEVICE	Alternative 6 line CCD (94,500 pixels)
DOCUMENT SIZE	FB: 12.2 x 17.2 inches (310 x 437mm) ADF: 11.7 x 17.0 inches (297 x 432mm) TPU: 12.2 x 16.5 inches (309 x 420mm)
LIGHT SOURCE	
OPTICAL RESOLUTION	Xenon gas fluorescent lamp
OUTPUT RESOLUTION	Main: 2,400dpi (optical resolution by 6 line CCD with 87,840 pixels) Sub: 4,800 dpi with Micro Step
ZOOM	50 dpi to 12,800 dpi (in 1 dpi step)
PIXEL DEPTH	50% to 200% (in 1% step) In 16 bit / pixel Out 1-16 bit / pixel
SCANNING SPEED	
REFLECTIVE DOCUMENT	
LINE ART *1	1,200dpi 2.7 msec/line 2,400dpi 5.3 msec/line
GRAYSCALE *1	1,200dpi 2.7 msec/line 2,400dpi 5.3 msec/line
COLOUR *2	1,200dpi 8.0 msec/line 2,400dpi 16.0 msec/line
TRANSPARENCY DOCUMENT	
POSITIVE FILM	16.0 msec/line
NEGATIVE FILM	16.0 msec/line
IMAGE PROCESSING FUNCTIONS	
GAMMA CORRECTION	CRT 2 Level (A, B) Printer 3 Level (A, B, C) User Defined Table Impact-Dot Printer Thermal Printer Inkjet Printer CRT Display User Defined Matrix
COLOUR CORRECTION	7 Level Fixed Threshold TET (Text Enhanced Technology) Error Diffusion (A, B, C) Dither (A, B, C, D) User Defined Dither (A, B) AAS (Auto Area Segmentation)
BRIGHTNESS	
LINE ART	
DIGITAL HALFTONING	
AREA SEPARATION	
SUPPORTED PLATFORMS	
USB 1.1	Microsoft® Windows® 98/Me/2000 Professional/ XP Home Edition/ XP Professional (Pre-installed model or upgrade of Windows® 98/Me/2000 Professional pre-installed model) Mac OS® 9.1 or later, Mac OS® X 10.2 or later
USB 2.0 HIGH-SPEED	Microsoft® Windows® XP Home Edition/XP Professional/2000 Professional (Pre-installed model or upgrade of Windows® 98/Me/2000 Professional pre-installed model) USB2.0 Host Driver by Microsoft is required Mac OS® X 10.2.7 or later
IEEE1394	Microsoft® Windows® Me/2000 Professional/ XP Home Edition/XP Professional Mac OS® 9.1 or later, Mac OS® X 10.2 or later
INTERFACE	USB2.0 High-Speed* (standard) IEEE 1394 (standard) Optional Slot
ENVIRONMENTAL CONDITIONS	
TEMPERATURE	5°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	
VOLTAGE	Universal Power Supply AC220-240V
FREQUENCY	50 to 60Hz
POWER CONSUMPTION	Approx. 45 W (operating without Option unit) Approx. 55 W (operating with Option unit) Approx. 6 W (Sleep mode without Option unit)
OPTIONS	
AUTO DOCUMENT FEEDER	B12B813213
NETWORK IMAGE EXPRESS CARD	B12B808392
A3 TRANSPARENCY UNIT	B12B813363

* The vendor of the Host must ensure the functionality of the USB port(s).



EPSON EXPRESSION™ 10000XL
Weight=Approx. 14.6kg

*To use the USB port, your PC must conform to PC98 specifications, and have Windows® preinstalled. Consult the documentation provided with your PC for further information about USB connectivity. Note also that printing errors may occur if non-standard cables or more than two hub connections are used.

Scanning Speed Data Patterns

The thumbnail images below show the scanning patterns used to determine scanning speed specifications.

System Configuration of Scanning Speed
CPU: Pentium 1.5GHz
RAM: 512MB
OS: Windows 2000
Soft: Adobe Photoshop 6



*1
Line Art
(MEMO)



*2
Photo
(Photo courtesy of
ISO/JIS-SCID.
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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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EPSON

Dealer's Stamp

May 04

For enquiries, contact your nearest EPSON sales representative:
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COLOR IMAGE SCANNER

EPSON EXPRESSION™ 10000 XL



Fulfill your exacting graphics art demands. Recognise that a high 2400dpi resolution with 6-lines CCD, Auto Focus; stunning speed with all-in-one moving carriage; and high optical density of up to 3.8 makes the difference between a normal scan and the professional scan that you need. Increased productivity, improved images and greater versatility are yours with EPSON Expression™ 10000XL for quality imaging that impresses.

Supreme Scan Quality and Accuracy

High-definition 2400dpi, A3+ scanning

Images with superb detail and quality are produced from the 6-lines CCD.

Richer Colour Gradation

Optical Density up to 3.8 means you get higher gradation reproduction resolution.

No 'Ghost' phenomenon

Avoid the 'ghost' phenomenon and be assured of quality and accurate images. All thanks to the protection rendered to the CCD by the anti-reflection coated cover glass.

Excellent Image Clarity

With Micro-Step Carriage Drive, the optical carriage is moved in ultra-high precision micro-steps sub-scan to produce clearer images.

Unquestionable Reliability and Easy Maintenance

An all-in-one moving carriage encapsulates all the lamps, mirrors, lens and CCD for extreme reliability of up to 100,000 scans, protects the mechanism from dust and lightens the scanner.

Impeccable Sharpness with Auto-Focus Feature

An Auto Focus optics system activated from EPSON Scan automatically adjusts and focuses to get the optimal pinpoint focus for clearer sharper scan.



Without Auto Focus



With Auto Focus

Professional Freedom with Manual Focus

Have the freedom to exhibit professional creativity and judgment. Manipulate the scan just how you want it, with the manual focus option on EPSON Scan.

More Powerful Imaging

High quality scans are created with a larger pixel size of 5.5um and a longer CCD that makes a more thorough imaging.



Scan with Stunning Speed

Faster Scanning with Larger Pixel Size of 5.5um

High speed with high quality scanning is possible with EPSON Expression™ 10000XL as a lesser amount of light is required to capture enough electrical charge.

Dedicated High Intensity Lamp

Negative film scanning is speeded up for you, the busy professional. An additional new high intensity lamp produces a greater luminance and completes the scan faster.

Optimised Color Lamp

To further expedite scanning time for negative films, a bluish lamp is used to shorten the exposure time required.



Shorter Image Processing Time

For increased processing capability and reduced dependency on the computer's processor capacity, the powerful scanner comes equipped with Application Specific Integrated Circuit (ASIC) hardware built-in.

Zero Standby Time

Complete your work faster. The high-bright Xenon lamp starts up the scanner instantly without any warm-up time and lets you better meet the deadline for a rush job.

Productivity Boost with Optional Automated Document Feeder (ADF)

This option allows 100 pages of documents to be loaded and scanned sequentially from the feeder with no hassle at all.



USB 2.0 (High Speed) and IEEE1394 interface

Easily connectable to PCs or Macintosh® with Hi-Speed USB 2.0 or IEEE1394 Interfaces, these interfaces let the computer and scanner work faster and seamlessly together.



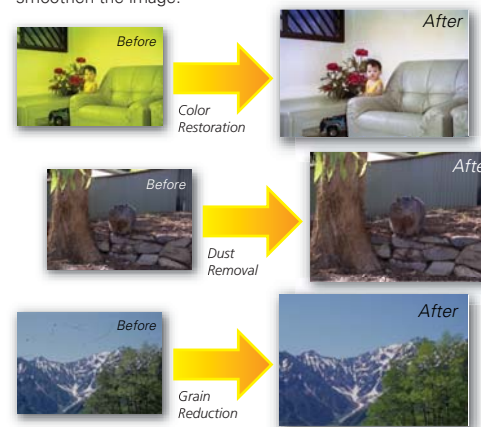
Sophistication that is Easy to Use

Flexibility with EPSON Scan Driver

Choose between Home, Professional and Office Mode for the usage style that is most suitable for your needs with the intuitive scan driver.

Array of Image Enhancement Tools

EPSON Expression™ 10000XL arms the image professional with multiple enhancement tools for use in their work. Immediate correction of defects on film and photo can be carried out with editing functions like Color Restoration, Dust Removal and Grain Reduction. Color Restoration restores discoloured or faded images from photos or films; Dust Removal eliminates dust noise automatically for films; while Grain Reduction reduces the 'sandy' and rough appearance of enlarged images from films by applying a filter that smoothen the image.

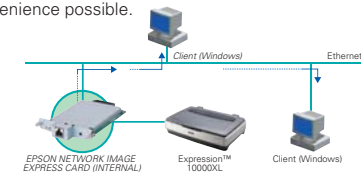


Variety of Film Formats

Capable of scanning a wide range of film formats, choose freely between 35mm strip film, 35 mm mounted film, 120/220 medium format film and 4x5" format film. The scanner comes with 2 units of film holders for each type of film formats.

Network Capability

Increase business efficiency with a scanner that can be connected to the Local Area Network (LAN) and shared by network users. The optional Network Image Express Card makes this convenience possible.



Compact Chassis with Smart Features

Packed into a compact chassis that makes better space utilization, the scanner comes with a Free Angle Hinge to enable ease of putting documents for scanning. An Auto-Release Carriage Lock makes it convenient to unlock and lock the carriage by just plugging in or taking out the power supply cable.

Bundled Software

Bundled software that helps your work includes Adobe Photoshop Elements 2.0, for hobbyist image editing; and LaserSoft SilverFast Ai 6, a high-end imaging software.



Revolutionise Digital Imaging with EPSON Expression™ 10000XL

Unbeatable in quality and functionality, this scanner brings you higher productivity and business efficiency and is the ultimate answer to your professional imaging needs.

