BASIC

SCANNER TYPE	Flatbed colour image scanner
OPTICAL RESOLUTION	Main 4800 dpi x Sub 9600 dpi
DOCUMENT SIZE	216 x 297mm (A4, Letter)
	66 x 231mm (35mm Strip film 12 frames/
	35mm Mounted film 4 frames / Medium format (6 x 12cm)
	1 frame Strip-film)
INTERFACE	USB2.0 (Type B standard connector x 1)

CONFIGURATION

PHOTOELECTRIC DEVICE	Alternative 6 lines colour CCD with Micro-Lens
	122,400 pixels (20400 x 2 Line x 3 colours)
LIGHT SOURCE	White cold cathode fluorescent lamp
SUB-SCANNING METHOD	Fixed document and moving carriage

PERFORMANCE

OUTPUT RESOLUTION	50 – 6400 (1 dpi step), 9600, 12800 dpi
COLOURS	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

MONOCHROME *1	A4 300dpi	14 sec
24 bit COLOUR *2	A4 300dpi	18 sec

FILM SCANNING

35mm Positive film	4800dpi	108 sec
35mm Negative film	4800dpi	186 sec

FUNCTIONS

IMAGE QUALITY ENHANCER	PRINT Image Matching II
	Dust Removal (Software)
	Color Restoration
	Optimized Auto Exposure
	Unsharp Mask with Noise Reduction
	De-Screening with Document Type Optimizer
	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
	Multi Document Auto Cropping
	Auto Skew Correction
	Multi Marquee
	Film Scanning Thumbnail Preview

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® 9.1 or later,
	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® 98/Me/2000
	Professional pre-installed model) Mac OS® X 10.2.7 or later

* USB2.0 Host Driver by Microsoft is required

ENVIRONMENTAL CONDITIONS

TEMPERATURE	5°C to 35°C (Operating)
	10°C to 32°C (Scanning with ADF)
HUMIDITY	10% to 80% without condensation (Operating)
	20% to 80% without condensation (Scanning with ADF)

ELECTRICAL SPECIFICATIONS

VOLTAGE	AC220-240V
FREQUENCY	50-60Hz
POWER CONSUMPTION	25.0 W (Operation)
	19.5 W (Standby Mode)
	4.5 W (Sleep Mode)

OPTIONS

AUTOMATIC DOCUMENT FEEDER	B12B813342

EPSON Perfection™ 4180 Photo
Weight : Approx. 3.9kg

117mm · 458mm · 276mm

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.

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 4, 2.4GHz
RAM: 512MB
I/F: USB2.0 Hi-Speed
OS: Windows XP Home_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.

EPSON

Dealer's Stamp

Aug 04

For enquiries, contact your nearest EPSON sales representatives:
INDIA - (91) 802-532-1266-70, 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
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