Technical specifications

Type:	35mm film scanner
Film type:	Color/B&W, Negative/positive
Optical resolution:	5400 dpi
Scanning dimensions:	24.61 x 36.69mm
	Maximum pixel dimension: 5232x7800 pixels
Scanning method:	Moving film, fixed sensor, single-pass scan
Image sensor:	3-line primary-color CCD with 5300 pixels per line
Multi-sample scanning:	16x, 8x, 4x, 2x, Off
Holder operation	Auto loading
	Continuous scanning for multiple frames.
A/D conversion:	16 bit
Color depth:	8 bit and 16 bit per color channel
Dynamic range:	4.8

Scan time:

	Windows		Macintosh
	USB 2.0	IEEE1394	IEEE 1394
Index scan	15 s	15 s	16 s
Prescan	10 s	10 s	12 s
Scan	60 s	68 s	69 s

* With the four-frame slide mount holder.
* With positive film.
* Scan time varies with the system environment, film images, scanner preferences and functions used.
* Scan time is longer for negative film than positive film.
* Approximate time with maximum optical resolution, 8-bit color depth, No auto exposure, No color matching, No Digital ICE or Grain Dissolver processing, No image corrections.

System test environment:
Windows:
   Pentium 4   2.53 GHz CPU, 1GB RAM, Windows XP Professional operating system, standard USB port and external IEEE 1394 interface, Adobe Photoshop 7.0.1, 80% of memory allocated to application.
Macintosh:
   PowerPC G4 1GHz CPU, 1GB RAM, Mac OS X v10.2.1, IEEE 1394 (FireWire) interface, Adobe Photoshop 7.0.1, 739 MB of memory allocated to application.

Computer interface:	IEEE1394 (FireWire)
	USB 2.0 (1.1 compatible)
Focusing:	Autofocus, Point AF, Manual focus

Light source:	Cold cathode fluorescent tube
Power requirements:	100-120 V AC, 50/60 Hz for North America, Taiwan, and Japan
	200-240 V AC, 50/60 Hz for England, Hong Kong, and China
	200-240 V AC, 50/60 Hz for continental Europe, Oceania, and Asia (except for Taiwan, Japan, Hong Kong, and China)
	With the supplied AC adapter. The AC adapter unit varies with destination.
Power consumption:	30W (max.)
	ENERGY STAR compliant
Dimensions:	65(W) x 165(H) x 360(D) mm /
	2.6(W) x 6.5 (H) x 14 (D) in.
Weight of scanning unit:	2.5 kg / 5.5 lb. (approx.)
Standard accessories:	35mm-film Holder FH-M10
	Slide Mount Holder SH-M10
	USB Cable UC-2
	IEEE1394 Cable FC-2
	AC Adapter AC- U21, U22, U23 or U24
	DiMAGE Scan
	Photoshop Elements 2.0
	Stand ST-M10
	Reset tool RT-M10

Specifications and accessories are based on the latest information available at the time of printing and are subject to change without notice.
Specification figures are based on Minolta's standard test method.

Minimum System Requirements

	IBM PC/AT compatible computers	Apple Macintosh computers
CPU (*1)	Pentium166MHz or later processor (*3)	PowerPC G3 or later processor (*3)
Operating systems	**USB:** Windows 98, 98 Second Edition, 2000 Professional, Me, or XP **IEEE1394:** Windows 2000 Professional, Me, or XP	**USB:** Mac OS 8.6 to 9.2.2, Mac OS X v10.1.3 to 10.1.5, and v10.2.1 to 10.2.3 **IEEE1394 (FireWire):** Mac OS 8.6 to 9.2.2 and v10.2.1 to 10.2.3
RAM (*1)	128 MB of RAM (*3)	128 MB of RAM in addition to the requirements for the Mac OS and applications (*3)
Hard-disk space	600 MB of free hard-disk space (*3)	600 MB of free hard-disk space (*3)
Monitor	800x600 monitor capable of displaying 16-bit color quality. 1024x768 or greater recommended.	800x600 monitor capable of displaying 32,000 colors. 1024x768 or greater recommended.
Tested applications (*2)	The TWAIN driver software has been tested for use with Adobe Photoshop (v 6.0.1 and 7.0), Adobe Photoshop Elements 2.0, Paint Shop Pro 7, and Corel PHOTO-PAINT 11.	The plug-in driver software has been tested for use with Adobe Photoshop (v 6.0.1 and 7.0) and Adobe Photoshop Elements 2.0.

Recommended interface (*2)	Recommended IEEE boards:
	  Adaptec FireConnect 4300
	  PROCOMP SpeedDemon 400P
	                          or
	  OHCI compatible non-DV dedicated IEEE1394 ports supplied with computer
		FireWire port supplied by Apple Computer, Inc.

	Recommended USB boards:
	Adaptec USB2connect 3100,
	            USB2connect 5100,
	            DuoConnect
	Belkin Hi-speed USB 2.0 5-Port PCI Card,
	            USB 2.0 Hi-Speed 2-Port PCI Card
	                      or
	USB port supplied with computer
		USB port supplied with computer

(*1) The CPU and RAM must satisfy the requirements of the operating system
(*2) The application software and interface must be guaranteed by their respective manufacturers to work with the operating system.
(*3) Digital ICE and Pixel Polish system requirements:
Windows: Pentium 166 MHz processor (Pentium III or later recommended); 256 MB of RAM (512 MB or more recommended); 1.2 GB of free hard-disk space (2 GB or more recommended)
Macintosh: PowerPC G3 or later processor (PowerPC G4 or later recommended); 256MB of RAM in addition to the Mac OS and applications (512MB or more recommended); 1.2 GB of free hard disk space (2 GB or more recommended)

Error-free operation is not guaranteed for any of the systems recommended. System requirements are based on the latest information available at the time of printing and are subject to change without notice.