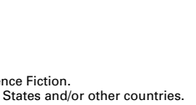
SPECIFICATIONS

Film type*	35mm film Advanced Photo System film (with the optional APS Adapter) * Film: colour / black and white, negative / positive available
Optical resolution	2820 dpi
Scan size & input pixels (max.)	35mm film: 24.21 x 36.32 mm, 2688 x 4032 pixels Advanced Photo System film: 17.29 x 29.98 mm, 1920 x 3328 pixels
Scan method	Moving-film, fixed-sensor, single-pass scan
Sensor	RGB 3-line CCD, 2700 pixels / line
Multi-sample scanning	2X, 4X, 8X, 16X, Off
Continuous scan	35mm Film Holder: Max. 6 frames Slide Mount Holder: Max. 4 frames
A/D conversion	16-bit
Output data	8-bit, 16-bit (per colour channel)
Dynamic range	4.8
Scan time	(Digital ICE^3 off, 2820 dpi, positive)

(approx.)	Windows (IEEE1394)			Macintosh (FireWire)		
	Pre-scan	Final scan	Index scan (/frame)	Pre-scan	Final scan	Index scan (/frame)
35mm film	7s	33s	7s	7s	33s	7s
APS film	7s	28s	7s	8s	29s	7s

Light source	Cold-cathode fluorescent tube
Focus	Autofocus (Point AF available) & manual focus
Interface	USB 1.1: USB 4p x 1 IEEE1394: IEEE1394 6p x 1
Power requirements	AC100 – 240 V, 50 / 60 Hz, max. power consumption: 20 W
Dimensions (WxHxD)	145 x 100 x 325 mm
Weight	Approx. 1.5 kg
Standard accessories	35mm Film Holder FH-U1 Slide Mount Holder SH-U1 USB Cable UC-1 IEEE1394 Cable FC-1 AC-Adapter AC-U10 CD-ROM for DiMAGE Scan Elite II Photoshop Elements
Optional accessories	APS Adapter AD-10

● Specification figures are based on Minolta's standard test method.



35mm Film Holder

Slide Mount Holder

Advanced Photo System Adapter (optional)

PC SYSTEM REQUIREMENTS

Computer	**Windows: IBM PC/AT compatible models**		**Macintosh: Apple Macintosh models**	
Interface	USB 1.1*[1]	IEEE1394	USB 1.1	FireWire (IEEE1394)
	USB port as standard*[2]	OHCI-compliant IEEE1394 port as standard*[3] Adaptec: AFW-4300 recommended	USB port as standard	FireWire port as standard
CPU	Intel Pentium or later		PowerPC G3 or later	
OS	Windows 98, Windows 98 Second Edition, Windows Me, Windows 2000 Professional	Windows Me, Windows 2000 Professional	Mac OS 8.6 – 9.1	Mac OS 8.6*[4] – 9.1
RAM	64 MB or larger		Free memory of 64 MB or larger	
Monitor	1024 x 768 pixels or larger recommended, 640 x 480 pixels possible		1024 x 768 pixels or larger recommended, 640 x 480 pixels possible	
No. of colours	16-bit High colours or more		32,000 colours or more	
HD free space	100 MB or more (16 bit-output: 200 MB or more)		100 MB or more (16 bit-output: 200 MB or more)	
Others	Adobe Photoshop ver. 5.0.2, 5.5, 6.0, Adobe Photoshop 5.0LE, Adobe Photoshop Elements, Paint Shop Pro 7 and Corel PHOTO-PAINT 9 have been fully tested for use with the TWAIN driver software.		Adobe Photoshop ver. 5.0.2, 5.5, 6.0, Adobe Photoshop 5.0LE and Adobe Photoshop Elements have been fully tested for use with the Photoshop plug-in driver software.	
16 bit-output with Digital ICE^3				
CPU	Pentium 166 MHz or later, Pentium III or later recommended		PowerPC G3 or later, PowerPC G4 recommended	
RAM	128 MB or larger, 256 MB or larger recommended		Free memory of 128 MB or larger, 256 MB or larger recommended	
HD free space	500 MB or more, 1GB recommended		500 MB or more, 1GB recommended	

*1 Only for PCs with pre-installed Windows 98, Windows 98 Second Edition, Windows Me, or Windows 2000 Professional.
*2 USB port guaranteed by PC manufacturers.
*3 Non-DV-dedicated IEEE1394 port guaranteed by PC manufacturers.
*4 Users of Mac OS 8.6 must download and install the dedicated driver software from the Apple Computer website.

CD-ROM drive is required for software installation. Please note that error-free operation is not guaranteed for any of the systems recommended.

Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice.
For the latest information, please visit **www.dimage.minolta.com**

Images are simulated.

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For further information:
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www.minoltaeurope.com

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MINOLTA

The essentials of imaging

Compact 16-bit Dual Interface Film Scanner

DiMAGE Scan Elite II

www.minolta.com

Maximise the Colour Quality of Your Film Scans

- 16-bit A/D conversion and wide 4.8 dynamic range for superior colour reproduction
- Max. 2,820dpi optical resolution
- Automatic image enhancement with Digital ICE^{3TM} technology
- Dual interface: high-speed IEEE1394 (FireWire) and convenient USB
- Many other productivity-boosting features, including user-friendly software

digital ICE^3 Applied Science Fiction

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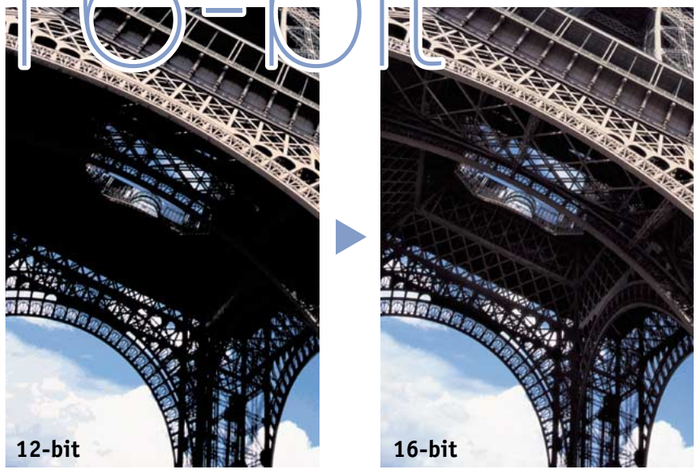
16-bit



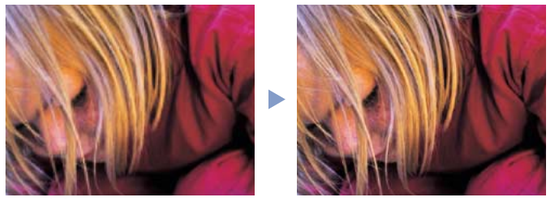
Expanded range of colour detail

Superior colour quality starts with 16-bit A/D conversion, which enables the DiMAGE Scan Elite II to differentiate over 65,000 gradations in each colour channel (RGB). This leads to a greater amount of shadow and highlight area detail in your images—detail that tends to get lost with lower level input. 16-bit colour scanning also provides the data required for high-precision image processing tasks done on compatible software such as Adobe Photoshop. In terms of colour fidelity, the scanner features a wide 4.8 dynamic range to ensure that the optical density of your film source is read with remarkable precision.

2820dpi

Max. 2,820dpi optical resolution

The scanner's 2,820dpi optical resolution offers sharp, detail-rich images. If you're scanning to create printouts, these images are detailed enough to produce enlargements that are free of any unnatural, "pixelated" look. Or, if you're scanning for Web pages or electronic photo albums/archives, high scan resolution allows you to edit images without losing quality.



Clearer scans with multi-sample scanning

Random noise may sometimes occur in the dark areas of an image. To prevent this, you can set the scanner to sample your film two, four, eight, or 16 times. This enables the scanner to obtain more information from the film source, resulting in clearer images.

Minolta's exclusive imaging technology

Two essential features support faithful colour reproduction of your original film image. Negative film sources, which differ in many ways from colour positives, are precisely scanned using an **improved negative-to-positive conversion** process. Also, **accurate colour matching** makes sure that your scans are displayed with maximum fidelity across different monitors, operating systems, and image editing software.

Quality film scans with better colours? Look no further.

The DiMAGE Scan Elite II offers superior colour reproduction quality for diverse film scanning needs. Its 16-bit A/D conversion and wide dynamic range deliver an exceptional degree of colour detail. Plus innovative Minolta technology gives a further boost to colour fidelity. Scanning is fast and efficient as well, thanks to user-friendly software, Digital ICE³™ technology, and more.

Speedy

Fast operation every step of the way

If you're looking for **fast scanning** of multiple images, the DiMAGE Scan Elite II is sure to satisfy. First, it features automatic film loading and **continuous scanning**. Then there is a unique Minolta Autofocus system that performs **quick focus adjustment** with any type of image. (Point AF and Manual Focus are also available.) What's more, the IEEE1394 (FireWire) interface supplies **high-speed data transfer**—a must for data-intensive film scanning—to further reduce overall scan time. For added convenience, the scanner's IEEE1394 and USB interfaces both offer Plug & Play operation.

Flexible

Easy settings and image compensation

The driver software's navigation features greatly simplified scanner operation. With the **Easy Scan Utility**, for example, you only need to select how the image will be used, and the appropriate settings will be made automatically. The **Custom Wizard** lets you preselect AF, Digital ICE³, Auto Crop, and other features in various combinations, and then save your customised settings for later use. **Diverse image compensation tools** give you control over sharpness, brightness, RGB colour balance and more, and you can compare how your images look before and after adjustments at the same time.

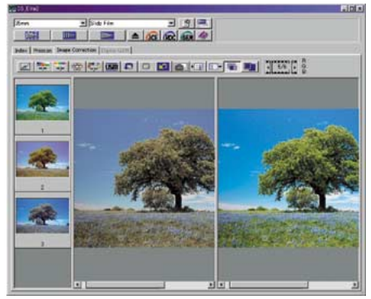
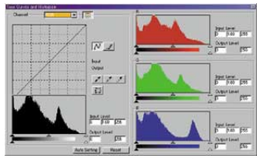


Image compensation



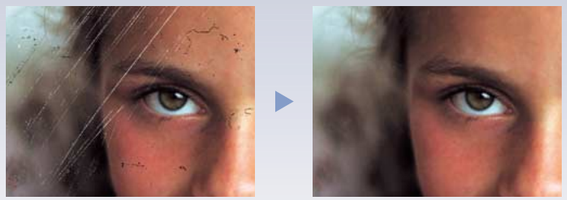
Wide film format compatibility

- 35mm: film sleeves, mounted slides.
- Advanced Photo System: cartridges (with optional adapter), mounted slides.
- Colour and monochrome, positives and negatives in either format.

Improved image quality right away with Digital ICE³™ technology

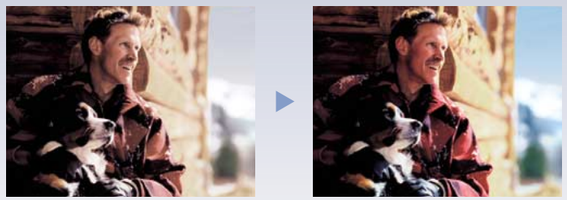
Digital ICE³™ is a collection of three image-enhancement technologies that dramatically improve the quality of images scanned from imperfect film sources. It delivers clearer results from the scan procedure itself, thus saving you the time and effort of post-scan retouching. For added convenience, the functions can be individually turned on/off in the driver software prior to scanning.

■ Digital ICE™ for defect correction



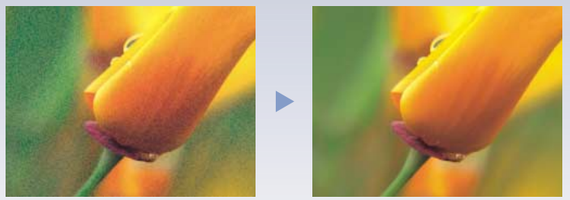
Digital ICE technology accurately identifies surface defects on film (such as dust, scratches, mould, and fingerprints), and automatically corrects these flaws without altering details of the original image.

■ Digital ROC™ for colour restoration



Digital ROC technology is useful for scanning old film with diminished colour. It automatically restores colours to appropriate levels by analysing the film's dye signature, and then applying corrections.

■ Digital GEM™ for grain management



Digital GEM technology cleans up grainy patterns caused by the film emulsion while preserving the image's colours and sharpness. The results are practically impossible to mimic with manual retouching.

■ Digital ICE, Digital ROC, and Digital GEM are technologies developed by Applied Science Fiction™, Inc. ■ Digital ICE³ is recommended primarily for use with colour film; it can also be used with chromagenic black and white film. ■ Digital ICE is not recommended for use with Kodachrome film. ■ Scanning time will increase when using any of the three functions.