

## Dimâge Scan Multi - Technical Details

### Usable film type

35mm:	Color/B&W, negative/positive
Medium format (120/220) (6 x 4.5 - 6 x 9):	Color/B&W, negative/positive
TEM (5.9x8.2cm):	Color/B&W, negative/positive
16mm:	Color/B&W, negative/positive
Advanced Photo System:	APS Sleeve: Color/B&W, negative/positive Cassette: Color, negative/positive (with optional APS Adapter AD-100)
Microscope slides (2.6 x 7.6cm)	

### Scan size & No. of pixels

<u>Film format</u>	<u>Scan Size</u>	<u>Max. Input Pixels</u>	<u>Max. Input Resolution</u>
35mm:	24.2 x 36.3mm	2,688 x 4,032 pixels	2,820 dpi
Medium format (120/220)			
6x4.5:	56.16 x 41.76mm	2,496 x 1,856 pixels	1,128 dpi
6x6:	56.16 x 56.16mm	2,496 x 2,496 pixels	1,128 dpi
6x7:	56.16 x 64.80mm	2,496 x 2,880 pixels	1,128 dpi
6x9:	56.16 x 83.52mm	2,496 x 3,712 pixels	1,128 dpi
TEM:	56.16 x 82.0mm	2,496 x 3,644 pixels	1,128 dpi
16mm:	13.00x 19.50mm	1,444 x 2,166 pixels	2,820 dpi
Advanced Photo System:	17.28 x 29.95mm	1,920 x 3,328 pixels	2,820 dpi
Microscope Slides:	24.2 x 36.3mm	2,688 x 4,032 pixels	2,820 dpi

### Maximum input resolution

<b>(Optical):</b>	Can be set in two steps by changing the magnification ratio of the optical system.
2,820 dpi:	35mm, 16mm, Advanced Photo System, Microscope Slides
1,128 dpi:	Medium format, TEM

**Scan system:** Fixed sensor, moving film type  
Single-pass scanning

**Image sensor:** RGB 3-line CCD (2,700 pixels)

**Scan time (seconds):**

		<u>35mm film</u>	<u>6 x 9 film</u>	<u>APS</u>
Macintosh	Pre-scan	6	9	-
	Scan	48	55	-
	Index scan	-	-	135
IBM PC/AT Compatible	Pre-scan	10	12	-
	Scan	48	60	-
	Index scan	-	-	200

· Testing Conditions

Macintosh OS: CPU PowerPC 604e 300MHz; RAM: 64MB; OS: Mac OS 8.0; Host Application: Adobe Photoshop 4.0.1J; Application Memory Allocation: 34734KB; Driver Software: Dimâge Scan Multi Photoshop Plug-in; Virtual Memory: Off

IBM PC/AT: CPU: Pentium II 266MHz; RAM: 128MB; OS: Windows 95; Software: TWAIN Driver Software; Host Application: Adobe Photoshop 4.0.1J; ASPI version: 4.57; SCSI Board: AHA-1520B

**A/D conversion:** 12-bit

**Dynamic range:** 3.4

**Continuous scan:** 35mm sleeved film: 6 frames, 35mm slides: 4 frames  
Advanced Photo System cartridge (optional): max. 40 frames  
Slide feeder (optional): max. 50 (for 35mm slides)

**Holder angle of rotation:** ± 10 degrees (Medium Format Film Holder only)

**Interface:** SCSI-2 (connector: full 50-pin + D-sub 25-pin)

**Focus:** Autofocus, Power focus

**Light source:** 3-wavelength fluorescent lamp (hot cathode type, replaceable)

**Power frequency:** 100 - 240 Volts AC, 50/60 Hz

**Power consumption:** Max. 40W

**Dimensions:** 200 x 410 x 124mm (W X D X H)

**Weight:** Approx. 6kg

**Accessories**

**Standard:**

Driver software Dimâge Scan Multi (M) ver. 1.0

Windows: TWAIN\_32 Driver, Utility, ASPI Layer 4.57

Macintosh: PhotoShop Plug-in, Utility, ColorSync2.0

Medium Format Film Holder MH-M1

Including 6 x 4.5 Medium Format Film Mask

6 x 6 Medium Format Film Mask

6 x 7 Medium Format Film Mask

6 x 9 Medium Format Film Mask

APS Sleeve Film Mask

16mm Film Mask

35mm Film Holder FH-M1

Slide Mount Holder SH-M1

SCSI cable SC-11, Power Cord PW-M1

**Optional:**

Slide Feeder SC-100, APS adapter AD-100, Slide Mount Holder SH-M2, Fluorescent Lamp Holder FL-100

Specifications are based on the information available at the time of printing and are subject to change without notice.

Specifications figures are based on Minolta's own standard test method. The scan time varies according to the PCs and the systems owned by users.

## System Requirements

### MACINTOSH

<b>CPU:</b>	Power PC
<b>Operating System:</b>	System 7.5 - 8.1
<b>Memory:</b>	A minimum of 8 MB (megabytes) free memory
<b>Hard Disk Space:</b>	90 MB or more of available hard disk space
<b>Monitor:</b>	Minimum 13 inch monitor capable of displaying at least 32,000 colors. 16 inch (832 x 642) or larger is recommended.
<b>Other:</b>	PhotoShop™ ver. 3.0.5 or PhotoShop™ ver. 4.0.1 have been fully tested for use with the plug-in.

### PC/AT

<b>CPU:</b>	i486DX2 66MHz (Intel Pentium or later for Windows NT® 4.0)
<b>Operating System:</b>	Windows NT® 4.0 or Windows 95® (incl. OSR2)
<b>Memory:</b>	A minimum of 32MB (megabytes) of RAM
<b>Hard Disk Space:</b>	90 MB or more of available hard disk space
<b>Monitor:</b>	Minimum VGA monitor capable of displaying High Color (16 bit) is required. SVGA (800 x 600) or larger is recommended.
<b>SCSI Board:</b>	Adaptec AVA-1505*, AVA-1505AE*, AHA-1520B, AHA-1540CP, AHA-2910B, AHA-2910C, AHA-2940, or AHA-2940U/AU/W/UW.  *AVA-1505, AVA-1505AE are recommended only for Windows95.
<b>Other:</b>	PhotoShop™ ver. 3.0.5, PhotoShop™ ver. 4.0.1, Paint Shop Pro ver. 4.1E and Corel Draw™ 7 have been tested for use with the TWAIN driver software.

\*Dimâge is the registered trademark of Minolta Co., Ltd.

\*Microsoft Windows®, Windows 95®, and Windows NT® are registered trademarks of the Microsoft Corporation.

\*Adobe PhotoShop™ is a registered trademark of Adobe Systems Incorporated.

\*Macintosh™, ColorSync® are registered trademarks of Apple Computer Inc.

\*Corel Draw™ is the trademark of Corel Corporation.

\*Paint Shop Pro is the copyright of Met' s Corporation.

\*Other corporate and product names are the trademarks and registered trademarks of their respective companies.