## ADVANTAGES OVER FLATBED SCANNERS

*In so many ways, the DiMAGE Scan Elite 5400 is simply better.*

● 5,400dpi optical resolution produces greater detail ● Greater focusing accuracy (specialized optics)
● Faster overall scan times ● Safer film handling ● More sophisticated image correction ● Smaller footprint

## SPECIFICATIONS

| | |
|---|---|
| **Film type*** | 35mm film |
| | * Film: color / black & white, negative / positive available |
| **Optical resolution** | 5400 dpi |
| **Scan size & input pixels (max.)** | 35mm film: 24.61 x 36.69 mm, 5232 x 7800 pixels |
| **Scan method** | Moving film, fixed sensor, single-pass scan |
| **Sensor** | RGB 3-LINE CCD, 5300 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 bits |
| **Output data** | 8 bits, 16 bits (per color channel) |
| **Dynamic range** | 4.8 (computed) |
| **Scan time (approx.)*** | (with 35 mm positive film without trimming / image compensation functions, color matching & AE OFF / at 5400 dpi & 8-bit input ) (Scan time will be longer with negative film) |

| | Windows | | Macintosh |
|---|---|---|---|
| | USB 2.0 | IEEE 1394 | IEEE 1394 |
| Index scan (4 frames) | 15 seconds | 15 seconds | 16 seconds |
| Pre-scan | 10 seconds | 10 seconds | 12 seconds |
| Final scan (117MB) | 60 seconds | 68 seconds | 69 seconds |

| | |
|---|---|
| **Light source** | 3-wave, cold-cathode fluorescent lamp |
| **Focus** | Autofocus (Point AF available), Power focus, Manual focus |
| **Interface** | USB 2.0 (USB 1.1 compatible), IEEE 1394 (FireWire) |
| **Additional feature** | Digital ICE™, Grain Dissolver, Pixel Polish, Quick Scan button |
| **Power requirements** | North America, Taiwan & Japan: 100 – 120 Volts AC, 50 / 60 Hz |
| | Continental Europe, Oceania & Asia (except for Taiwan, Japan, Hong Kong & China): 200 – 240 Volts AC, 50 / 60 Hz, UK, Hong Kong & China: 200 – 240 Volts AC, 50 Hz |

| | |
|---|---|
| **Power consumption** | Max. 30 W |
| **Dimensions (WxHxD)** | 65 x 165 x 360 mm / 2-9/16 x 6-1/2 x 14-3/16 inches |
| **Weight** | Approx. 2.5 kg / 88-3/16 ounces |
| **Standard accessories** | 35mm Film Holder FH-M10, Slide Mount Holder SH-M10, USB Cable UC-2 (USB 2.0 compatible), IEEE 1394 Cable FC-2, AC Adapter (AC-U25 for North America, Taiwan and Japan / AC-U23 for UK & Hong Kong / AC-U24 for China / AC-U22 for other areas), Stand ST-M10, Reset Tool RT-M10, CD-ROM for DIMAGE Scan, Photoshop Elements (Ver. 2.0) |



35mm Film Holder FH-M10    Slide Mount Holder SH-M10    Single slide replacement possible

Specification figures are based on Minolta's standard test method,

*Measuring Conditions
<Windows> OS: Windows XP Professional, CPU: Pentium 2.53 GHz, RAM: 1,024 MB, HD free space: 60.9 GB, USB 2.0 port built-in, IEEE 1394 board: MELCO IFC-ILP4, Application: Photoshop 7.0.1 with 80% memory size
<Macintosh> OS: Mac OS X v10.2.1, CPU: PowerMac G4, RAM: 1,024 MB, HD free space: 70.72 GB, IEEE 1394 port built-in, Application: Photoshop 7.0.1 with 80% memory size

## PC SYSTEM REQUIREMENTS

| | IBM PC/AT compatible | Macintosh |
|---|---|---|
| **CPU***[1] | Pentium 166 MHz or later*[3] | PowerPC G3, or later*[3] |
| **Operating system** | USB: Windows 98, Windows 98 Second Edition, Windows 2000 Professional, Windows Me, Windows XP IEEE1394: Windows 2000 Professional, Windows Me, Windows XP | Mac OS 8.6 – Mac OS 9.2.2, Mac OS X v10.2.1 – 10.2.3 (Mac OS X v10.1.3 – 10.1.5 is compatible only with USB 1.1.) |
| **RAM***[1] | 128 MB or larger (actual memory capacity)*[3] | 128 MB free memory or larger (excluding memory used for application software and OS)*[3] |
| **HD free space** | Approx. 600 MB or larger*[3] | Approx. 600 MB or larger*[3] |
| **Screen size** | 1,024 x 768 pixels or larger recommended, 800 x 600 pixels possible | 1,024 x 768 pixels or larger recommended, 800 x 600 pixels possible |
| **No. of colors** | 16-bit or greater | 32,000 colors or more |
| **Tested applications***[2] | Adobe Photoshop v.6.0 / 7.0, Adobe Photoshop Elements (Ver. 2.0) | Adobe Photoshop v.6.0 / 7.0, Adobe Photoshop Elements (Ver. 2.0) |
| **Recommended interface boards***[2] | USB port equipped in PC as standard: Adaptec: USB2connect 3100, USB2connect 5100, DuoConnect Belkin: Hi-speed USB2.0 5-port PCI Card, USB2.0 Hi-speed 2-port PCI Card IEEE 1394 port equipped in PC as standard: Adaptec: FireConnect 4300 PROCOMP: SpeedDemon 400P | FireWire / USB port equipped in PC as standard |

*[1] Necessary to meet the requirements recommended for use with the OS.
*[2] Operation must be guaranteed by the manufacturers when used with the OS. For details, please ask their respective manufacturers.
*[3] CPU, RAM, and hard-disc space requirements with 16-bit color depth and Pixel Polish are as follows:
  <Windows> CPU: Pentium 166 MHz or later (Pentium III or later recommended) / RAM: 256 MB actual memory or larger (512 MB or larger recommended) / HD free space: Approx. 1.2 GB or larger (approx. 2 GB or larger recommended)
  <Macintosh> CPU: PowerPC G3 or later (PowerPC G4 or later recommended) / RAM: 256 MB free memory or larger (excluding memory used for application software and OS. 512 MB or larger recommended) / HD free space: Approx. 1.2 GB or larger (approx. 2 GB or larger recommended)

More compatibility information (in English/French/German) at: www.minoltausa.com  or  www.minoltaeurope.com/pe/digital/languages_stage.html

To confirm the compatibility of this scanner with products not made by Minolta (e.g., OS, interface boards, application software), please check their respective instruction manuals or consult the manufacturer.

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 of comparisons and front-cover background are simulated.

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# MINOLTA

## The essentials of imaging

*Powerful 35mm Film Scanner*

# DiMAGE Scan Elite 5400

www.minolta.com



5400dpi
16-bit A/D

USB 2.0    IEEE1394

# FILM SCANNING QUALITY TAKEN TO NEW HEIGHTS

■ Class-leading 5,400dpi optical resolution ■ Superior color reproduction through 16-bit A/D & multi-sample scanning
■ 100% scanning of 35mm film frames ■ User-friendly operation ■ Productive batch scanning
■ Diverse automatic image correction ■ USB 2.0 Hi-Speed & IEEE1394 (FireWire) interfaces ■ Ultra-slim design

www.dimage.minolta.com

## Superior clarity & color quality

To get the clearest scans possible, especially from film images with prominent dark areas, the DiMAGE Scan Elite 5400 provides multi-sample scanning. This feature lets you sample your film 2, 4, 8, or 16 times before the actual scan. The effectiveness of multi-sample scanning is boosted by 16-bit A/D conversion, which produces highly refined color data in each of the scanner's three color channels (RGB). As a result, you get scans with extremely smooth gradations and large amounts of shadow and highlight area detail.
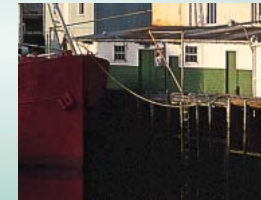
*Multi-sample scanning off*     *Multi-sample scanning on*

### Accurate scanning of negatives

High color fidelity is not just limited to positive film. Exclusive Minolta technology ensures great scans from 35mm negatives as well.

### Other quality-enhancing features

■ 100% scanning of the 35mm frame area
■ New Minolta optics for sharper autofocus
■ Extensive 4.8 (computed) dynamic range

# EXTRACT THE TRUE ESSENCE OF YOUR FILM IMAGES

**When it comes to resolution and color reproduction, the ultra-slim DiMAGE Scan Elite 5400 is in a class of its own. Plus it's amazingly efficient with a wide range of tasks. Scan and savor the difference.**

## 5400 dpi

### Exceptional scan resolution for greater detail

With 5,400dpi optical resolution at your command, you can create detail-rich scans for practically any application. Take printouts, for example. A 35mm film image scanned at maximum resolution can be enlarged to an enormous A2-size at high-level inkjet quality (300dpi). For A4-size output, print quality will exceed 600dpi.

### Built-in Quick Scan button

The Quick Scan button opens the DiMAGE Scan Launcher for an efficient workflow. Simply select the best scan utility for each job.

### Manual focus function

A manual focus dial allows for fine manual adjustments, so that it's easier than ever to obtain a specific look you have in mind.

*Focus*

### Rapid data transfer

Two speedy interfaces are included to promote quicker overall scan times. Choose from USB 2.0 Hi-Speed or IEEE1394 (FireWire).

### Efficient batch scanning

Once settings have been made, you can just push a button to scan multiple images at once—all six frames of a 35mm filmstrip or four mounted slides.

### Other handy features

■ Special holder designed for single slide removal
■ Automatic film holder loading
■ Driver software that includes guidance through to printing & advanced color matching

#### Easy Scan Utility

Just pick the type of job you're scanning for, such as printing, and the Easy Scan Utility handles scanner settings for you. Nothing could be simpler.

### Digital ICE™ for dust & scratch removal

Save yourself the time and trouble of cleaning up your scans. Digital ICE automatically removes dust, scratches, and other flaws on the film surface from your image data.

Off     On

### Automatic image enhancement

Minolta's Pixel Polish software offers the quickest way to revive the colors of faded film. It also works wonders with low contrast, backlighting, and various other problems.

Faded colors

Without Pixel Polish     With Pixel Polish

### Grain Dissolver

Minimize grain to show your images in the best light. Minolta's new scanning tool is a fast, easy solution.

Off     On