



MS7000 Microform Scanner

Overview

For reading, scanning, and printing to PC, Minolta offers a powerful widescreen solution that makes it easier to do all three—the Minolta MS7000.

The MS7000 has a big 12" x 17" screen for reviewing more information in less time at a higher magnification. With standard dual output, you can switch from PC scanning to laser printing at the touch of a button. And high resolution PC scanning at up to 800 dpi lets you use and distribute microform information in web sites, emails, faxes, and desktop publishing.

Financial applications will appreciate the check stacking feature of the MS7000 that lets you automatically combine front and back of checks on a single print. There's a wide range of microform media options for film, fiche, jacket and card formats. And modular scanner and printer design lets you set up your system to suit your workspace.

MSRP

The MSRP for the MS7000 Microform Scanner is \$10,795.00. Please see your authorized Minolta dealer for additional information.

Features

Proven Technology:

The MS7000 builds upon Minolta's experience with the popular MicroSP 3000 and MS3000 Reader/Printers to give you one of the most reliable, user-friendly microform systems on the market.

Simple Dual Output:

Simple front-panel controls let you switch from high-quality laser prints at up to 20 sheets per minute to scanning into your PC at up to 800 dpi resolution.

Check Stacking:

When you're viewing checks on screen, the MS7000 lets you stack front and back images and output them vertically on a single 8-1/2" x 11" page; you can also crop and de-skew each image separately.

Anti-Glare Screen:

A high-resolution 12" x 17" anti-glare screen with adjustable screen brightness makes reading microform information easier on your eyes.

Ergonomic Controls:

All important controls are right at your fingertips -- and operation is simple and intuitive, even for first-time users.

Fast Front-Panel Scanning:

"Push" scanning lets you initiate scanning and make all your scan adjustments right from the front panel of your MS7000, so you don't have to move from scanner to PC keyboard.

Auto Imaging Convenience:

Motorized image rotation, Auto Skew Correction, Auto Centering and Auto Frame Masking are all standard features.

Manual Masking:

Optional side-screen LED lights provide visual cues to allow you to manually select print or scan areas, as well as define the areas to be masked or cut.

Multiform Versatility:

The MS7000 supports multiple film and fiche carriers: Universal Carriers UC-2, UC-5, UC-6, UC-7 for quick changeover from 16mm or 35mm reels to fiche, aperture cards or jackets; Fiche Carrier 5 to accommodate fiche, jackets and aperture cards; Roll Film Carrier 9B, 11, 15A, RFC-22A (for ANSI) or 15M (for M-type) cartridges, or Roll Film Carrier 21 (both ANSI and M-type) with auto load/rewind. (Carriers are interchangeable with Minolta MicroSP-Series and 600-Series reader-printers.)

Interchangeable Lenses:

Choose from four types of lenses that provide all the magnification ratios you'll need— from a single-focus 7.5x lens, to zoom lenses that span 9 - 16x, 13 - 27x, or 23 - 50x zoom ratios. (Lenses are interchangeable with Minolta RP605Z/RP603Z models.)

Standard PC Connection:

Bring microfilm and microfiche images into your PC and use them in website, email, fax, and desktop publishing applications. Standard SCSI Interface with TWAIN software driver lets you use Windows 95/98, Windows ME, even Windows NT/Millennium; a powerful SCSI-2 connection allows faster transfer rates through standard cables.

Grayscale Support:

The optional Grayscale Upgrade Kit lets you output 8-bit grayscale images to your PC, with 256 grayscale levels that reveal more detail in halftones and allow low-contrast images to be captured as accurately as possible.

MARS Control Capability:

When using Minolta roll film carriers RFC-15A, RFC-15M, RFC-22A or RFC-21, the Minolta MARS 4 or MARS Mini 2 Controller enables your computer-aided retrieval software to automatically search, retrieve and print your blipped microfilm images.

Compact Modular Design:

The scanner unit fits easily on tabletop or counter; modular design lets you position scanner and printer separately.

MSP3000 Printer Features

High-Speed Output:

Prints up to 20 pages per minute, with first print (8-1/2" x 11") in just 13 seconds to reduce waiting time in busy libraries, schools, archives, and government agencies.

Superior Print Quality:

Minolta's exclusive Fine Micro-Toning (Fine-MT) System uses precision laser technology to reproduce fine details other printers might miss.

Three Print Modes:

Select Text mode for legible text, Photo mode to make halftone images more vivid, and Fine Mode for maximum image detail with complex visuals or to clean and enhance old or fading film images.

Printer Sharing:

A single MSP3000 printer can be shared by two scanner units, increasing your productivity.

High Paper Capacity:

Standard 150-sheet universal paper tray and 250-sheet universal cassette give you 400-sheet capacity, and with options, your MSP3000 printer holds a maximum of 1,150 sheets for longer service with less frequent paper re-loading.

Simple Maintenance:

An all-in-one imaging unit and a short paper feed path makes changing toner and clearing jams quick and easy.

Dedicated Workstation:

When desktop space is limited, you can take advantage of an optional workstation with over-and-under design that places the reader above and the printer below.

Specifications

Type: Desktop Universal Digital Microform Scanner

Type of Film: Microfiche, jackets, aperture cards, 16mm & 35mm roll film, 16mm film cartridges

Screen: 12" x 17" (300mm x 440mm)

Magnification Lenses: Fixed lens: 7.5x; Zoom lenses: 9 - 16x, 13 - 27x, 23 - 50x zoom ratios

Focus Control: Manual; Auto (optional)

Image Rotation: Prism rotation (auto, prism lens included); Carrier rotation (fiche carrier)

Zooming: Manual

Scanning Density: 200, 300, 400, 600, 800 dpi (for Check Scanning)

Scanning Speed: 5 seconds per page

Optical Resolution: 400 dpi

Electronic Zooming: 50% - 200%

Multiple Printing: 1-99 prints (LED countdown identification) w/ MSP 3000 printer

Hardware Interface: Video (Direct Print), SCSI-2 (PC) (switchable on front panel)

Exposure: Auto, manual

Scanning Features: Auto Centering, Auto Focus (optional), Auto Frame Masking, Auto Image Rotation, Auto Skew Correction, Date Stamp Annotation (optional, w/printer), Footswitch Support, Front-Panel Scanning ("Push" scanning), Grayscale Support (optional), Manual Masking (trimming & masking; optional)

Halogen Lamp: 20 V, 150 W

Power Requirements: AC 120V, 60 Hz

Power Consumption: 350 W

Dimensions (W x D x H): 22" x 30" x 33-1/2" (W x D x H) (560 x 760 x 853mm)

Weight: 143 lbs. 4 oz. (65 kg)

MSP 3000 Printer Specifications

Printing Method: Laser Electrostatic

Developing System: Minolta Fine Micro-Toning (Fine-MT) system

Print Resolution: 600 dpi

First Print Speed: 13 seconds (8-1/2" x 11" or A4; landscape)

Print Speed: 20 sheets per minute (8-1/2" x 11" or A4, 400 dpi)

Print Size: 8-1/2" x 11" (A4) landscape, 8-1/2" x 11" (A4) portrait, 8-1/2" x 14" (B4) landscape, 11" x 17" (A3) portrait

Paper Supply: 150-sheet universal paper tray; 250-sheet universal cassette; 500-sheet letter-size cassette (optional); 3rd paper tray with 250-sheet universal capacity (optional)

Maximum Paper Capacity: 1,150 sheets

Warm-Up Time: Less than 70 seconds

Power Requirements: AC 120V, 60 Hz

Power Consumption: 750 W

Printer Dimensions (W x D x H): 22" x 20-1/2" x 16" (561mm x 521mm x 409mm)

Printer Weight: 61 lbs. 12 oz. (28 kg) (including imaging cartridge)

Design & specifications are subject to change without notice.

Optional Accessories

MSP 3000 Digital Laser Printer and Cable: 20-ppm output speed, 1,150-sheet maximum paper capacity, first copy in just 13 seconds.

Grayscale Kit:

256 levels, 8-bit output to PC provides high-quality scanned images of halftones and graphics.

Lenses:

Single-focus 7.5x, Zoom 9 - 16x, 13 - 27x, or 23 - 50x; all lenses are the same as used by Minolta MicroSP 3000, MS3000, and RP607Z.

Fiche Carrier: Fiche Carrier 5 (FC-2) for fiche only.

Universal Carriers: UC-2, UC-5, UC-6, and UC-7 to handle both 16mm and 35mm open-reel film and fiche (universal carriers are interchangeable with Minolta MicroSP-Series and 600-Series Reader/Printers).

Roll Film Carriers: RFC-9B and RFC-11 to handle open-reel 16mm and 35mm film; RFC-15A, RFC-22A to handle 16mm film clips; RFC-15M to handle M-type cartridges; RFC-21 to handle both 16mm M-type and ANSI cartridges (film carriers are interchangeable with Minolta MicroSP-Series and 600-Series Reader/Printers).

Manual Frame Masking Kit: Allows you to use convenient front-panel control buttons on your MS7000 to trim and mask images.

MARS Controllers: MARS Controller 4, MARS Mini Controller 2

Workstation: With space-saving over-and-under design.

Footswitch: For convenient foot operation.

Applications

Minolta's MS7000 is an ideal solution for libraries, financial service providers, and a wide range of high-productivity microform applications -- because it combines the advantages of widescreen scanning, check stacking, dual output to switch from PC scanning to laser printing at the touch of a button. Its digital scan capabilities let you use your microform archive in multiple ways: on-screen reading, high-resolution laser printing, or scanning

direct to your PC for using and distributing your microform information in web sites, e-mails, faxes and desktop publishing.

Professionals in finance and business applications, education, government and libraries already count on Minolta microform scanners for quality optics and sturdy construction. The Minolta MS7000 offers new benefits to make your microform information more powerful and your work environment more productive.

FAQs

Does the MS7000 work with both microfilm and microfiche?

Yes. As with nearly all Minolta reader-printers, The main unit is sold separately from the film/fiche carriers. The MS7000 is compatible with the UC-2, UC-5, UC-5M and UC-6 universal carriers, all of which support the use of open reel film and fiche.

If I upgrade my old Reader-Printer can I use any of my existing lens or carriers with the MS7000?

If you are upgrading from a MicroSP3000, MS3000, RP603Z or 605Z reader-printer, then all the carriers will be compatible. In addition, you can use the same zoom lenses from the MicroSP3000, MS3000 and RP603Z or RP605Z.

How does check stacking work?

The MS7000 lets you scan front and back of a check and combine both images vertically on a single 8-1/2" x 11" page. You can crop and de-skew each image separately.

Do you sell workstations for the MS7000?

Yes, we do sell a workstation for the MS7000 and your Minolta dealer may also be able to provide alternative workstations as well.

Can I use the MS7000 to digitize my microforms?

The MS7000 provides standard PC connection that allows you to scan and digitize your microforms.

Can I use my own printer with the MS6000?

No, the MS6000 can only utilize the MSP3000 printer. Minolta's proprietary video connection ensures a high-speed solution.