

MPA3-1 Digital Scanner

For reading, scanning, and printing to PC, the MPA3-offers a powerful widescreen solution that makes it easier to do all three.

The MPA3-1 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 MPA3-1 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.

Applications:

The MPA3-1 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 MPA3-1 offers new benefits to make your microform information more powerful and your work environment more productive.

Specifications:

- **Proven Technology:** The MPA3-1 builds upon experience 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 MPA3-1 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 MPA3-1, 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 MPA3-1 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 the MPA3-2 model.)
- **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
- **Greyscale Support:** The optional greyscale Upgrade Kit lets you output 8-bit greyscale images to your PC, with 256 greyscale 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

Features:

- **Proven Technology:** The MPA3-1 builds upon experience 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
- **Cheque Stacking:** When you're viewing cheques on screen, the MPA3-1 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 MPA3-1, 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 MPA3-1 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.
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A3 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 A4 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 A4 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.

Optional Accessories:

- A3 Digital Laser Printer and Cable: 20-ppm output speed, 1,150-sheet maximum paper capacity, first copy in just 13 seconds
- Greyscale 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 the 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
- 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
- Manual Frame Masking Kit: Allows you to use convenient front-panel control buttons on your MPA3-1 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.