



PS3000 Scanner

Overview

The Minolta PS3000 is the face-up publication scanner that gives you clear, non-distorted images of bound volumes -- even thick books and three-dimensional objects.

Most scanners require books to be turned face down -- but the Minolta PS3000 is radically different. It scans bound volumes in face-up position, so handling is minimized and bindings are protected.

An adjustable cradle provides gentle, stress-free support to the spine of your volumes. Even rare, fragile, and deteriorating books can be scanned easily without damage to the pages or spine. With an 11" x 17" scanning area, you can scan two-page spreads together so charts, maps, graphics, and artwork are reproduced intact.

The PS3000 also compensates for page curvature and eliminates centerline shadows. Automatic edge detection masks out borders and the area beyond the page for clean, professional-looking results.

MSRP

The MSRP for the base unit is \$9,640.00. Please contact your authorized Minolta dealer for additional information.

Features

Face-Up Copying: Copying bound materials is quick and effortless -- there's no need to turn the book over, so handling is kept to a minimum and fragile bindings are protected.

11" x 17" Scanning: Lets you scan bound volumes, artwork, maps, ledgers, archival records, and lab notebooks.

Clean, Crisp Images: Up to 400 dpi resolution renders crisp, legible text and clear, sharp halftones.

High-Speed Scanning: PS3000 scans a page in less than 4 seconds, making it ideal for busy libraries, schools, public-access copy centers, and other high-traffic environments.

PC Interface: Supplied TWAIN Software interface lets you scan bound volumes or artwork directly into your PC, making information available for electronic archives, desktop publishing, and database search.

Book Curvature Correction: The PS3000 automatically compensates for page curvature at the center spine when bound volumes don't lie flat.

Automatic Masking: The PS3000 can also automatically erase centerline shadows and mask borders.

Auto Focus/Exposure: With auto focus and auto exposure, you can scan accurately without time-consuming manual adjustments -- a real time-saver in busy environments.

Simple Controls: On-screen menus make scanning functions easy to operate, even for first-time users.

Adjustable Book Cradle: Lowers on left or right, allowing thick volumes to be scanned without spine damage.

Convenient Desktop Design: The PS3000 allows users to scan while seated, making the system ideal for space-limited environments and access by the physically impaired.

Scanning Features:

- Automatic Border Masking
- Automatic Curvature Correction
- Automatic Focus and Exposure
- Automatic Shadow Erasure
- Book Mode (2-page reproduction with one scan)
- Enlargement and Reduction Settings

Specifications

Scanner Type: Face-Up Planetary with 5000 Pixel CCD
Bit Depth: 1-bit Monochrome, 8-bit Grayscale (optional)
Hardware Interface: Standard SCSI 1 output, Proprietary video board (grayscale only)
Software Interface: TWAIN Driver for Windows NT 4.0, TWAIN Driver for Windows 95/98 (requires upgrade kit), MS 61 Driver for Windows NT 4.0 (grayscale only)

Optical Scan Resolution: 400 dpi
Selectable Scan Resolutions: 200 dpi, 300 dpi, 400 dpi
Maximum Publication Focal Height: 4" (102mm)
Maximum Scan Area: 11" x 17"
Selectable Scan Sizes: Letter, Ledger, Legal, Invoice
SCAN MODES:
Single: Scan centered area defined by scan size
Split: Scan two images (left, right) as defined by scan area. (8-1/2" x 11" maximum area each)
Mechanical Scan Speed: Within 4 seconds (8-1/2" x 11", 400 dpi)
Projection Lamp: Halogen 350W
DIMENSIONS (WxDxH): 25-1/2" x 23-1/2" x 31", (651mm x 598mm x 763mm)
WEIGHT: 95 lbs. (43kg)
Power Requirements: AC 120V, 60Hz, AC 220/240, 50-60Hz
Power Consumption: Within 550W

Design & specifications are subject to change without notice.

Optional Accessories

Coin Operation/Vendor Card
Work Stand
Foot Pedal

Applications

For government bureaus, libraries, medical centers, research archives, law firms and legal administrative offices, the Minolta PS3000 provides the powerful advantage of face-up scanning and copying -- which means bound originals and fragile documents can be scanned more quickly and gently.

The PS3000 lets you make clear, crisp, non-distorted copies of all your bound publications, even thick reference books or three-dimensional objects. It minimizes handling, because you no longer need to turn volumes in face-down to scan or make copies. It also provides scanning features and advantages designed to streamline your workflow and increase your productivity. You can scan originals up to 11" x 17", at resolution levels adjustable to 200, 300, or 400-dpi to suit the demands of your document.

Minolta is the premiere manufacturer of low-cost, planetary, face-up book scanning products. For schools and libraries where space is at a premium, the PS3000 has a small footprint that fits easily on your desktop, table or counter -- along with simple, user-friendly controls to speed your scanning operations and make your workplace more productive.

FAQs

1. What software does the PS3000 work with?

The PS3000 was originally sold with Minolta's EPIC 3000 software. We now offer industry standard TWAIN drivers so that you may utilize your PS3000 with a wide range of TWAIN-compliant software packages. When converting from an EPIC 3000 to a TWAIN interface, you will need to purchase a standard SCSI interface board and SCSI 1 -> SCSI 2 cable.

2. When I scan my items on the PS3000 can I search the image for specific words?

A popular misconception is that a scanned image can be stored and utilized as a text-searchable file. In order to create a file with textual data, a digitized, bit-mapped image must first be passed through an optical character recognition (OCR) process to recreate the actual textual data on the scanned page.

3. What type of file format does the PS3000 store images as?

The type of file format and/or compression used will be dependent on the software application used to scan with the PS3000. For example, if using Adobe's Acrobat, the stored file will be in a PDF format. If using Photoshop, the file can be stored in a range of formats including JPEG, TIFF, and GIF.

4. Do you sell workstations for the PS3000?

Yes, we do sell a workstation for the PS3000 and your Minolta Dealer may also be able to provide alternative workstations as well.

5. Is there a color version of the PS3000?

No. For now and the near future we will only be offering the 8-bit grayscale upgrade for the PS3000. Due to current technology limitations we are unable to bring a cost-effective face-up color scanner to market. We will continue to evaluate this possibility and hope to introduce such a product one day in the future.

6. If I purchased a DPCS copying system can I use my PS3000 for other uses?

Yes, you can modify your PS3000 and purchase an MSP3000 printer to create a BookScribe 2000 solution. In addition, you can modify your PS3000 to connect to a PC.

7. Where can I purchase a PS3000?

All Minolta Corporation products are sold through a dealer channel. For the Minolta Dealer nearest you please refer to our website's Dealer Locator.