



KONICA MINOLTA

Book scanner PS7000



PS 7000

**Best for books,
best to work with**





A sophisticated **scanning solution**



Book-scanning applications vary greatly. Academic libraries, museums, corporate archives, patent offices and law firms, pay-for-print and pay-for-copy services in public libraries, publishing houses and even system integrators all need to produce scans, copies or prints of bound originals. Yet all these users face similar problems: the fragile nature of ageing books or records, the inferior quality of traditional book scans, the growing demand for remote book scans, copies or prints supplied via the Internet or an intranet, the cost

and time involved in book scanning and, last but not least, the physical strain on staff doing such work. Konica Minolta has the answer to all these problems – the PS 7000. This high-tech digital book scanner now comes with a range of improved features such as high-resolution copying of originals up to A2 in size and an optional link-up from the PS 7000 to its dedicated printer or the Di 350 from Konica Minolta, a high-performance digital copier that serves as an ideal output device for book-copying systems.

Your books

deserve the best





→ Gentler on books

The PS 7000 is gentler on books and files because it scans face up, uses lower-intensity light than photocopiers and reduces the number of scans needed because digitized data can be easily made available to remote users. So the PS 7000 is the ideal solution for libraries and archives all over Europe that want to supply documents to readers near and far or digitize their stocks.

→ Higher-quality A2 copies

The PS 7000 scans at up to 600 dpi (A3) and an optional 256 halftones for outstanding quality, the Di350 prints out copies at a crisp 600 dpi. What's more, there are few restrictions on the size of originals the PS 7000 can cope with – from A5 to A2 spread and from A6 to A3 single.

→ More image-editing functions

Sophisticated image-editing functions add to the quality of book copies made by the PS 7000 – for example improved curvature correction, centre erasing (to remove black gutters), shrunk characters correction, finger shadow masking and variable magnification. As libraries and, in particular, document delivery services strive for greater customer satisfaction in an increasingly competitive environment, more significance is attached to the quality of book copies. The PS 7000 gives you a competitive advantage in quality terms.

Your health demands the best

➔ Ease of operation

The PS 7000 is a healthier machine to work with – not only because it can be operated sitting down. Ease of operation is one of this book scanner's biggest assets, bringing clear ergonomic benefits. Books are scanned face-up so turning the pages is an effortless business, and the operating panel is within easy reach of the left hand holding the book. No effort, no strain and no stressed-out staff!

➔ Speed of scanning

The PS 7000's scanning speed is another bonus – less than 4.5 seconds for an A4 lateral document (400 dpi). So book-copying jobs can be finished faster and staff freed for other jobs. This boost to productivity is a key benefit in the increasingly competitive environment of document delivery services.

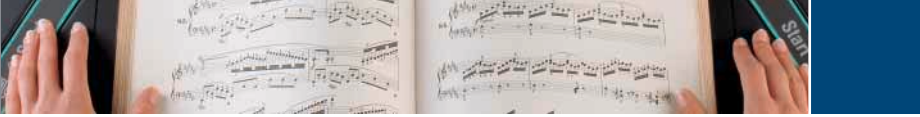
➔ Diversity of output

You can look forward to more satisfied customers with the PS 7000. A choice of documents delivered by e-mail or fax (if the PS 7000 is linked up to a PC) or hard copy (in a stand-alone configuration with the Di 350) is just what customers want nowadays. The PS 7000-PC configuration is also an ideal solution for digitizing stocks to provide a faster, networked document delivery service. And last but not least, the Di 350 is an extremely useful and productive addition to any library or archive environment since it can also be used as a high-performance 35 page-per-minute digital copier.

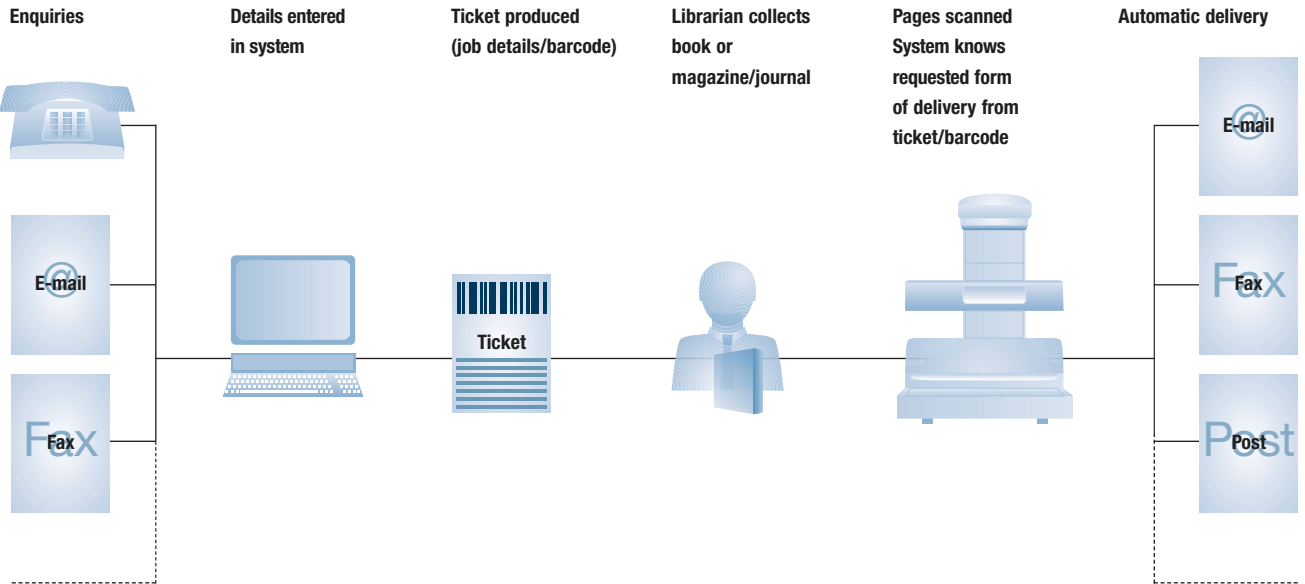
➔ Comprehensive support from Konica Minolta

If you choose a PS 7000 book scanner, you can be sure of first-class service and support from Konica Minolta's extensive pan-European service set-up. Konica Minolta's decades of expertise in imaging technology is now backed up by a support network offering outstanding service to standards exceeding the business equipment industry's strict norms. So if something should go wrong with your PS 7000 system, you can rely on rapid assistance from Konica Minolta's technical support – and enjoy the peace of mind that goes with knowing your system is in good hands.

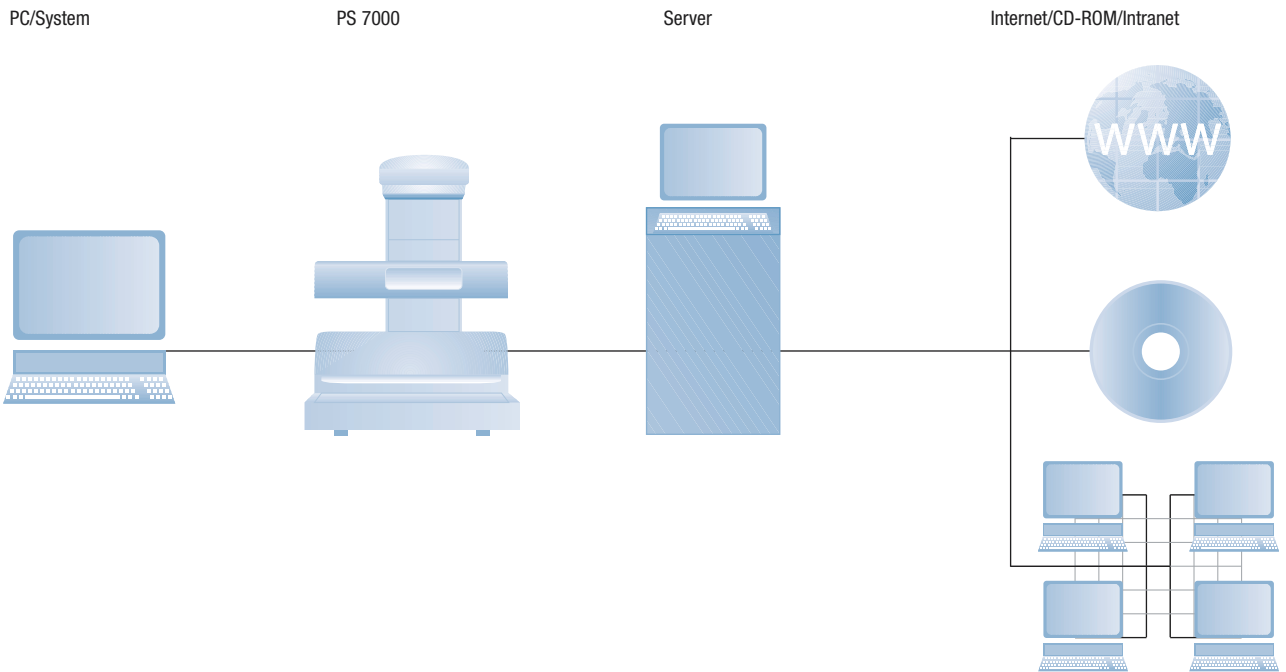




Document delivery service



Archiving





KONICA MINOLTA

Specifications PS 7000

Type

Face-up desktop book scanner

Scanning method

Mirror rotation scanning

Image sensor

7,500 pixels reduction mtype line
CCD

Light source

Halogen lamp

Scanning area

A2-size
Min.: 105 mm x 149 mm
Max.: 432 mm x 594 mm

Scanning resolution

200/300/400/600 dpi
(600 dpi is only achieved
when the document is A3
or smaller and the page
layout is set as landscape)

Output scale

Binary black and white
256 halftones

Scanning time

Less than 4.5 seconds,
A4 at 400 dpi with image
enhancement (image transfer
time is not included)

Reduction/enlargement

1:1

Exposure control

Auto/max. 9 steps variable

Focusing control

Auto/max. 10 mm steps
(manual focusing)

Other functions

Curvature correction, Character
reduction correction, Centre erase,
Masking, Centering, Finger shadow
masking, Text and photo mode,
Book split, PC/printer switchable

Interface

SCSI-2

Driver

Twain
ISIS

Power supply

100-120 V, 50/60 Hz
220-240 V, 50/60 Hz

Power consumption

Less than 1,000 W

Dimensions (W x D x H, mm)

730 x 740 x 960

Weight

64 kg

Options

Foot switch
Angle book holder
PS 7000 printer
256 halftones
Di350*

* For more details of
the Di350, please refer to
the respective brochures

Specifications PS 7000 Printer

Type

Desktop, non-impact page
printer

Printing system

Electrophotographic printing, laser
diode + polygon mirror scanning

Print speed A4

Simplex: 20 ppm

Print speed A3

Simplex: 11.7 ppm

Resolution

600 dpi x 600 dpi,
400 dpi x 400 dpi

Paper sizes

A3 L, A4

Paper feed method

Tray: 250 sheets A4
landscape fixed

Standard input

Universal cassette unit:
250 sheets A3

Paper output

Face down: 500 sheets

First print time

16 sec. max. (A4)

Warm-up time

70 sec. max.

Noise

Operating: 53 dB(A) max.
Standby: 38 dB(A) max.

Power consumption

Operating 750 W max.
Standby 200 W max.
Power save 30 W max.

Power supply

230V/50 Hz

Dimensions (W x D x H, mm)

545 x 383 x 403

Weight

Approx. 26 kg (without imaging
cartridge 1,9 kg)

Imaging cartridge

10,000 pages (5% coverage)



The current Blue Angel mark will change by end of 2003. Please ask your local dealer for details. All specifications relating to paper capacity refer to A4-sized paper of 80 g/m² quality. All specifications relating to scanning, copying or printing speeds refer to A4-sized paper that is scanned, copied or printed crosswise in multipage, simplex mode. The memory capacities listed refer to A4-sized paper with the toner coverage detailed in the respective foot note. Some of the product illustrations contain optional accessories.

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