



Omniscan 14000 A1

The A1 high end scanner for maximum performance and perfect images



Highest quality,
highest productivity

 **ZEUTSCHEL**

The Future of the Past.

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for maximum performance
and perfect images



*“What you haven’t given
up, you’ve never lost.”*

Friedrich von Schiller (1759-1805)

Millions of books, maps and files are lost every year because they are mislaid or totally ruined. With the disappearance of these valuable cultural assets we normally also lose the information they contain – forever. What that means for the future of human society cannot be expressed simply in figures. Therefore libraries and archives are not giving up on their efforts to preserve this cultural heritage for future generations.

With our recently developed Omniscan 14000 high performance scanner, historic documents can now be scanned with even higher quality and speed. With a scanning speed starting at 6.5 seconds (A1-size) and an illumination system which excludes ultraviolet light, the most sensitive materials, measuring up to 880 mm x 640 mm, can be digitized. For the protection of cultural assets the new Omniscan 14000 represents a new benchmark in the market exceeding even highest requirements and combining efficiency with an ergonomic design.

Product Advantages

- highest scan quality 600 ppi – 8 lp/mm
- fastest scan speed
- Perfect Book – 3D scan technology for perfect book curve correction
- parallel scanning and saving process due to 64 bit technology and multi-threading
- scanning in both directions
- high productivity due to ROI-scan feature (limitation of scan area)
- color reproduction is true to the original
- no UV/IR radiation
- no reflections with high gloss originals
- ergonomic working with and without glass plate

Specifications

Description: book-/overhead scanner, universal stand unit with easy roll-in, roll-out interchange document table system

Size of originals:

880 x 640 mm (> DIN A1, D-size)

Scanner tables: choice of easy roll-in/out

scanner tables, book cradle OT 180, OT 180 H, book cradle OT 180 H-35 for old books, backlight table (optional with glass plate, newspaper table –

see separate brochure OT)

Scan head:

with highest contrast quality (8 lp/mm), high precision scan lens, without distortion, field of depth approx. 50 mm / 2 inches

Scan mode:

36 bit color / output 24 bit color
12 bit gray / output 8 bit gray
1 bit b&w / output 1 bit b&w

Maximum resolution: 600 ppi

Scan speed (color, A1-size):

6.5 seconds / 300 ppi,
8.2 seconds / 400 ppi and
12.3 seconds / 600 ppi

Scanner interface: Dual Firewire

Perfect Book (optional):

3D scan technology for perfect book curve correction



Data display: all standard formats, e.g.

Tiff uncompressed, TIFF G4, JPEG, JP2, Multipage Tiff, PDF, BNMP, PCS, PNG

User software: software OS 12, 64 bit

for high productivity, multi-threading

Image enhancement software (optional):

integrated color management, contrast improvement, image rotation, despeckle, deskewing, cropping, masking, b&w scanning with dynamic threshold, etc.

Power requirements: 230 V, 50/60 Hz,

1.1 A, other voltages on request

Dimensions: OS 14000 incl. OT 180

(w x d x h) 1360 mm x 1432 mm x 2310 mm

Accessories: PC, monitor, workstation

We reserve the right to make technical changes without notice.



The Future of the Past.

If you are looking for a perfect solution for the digitization and preservation of valuable cultural works and documents, talk to us.

We have been in the market since 1961 and offer you complete digital and analog systems for scanning and microfilm technology at the highest level.

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