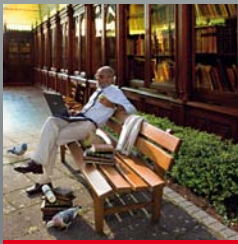




OS 14000 A0
OS 14000 A0 LS

A0 high end scanners for
maximum performance
and perfect images



Highest quality,
highest productivity.

 **ZEUTSCHEL**
The Future of the Past.

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“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 of only 6.5 seconds for a full A0-size document and an illumination system which excludes ultraviolet light, the most sensitive materials, measuring up to 1240 mm x 870 mm (49 inch x 34 inch), can be digitized. For the protection of cultural assets the new Omniscan 14000 represents a new benchmark in the market exceeding even the highest requirements and combining efficiency with an ergonomic design.

Product Advantages

- highest scan quality 400 ppi – 6.3 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:

1240 mm x 870 mm (> DIN A0)

49 inch x 34 inch (> E-size)

Scanner tables: choice of easy roll-in/out scanner tables, book cradle OT 180 H A0 with self-opening glass plate, book cradles A1 with Kit 90° and book holder for ancient books, backlight table, top light table (optional with glass plate, newspaper table, vacuum table – see separate brochure OT)

Scan head:

with highest contrast quality (6.3 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, A0-/E-size):

	OS 14000 A0	OS 14000 A0 LS
200 ppi	4.8 s	10 s
300 ppi	7.2 s	14 s
400 ppi	9.6 s	20 s

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, BMP, PCS, PNG, PCX

User software: software OS 12, 64 bit, multithreading for high productivity

Image enhancement software (optional):

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

Power requirement: 110 - 230 V,

50/60 Hz, 1.1 A – without book cradle (for book cradle see separate brochure)

Dimensions: OS 14000 incl. OT 180

(w x d x h) 1532 mm x 1751 mm x 2616 mm

(w x d x h) 60 inch x 69 inch x 103 inch

Accessories: PC, monitor, workstation

We reserve the right to make technical changes without notice.

If you are looking for a perfect solution for digitization and preservation of valuable cultural assets and documents, talk to us. For 50 years we have been managing all processes of document capturing, archiving, processing and provision of digital data with our analog and digital systems for scanning and microfilm technology at the highest level.

Our systems are used worldwide by renowned archives, libraries, universities, land registries as well as commercial enterprises and service providers.



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