OS 14000 A1
OS 14000 A1 LS

A1 high end scanner for maximum performance and perfect images.

The future of the past.

ZEUTSCHEL

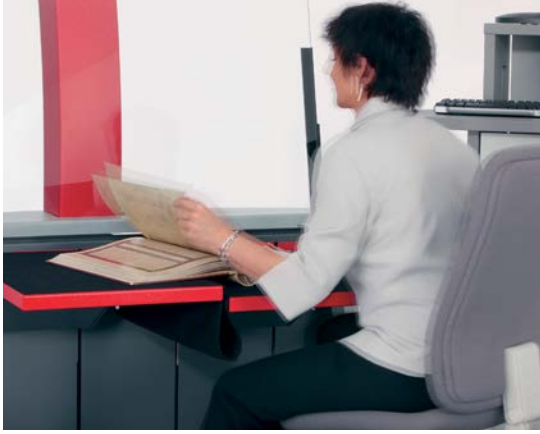
OS 14000 A1
OS 14000 A1 LS

Highest quality, highest productivity.

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 (35 inch x 25 inch), 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.



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)
35 inch x 25 inch (> 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, Kit 90° and book holder for ancient books, toplight 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):

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300 ppi	6.5 s	13 s
400 ppi	8.2 s	16 s
600 ppi	12.3 s	24 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, PNG, PCX

User software: software OS 12, 64 bit, multi-threading 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) 1360 mm x 1432 mm x 2310 mm
54 inch x 56 inch x 91 inch

Accessories: PC, monitor, workstation

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

www.kraas-lachmann.com (en-02/2016)

If you are looking for a perfect solution for digitization and preservation of valuable cultural assets and documents, talk to us. For more than 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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