

OS 14000 A0 OS 14000 A0 LS OS 14000 A0 HQ

A0 high end scanner for maximum
performance and perfect images



The Future of the Past.

Z
ZEUTSCHEL

*“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.





The OS 14000 A0

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

Scan head: with highest contrast quality (6.3 lp/mm), high precision scan lens, without distortion, field of depth approx. 50 mm / 2 inches

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

Perfect Book (optional): 3D scan technology for perfect book curve correction

Image enhancement software (optional): integrated color management, contrast improvement, image rotation, despeckle, deskewing, cropping, masking, b&w scanning with dynamic threshold, etc.

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)

Product advantages

- highest scan quality
- 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
- OS 14000 A0 HQ: highest image quality





Technical data		
	OS 14000 A0 OS 14000 A0 HQ	OS 14000 A0 LS
Size of originals	1240 x 870 mm (> DIN A0) 49 inch x 34 inch (> E-size)	
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-size/E-size)	4.8 seconds / 200 ppi 7.2 seconds / 300 ppi 9.6 seconds / 400 ppi	10 seconds / 200 ppi 14 seconds / 300 ppi 20 seconds / 400 ppi
User software	software OS 12, 64 bit, multithreading for high productivity	
Scan head	with highest contrast quality (6.3 lp/mm), high precision scan lens, without distortion, field of depth approx. 50 mm / 2 inches	
Scanner interface	Dual Firewire	
Data display	all standard formats, e.g. Tiff uncompressed, TIFF G4, JPEG, JP2, Multipage Tiff, PDF, BMP, PNG, PCX	
Accessories	PC, monitor, workstation	
Dimensions incl. OT 180 (w x d x h)	1532 x 1751 x 2616 mm 60 x 69 x 103 inch	
Power requirements	110 - 230 V, 50/60 Hz, 1.1 A – without book cradle (for book cradle see separate brochure)	

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 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.



Zeuschel GmbH · Heerweg 2 · 72070 Tübingen
Tel.: +49 7071 9706-0 · Fax: +49 7071 9706-44
info@zeuschel.de · www.zeuschel.com

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