Omniscan 14000 TT

The A2 high end scanner 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 TT high performance scanner, historic documents can now be scanned with even higher quality and speed. With a scanning speed starting at 3.5 seconds (A2-size) and an illumination system which excludes ultraviolet light, the most sensitive materials, measuring up to 635 mm x 460 mm, can be digitized. For the protection of cultural assets the new Omniscan 14000 TT represents a new benchmark in the market exceeding even the 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 according to ICC-standards
- no UV/IR radiation
- no reflections with high gloss originals
- ergonomic working with and without glass plate

Specifications

Description: table top book-/overhead scanner for books, newspapers, and large-format documents (manuscripts, drawings, maps)

Size of originals:

635 x 460 mm (> DIN A2, C-size)

Book cradle: maximum book thickness 150 mm, optional bookcradle with glass plate (scanning with or without glass plate)

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, A2-size):

3.5 seconds / 300 ppi,

4.0 seconds / 400 ppi and

6.0 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: (w x d x h)

940 mm x 1353 mm x 1621 mm;

foot print 700 mm x 1060 mm

Accessories: PC, monitor, workstation

We reserve the right to make technical changes without notice.

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www.kraas-lachmann.com (03/2008)

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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