

OS 12002 V

The high performance scanner
for particularly valuable books



The Future of the Past.


ZEUTSCHEL

“He lives two lives who relives his past with pleasure.”

Marcus Valerius Martialis (approx. 40-102)

If you need to digitize valuable books and documents, the OS 12002 V provides a future-proof solution for every requirement.

The OS 12002 V range is particularly gentle on books and preserves their value thanks to its new bookholding concept. Both pages of a book can be scanned simultaneously.

The OS 12002 V was developed working closely with experienced users. With an opening angle of 90°, the OS 12002 V meets the standard of restorers not to scan old and historically valuable books with an opening angle of 180°, 140° or 120° but with a maximum of 90°. In the process, the books can be scanned with or without a glass plate depending on the need.





The OS 12002 V

Description: overhead tabletop scanner
for bound originals

Book scanning: V-position 90°, adjustable side walls, centre indicator, ergonomic control panel, height-adjustable, adjustable book spine width, integrated trigger bars

User software: Software OS 12 for high productivity with all the standard image processing tools, like for example, masking, cropping, deskewing, removing black border and connecting to the Document Management Systems

Image processing / image enhancement

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

Perfect Book (optional): 3D scan technology for perfect book curve correction and automatic document detection

Product advantages

- max. opening angle 90°
- gentle book scanning
- double-page processing
- working without glass
- ROI-scan feature (limitation of scan area)
- high productivity
- best results without additional post processing
- Perfect Book – 3D scan technology for automatic book detection and perfect book curve correction
- automatic white balance for best and constant color quality
- no UV/IR radiation
- low exposure to light (illumination will only be activated when scanning)
- no reflections with high gloss originals
- ergonomic working position
- excellent cost-performance ratio
- electronically controlled self-opening glass plate
- glass plate easy to remove





Technical data OS 12002 V

Scan area	600 (2 x 300) x 450 mm (> 2 x DIN A3)
Scan mode	Color
True color processing	42 bit color output 24 bit color 14 bit gray scale output 8 bit gray scale 1 bit b/w output 1 bit b&w
Maximum resolution	600 ppi
Scan speed	3,8 sec / 400 ppi
User software	Omniscan 12 / 64 bit, with multi-thread function (optional)
Book holder	V-position 90°, adjustable side walls, centre indicator, ergonomic control panel, height-adjustable, adjustable book spine width, integrated trigger bars, can also be operated manually
Working Mode	automatic / manual
Maximum book thickness	150 mm with and without glass plate
Scanner interface	Gig E
Data display	all the standard image formats, for example, TIFF uncompressed, TIFF G4, JPEG, JP2, Multipage TIFF, PDF, Multipage PDF, BMP, PNG, GIF, PCX
Accessories (optional)	PC, monitor, lockable scanner table
Dimensions (w x d x h)	1023 x 880 x 1025 mm
Work space	700 x 720 mm
Weight	approx. 130 kg
Power requirements	230 V, 50/60 Hz, 1.1 A, other voltages on request

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.



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