OS 12002

Future-proof digitization.

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If you need to digitize large-size documents, valuable books and maps, the OS 12002 product family provides a future-proof solution for every requirement.

The rear, glare-free illumination and the intuitive operating system with monitor control ensure excellent results. Faulty scans and uneven illumination are thus things of the past. The OS 12002 is especially document and user friendly because you can scan faster than it takes to blink (<1 sec). The low level of light emission not only protects valuable documents, but also makes the handling safe, efficient, and ergonomic. The OS 12002 is aesthetically pleasing and extremely functional at the same time. It makes digitisation intuitive and easy.

The OS 12002 V, which was developed working closely with experienced archivists, completes the OS 12002 product family. 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. Other accessories, like for example, inlays for protecting the book spine are optionally available.

The OS 12002 series

- **Description:** Overhead tabletop scanner for books, newspapers and large-size documents (certificates, drawings, maps)
- **User software:** Software OS 12 for high productivity with all the standard image processingtools, 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.

Product advantages

- high speed (scanning time only 1 second per scan)
- does not depend on ambient light
- low exposure to light (illumination will only be activated when scanning)
- no glare, no exposure to heat
- no UV radiation
- best results
- high productivity
- no reflections with high gloss originals
- excellent cost-performance ratio
- the device models Comfort, Advanced Plus and V-book scanner are optionally available.

- The top-scanners of this series – OS 12002 Advanced Plus and OS 12002 V – are provided with an **automatic work mode:** automatic positioning of the book, automatic opening of the glass plate and automatic lowering of the book support plates after scanning, automatic start of scan, electronically controlled book pressure, continuously adjustable in 5 steps for protection of the documents

Technical data	OS 12002 Comfort	OS 12002 Advanced	OS 12002 Advanced Plus	OS 12002 V
Scan area	622 × 460 mm (> DIN A2)	622 × 460 mm (> DIN A2)	622 × 460 mm (> DIN A2)	600 (2 × 300) × 450 mm (> 2 × 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			
Auto focus	aapprox. 50 mm			
User software	min. OmniScan OS 12.12 (64 bit), with multithread function (optional)			
Book holder	manual comfort book holder	Advanced version with glass plate, opening angle adjustable up to 90°; automatic opening of glass plate after scanning	motorized book support plates, self-opening glass plate with adjustable opening angle, adjustable up to 90°. Intelligent and increased control panel with programmable keys	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	manual		automatic / manual	
Maximum book thickness	100 mm	100 mm with glass plate 150 mm without glass plate	150 mm with glass plate 200 mm without glass plate	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, different book holders	PC, monitor, lockable scanner table		
Dimensions (w x d x h)	955 × 880 × 1312 mm	1023 × 880 × 1206 mm		
Work space	700 × 720 mm			
Weight	approx. 70 kg	approx. 90 kg		approx. 130 kg
Power requirements	230 V, 50/60 Hz, 1,1 A other voltages on request			

More Information:

www.zeutschel.de/en/produkte/scanner/aufsicht-scanner/os-12002-advanced-din-a2.html

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