

# OS 12002

Future-proof digitization.



The Future of the Past.



**ZEUTSCHEL**

*“Whoever closes his eyes to the past becomes blind to the present.”*

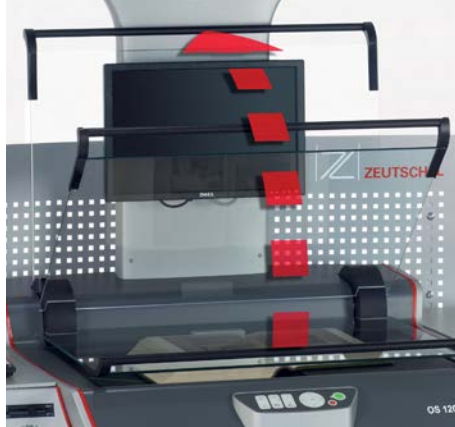
*Richard von Weizsäcker*

**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 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.

## 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 Bookcopy, 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



	OS 12002 Bookcopy	OS 12002 Comfort	OS 12002 Advanced Plus	OS 12002 V
<b>Scan area</b>	635 x 460 mm (> DIN A2)			600 (2 x 300) x 450 mm (> 2 x DIN A3)
<b>Scan mode</b>	Color			
<b>True color processing</b>	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			
<b>Maximum resolution</b>	300 - 600 ppi	600 ppi		
<b>Scan speed</b>	3.8 sec /400 ppi			
<b>Auto focus</b>	approx. 50 mm			—
<b>User software</b>	Bookcopy-Software (optional) Perfect Book: 3D scan technology for perfect book curve correction	Omniscan 12 / 64 bit, with multi-thread function (optional)		
<b>Book holder</b>	manual comfort book holder	motorized book support plates, self-opening glass plate with adjustable open- ing angle, adjustable up to 90°. Intelligent and increased control panel with program- mable 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	
<b>Working Mode</b>	manual	automatic / manual		
<b>Maximum book thickness</b>	100 mm	150 mm with glass plate, 200 mm without glass plate	150 mm with and without glass plate	
<b>Scanner interface</b>	Gig E			
<b>Data display</b>	TIFF, Multipage TIFF, PDF, Multipage PDF, JPEG	all the standard image formats, for example, TIFF uncompressed, TIFF G4, JPEG, JP2, Multipage TIFF, PDF, Multipage PDF, BMP, PNG, GIF, PCX		
<b>Accessories (optional)</b>	Laser printer, lockable scan- ner table, different bookends	PC, monitor, lockable scanner table, different bookends		PC, monitor, lockable scanner table
<b>Dimensions (w x d x h)</b>	955 x 880 x 1312 mm		955 x 880 x 1362 mm	1023 x 880 x 1025 mm
<b>Work space</b>	700 x 720 mm			
<b>Weight</b>	approx. 70 kg		approx. 90 kg	approx. 130 kg
<b>Power requirements</b>	230 V, 50/60 Hz, 1.1 A, other voltages on request			

We reserve the right to make technical changes without notice.

