



Zeutschel OS A V

The Specialist for Fragile, Bound Originals



The Zeutschel OS A V is purpose-built for the digitisation of conservationally sensitive, bound materials – rare books, archival volumes, and other fragile originals that require the highest level of care.

It combines exceptional image quality, full frame sensor use, and a workflow so simple that operators can achieve perfect results from the very first scan.

Precision Imaging – Maximum Sensor Performance

At the heart of the Zeutschel OS A V is the OS A V-Shape Zoom System. This optical zoom capability – combined with interchangeable optics – ensures that the full resolution of your camera sensor is used for every scan, regardless of book size.

Cameras and lenses can be changed or repurposed for other uses, protecting your investment and future-proofing your setup.

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Deepest View into the Spine – Without Distortion

The Zeutschel OS A V's optical design places the optical center for each page on the outer page edge. This means the system “looks” into the gutter with an expanded angle of view – allowing an exceptionally deep look into the spine, without shadows or image loss.

The result: identical quality on left and right pages, every time.

Gentle Handling – Built for Conservation

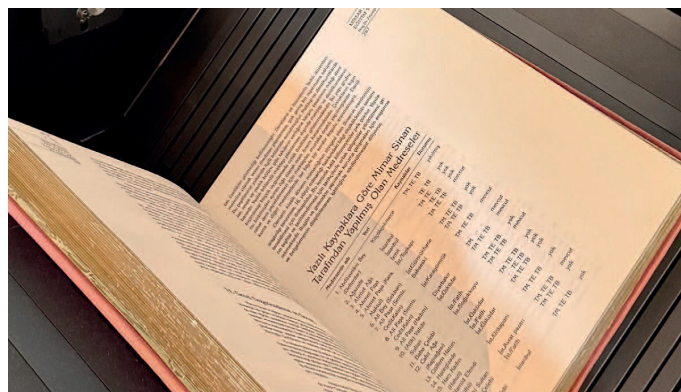
- 90° V-shaped cradle – only 90° opening angle required.
- Book cradle supports fragile bindings and spines.
- Pre-set automatic glass pressure – applies gentle contact, triggers scan automatically when pressure is reached.
- Telescopic wooden side supports adapt to different formats.
- Shadow-free, glare-free lighting – illumination falls onto the pages, not into the operator's eyes.
- Automatic light activation only during scan for maximum material safety.

Three Scanners in One – Unmatched Flexibility

The Zeutschel OS A V is the only system that offers three operating modes in a single device:

1. Double-page scan mode – one pass for both pages, identical quality left and right.
2. Sequence scan mode – full-sensor capture of each page for specialised workflows.
3. Flat scan mode – with quick and easy cradle reconfiguration.

The Zeutschel OS A V sets a new standard – combining three modes in one conservation grade scanner for unmatched versatility.



Workflow Advantages

- Full G1 workflow with automatic calibration – same proven process as the OS A series
- 1-, 4-, and 16-shot support for any quality or speed requirement
- Interchangeable cameras and lenses for adaptability and long-term value
- Compliant with ISO 19264-1 digitisation standards

With the Zeutschel OS A V, digitizing fragile, bound originals becomes a secure, efficient, and high-quality process – from careful placement to the final image.

Technical Data	Zeutschel OS A V
Dimensions	
Height / Width / min. [mm]	2700 / 1022 / 947
Depth [mm]	1810
Footprint (width x depth)	840 x 915
Weight [kg]	140
Lighting	LED lighting, dimmable and selfdimming. Shadow-free illumination of the book gutter, even with a 90° opening.
Glass plate	Motorised 90° V-shaped glassplate, automatic or manual-electric operation, removable for glassfree work. Controlled pressure with detection, auto-open after scan, and auto-start when pressure is reached. Precise zero-position lock ensures exact alignment in the focus plane.
Camera	Zeutschel CAM 150 MP and 250MP (coming soon) Phase One XF IQ4 150MP, Fuji GFX100SII, Sony A7R IV
Format	
Book Cradle	2 x A3
Flatbed	>A2; 850 mm × 600 mm, or two A3+ pages in 90° mode
Image Quality	ISO 19264-1 Level A
Supply Voltage	24V / 9,2A / 110-240V 50 o.60Hz 3A max

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