ZEUTSCHEL
Cultural Heritage is our Passion

Impressive results
in any format -
at an amazingly
affordable price.

OS A

Scan. Everything. Simple

The OS A: A scanner for all formats.
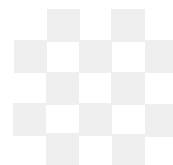## Discover our price/performance winner

Imagine being able to digitize diverse collections with just one device and not having to compromise on quality. The OS A was developed precisely for the demands of perfection and practicality. Our latest generation overhead scanner is based on a unique approach that enables consistently brilliant results.
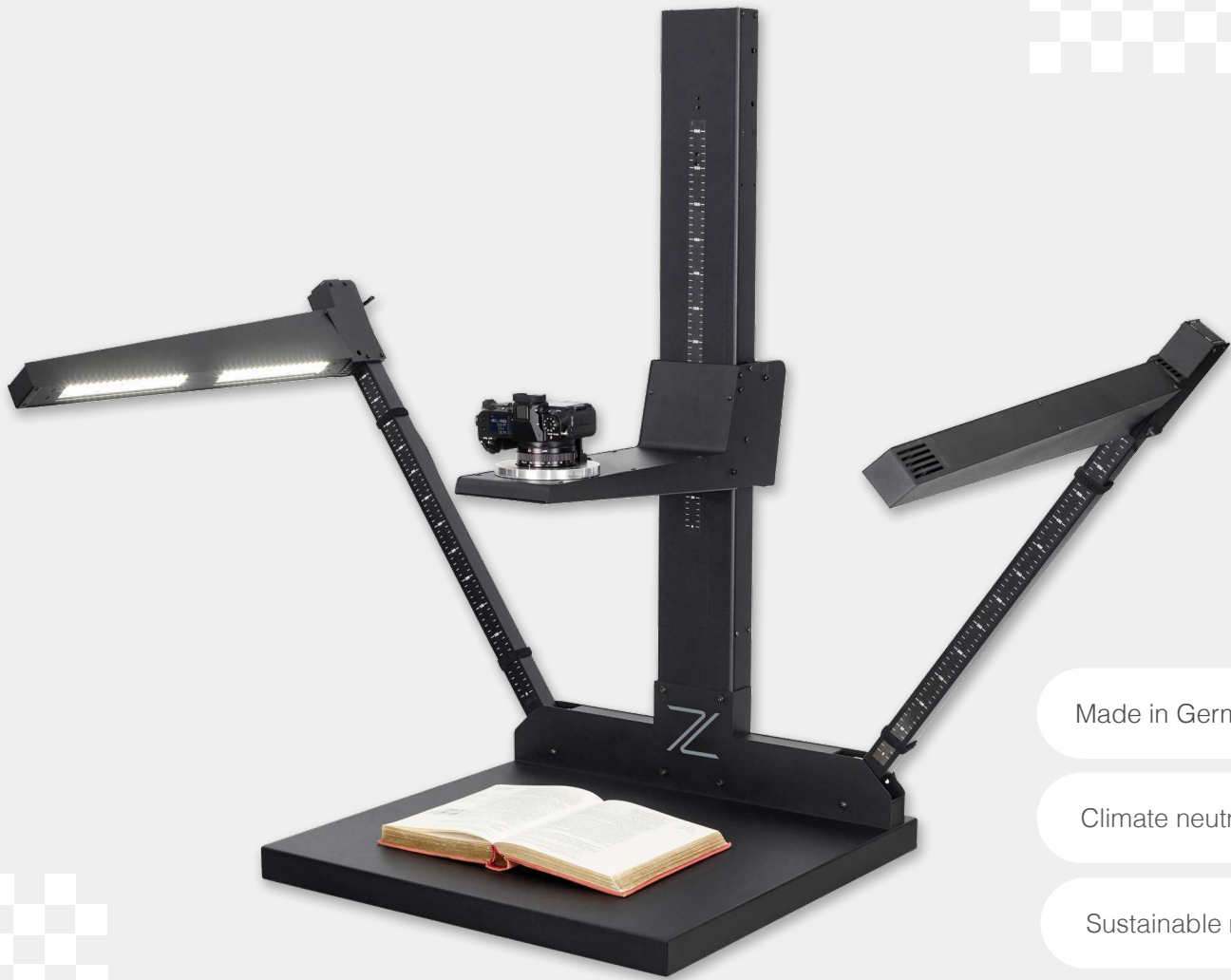
The secret of perfection: our scanning software

The heart of the OS A overhead scanner is our OmniScan 12 software which calibrates all camera settings and image processing at the push of a button. It enables one to optimally set quality parameters such as exposure, color rendering and shading. If the project settings such as format, light or lens change, the user simply triggers the automatic recalibration of the system in the software. This calibration is possible at any time and ensures that you receive reproducible, constant results of the highest quality.

Unique: The automatic quality check in real time

With the OS QM Tool quality analysis software, the operator can check the results of the test chart for compliance with the image quality specifications of ISO 19264-1 or relevant guidelines such as Metamorfoze or FADGI. With the Object Level Target, which is placed next to your originals, 100% quality assurance is achieved via the interface between the OmniScan software and the OS QM Tool.

Made in Germany

Climate neutral production

Sustainable materials

Flexible: The modular system

The OS A also impresses with its particularly flexible equipment. Choose between semi-professional and professional camera models from well-known manufacturers depending on your needs. The modular recording systems include various book cradles and a backlight table which can be used to gently digitize files, books and documents, as well as photos, slides, paintings or coins and seals. Some modules of the OS A can be retrofitted and adjusted for the respective work task in just a few simple steps.

The advantages at a glance:

- Maximum productivity thanks to automatic quality assurance
- Future-proof investment through flexibility in modular pieces
- Top price/performance ratio
- Compact design for use in the smallest of spaces

Compliant to
ISO 19264-1
FADGI
Metamorfoze

Technical data	OS A without book cradle	OS A Advanced with book cradle
Dimensions		
Height / Width / min. [mm]	1275 / 2232 / 700	1440 / 2232 / 856
Depth [mm]	880	880
Footprint width x depth) [mm]	700 x 686	856 x 720
Weight [kg]	40	85
Lamp Arms (adjusting angle / displacement way)	adjusting angle 35 - 95° / 600 mm light axis+/- 15° inclinable to the lamp arm	
Lighting	24 V / 72 W	
Spectrum	LED fully spectral	
CRI	> 95	> 96
Illuminance in Lx (typical) / illuminance max. in Lx.	approx. 2000 / approx. 4000	
Column and Camera Arms		
Travel way [mm]	800	
Travel speedspeed (motorized version) in mm sec	15 mm	
Weight compensation	up to 2,5 kg camera weight	
Self-locking	✔	
Distance optical center to column	380	
Camera support	camera turret rotatable, 90° locking positions	
Camera mount	1/4" thread	
Camera turret tilt adjustment	+/-1,6 mm (approx. 1°)	
TLF sensor for measuring book thickness	precision better than 1 mm	
Interactive automatic calibration for		
Sampling rate in ppi/dpi	✔	
Exposure / white balance / homogenity / illumination / distorsion correction	✔	
Chromatic aberration correction	✔	
Further features		
Linearity / OECF correction	✔	
Transformation to working colour space (selectable)	✔	
Electrical values	manually driven	electrically driven
110-240 V 50/60 Hz: 220 W max.	82 W	98 W