Genus Digitisation

50 YEARS
GENUS
ARCHIVE • DIGITISE
• Established 1974 •

Zeutschel OS A

Scan. Everything. Simple

Impressive results in any format - at an amazingly affordable price

ZEUTSCHEL

Zeutschel OS A

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.

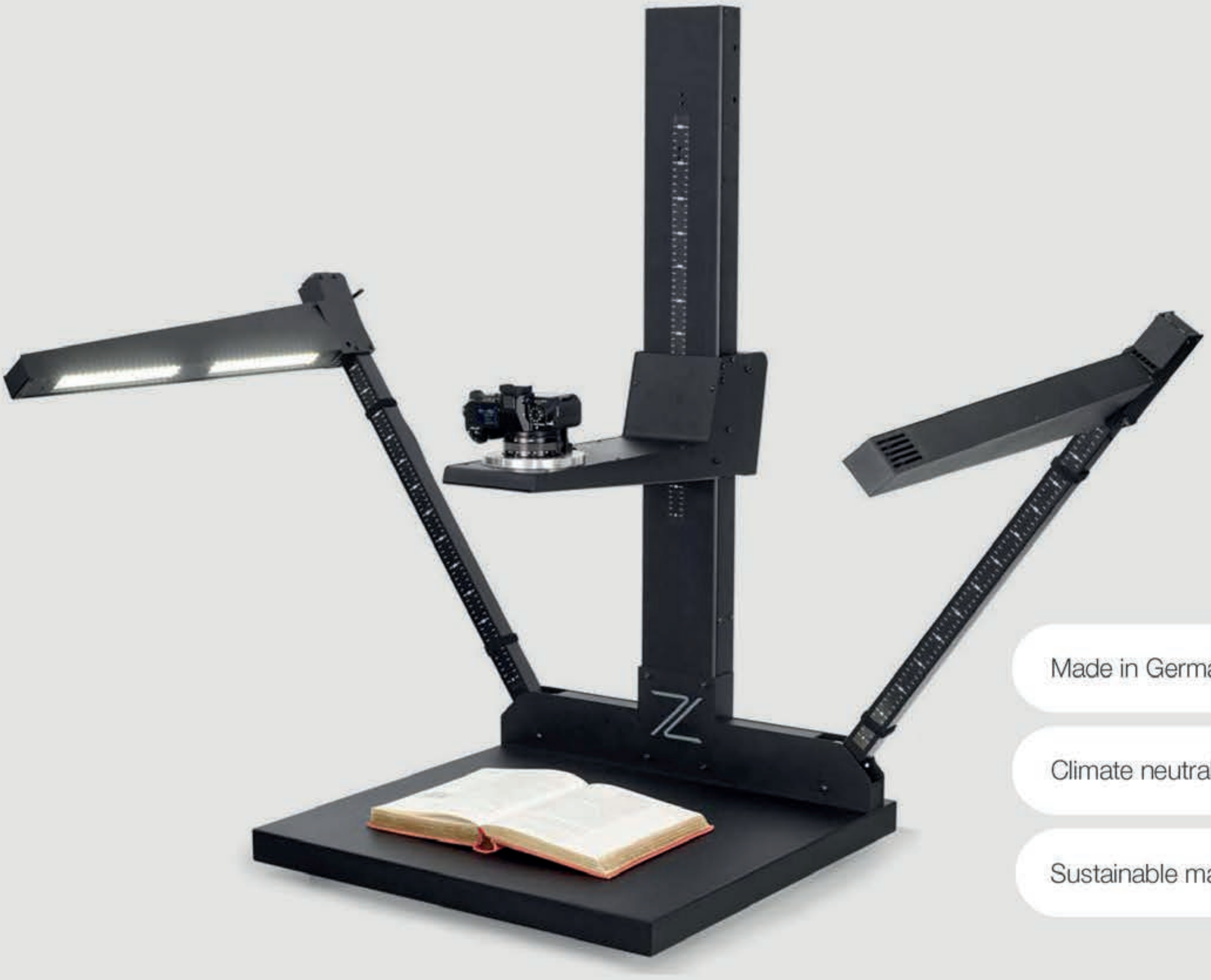
The secret of perfection: our scanning software

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.

Discover our price/performance winner



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:

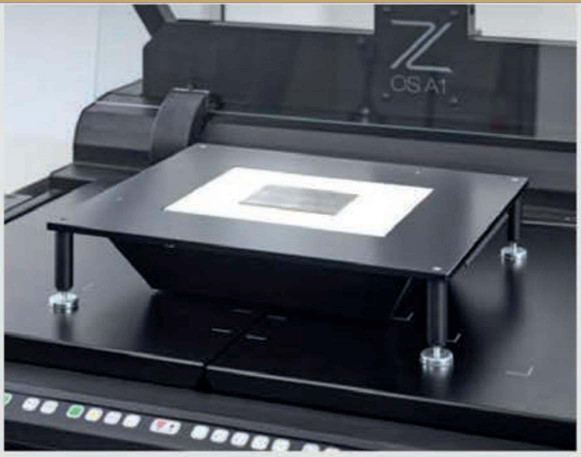
- Maximum productivity thanks to automatic quality assurance
- Future-proof investment through flexibility in modular pieces
- Top price/performance ratio
- Compact design for use in the smallest of spaces

Compliant to

ISO 19264-1
FADGI
Metamorfoze

Cameras and Lenses	Additional Information
Canon	
Camera: Canon EOS R10	24 MP, APS C Sensor 6000 × 4000 pixels
Lense: Canon RF35 F1.8 IS Macro STM	only for CANON ESO R10, integrated Makro up to 1:2
Integration Kit OS 12: includes the necessary accessories and licenses to calibrate and operate the camera on the scanner	OS 12 integration kit for Canon EOS R10 incl. setup kit (alignment laser incl. packaging, geo-template & measuring UTT A3 incl. packaging, assambly tool), Packaging for camera and lens, lens adapter for standard lens, power supply and cable if necessary, communication card and cable if necessary, camera mounting bracket, software license for OS 12 intergration kit
FUJI	
Camera: FUJIFILM GFX50S II	51.4 million pixels; medium format sensor 43.8 × 32.9 mm; 8256 × 6192 pixels
Camera: FUJIFILM GFX100S	102 million pixels; medium format sensor 43.8 × 32.9 mm; 11648 × 8736 pixels
Lens: FUJINON GF63 mm F2.8 R WR	Image stabilizer, normal focus length, for both GFX cameras, preferred lens
Lens: FUJINON GF50 mm F3.5 R LM WR	Light wide angle, for both GFX cameras
Lens: and Macro Set for FUJI GFX	Macro set for 100s / 50s II incl. deep camera mount, bellows and lens Macro-Symmar 5.6/120 mm
Integration Kit OS 12: includes the necessary accessories and licenses to calibrate and operate the camera on the scanner	OS 12 integration kit for FUJIFILM GFX50S II / GFX100S incl. setup kit (alignment laser incl. packaging, geo-template & measuring UTT A3 incl. packaging, assambly tool), Packaging for camera and lens, lens adapter for standard lens, power supply and cable if necessary, communication card and cable if necessary, camera mounting bracket, software license for OS 12 intergration kit
SONY	
Camera: Sony Alpha 7M4	ILCE-7M4, 33 MP effective, full-frame sensor 35.9 × 23.9 mm
Camera: Sony Alpha 7RM4A	ILCE-7RM4A, 61 MP effektive, full-frame sensor (35.7 × 23.8 mm)
Lens: Planar T* FE 50 mm F1.4 ZA	SEL50F14Z, Zeiss planar lens, for full-frame sensor
Lens: FE 50 mm F2.8 Makro	SEL50M28, integrated macro, for full-frame sensor, preferred lens
Integration Kit OS 12: includes the necessary accessories and licenses to calibrate and operate the camera on the scanner	OS 12 integration kit for Sony Alpha 7M4 / 7RM4A incl. setup kit (alignment laser incl. packaging, geo-template & measuring UTT A3 incl. packaging, assambly tool), Packaging for camera and lens, lens adapter for standard lens, power supply and cable if necessary, communication card and cable if necessary, camera mounting bracket, software license for OS 12 intergration kit

Accessories for the OS A scanner



Modular Backlight Unit for OS A

- LED transmitted backlight unit with 200 × 250 mm illuminated area
- Incl. Anti Newton film holder set for film types 120 and 135.
- Includes masks for film stripes 35 mm, 4,5 × 6, 6 × 6, 6 × 7, 6 × 8 and 6 × 9 cm on film type 120 as well as 5 × 5 cm holder for mounted 35 mm slides, OS A calibration target for transmitted light

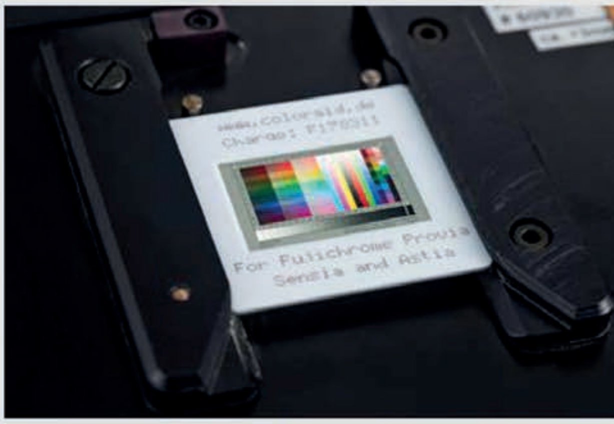
Sheet film holder for OS A backlight unit

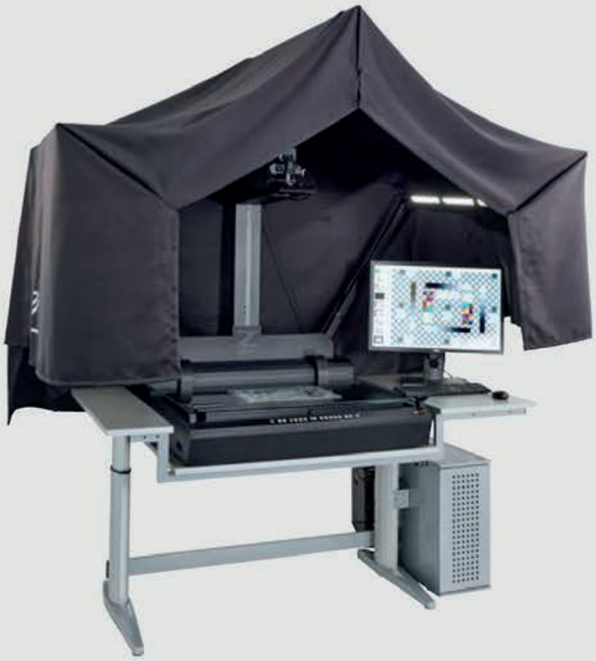
for processing sheet films in the formats 8
5 × 7", 13 × 18 cm and 18 × 24 cm

Glass negative holder

Infinitely adjustable original holder for glas
negatives and other non-flexible transpare
originals for use on the OS A backlight un

Extra option:
Film holder for 9 × 12 cm / 4 × 5" film type





Black canopy

including aluminum rods for easy attachment to the OS A. Creates a protected working environment, blocks out extraneous light and thus significantly improves image reproduction

Technical data	OS A2 Basic	OS A2 Advanced with book cradle	OS A1 Basic	OS A1 Advanced with book cradle
Scan format (dep. on camera and lense)	up to A2+		up to A1	
Dimensions				
Height / Width max./ Width min. [mm]	1275 / 2210 / 700	1400 / 2210 / 860	1632 / 2700 / 947	1632 / 2700 / 1040
Depth [mm]	1011	1011	1160	1156
Footprint (width × depth) [mm]	700 × 686	823 × 860	910 × 947	1023 × 1040
Weight [kg]	40	90	55	120
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		24 V / 96 W	
Spectrum	LED fully spectral			
CRI	> 95			
Illuminance in Lx (typical) illuminance max. in Lx.	approx. 2000 approx. 4000			
Column and Camera Arms				
Travel way [mm]	800		950	
Weight compensation	up to 2.5 kg camera weight			
Self-locking	✓		✓	
Distance optical center to column [mm]	379		515	
Possible cameras and their resolutions				
Canon EOS R10	24 MP			
Sony Alpha 7 M4 / Sony Alpha 7 RM4A	31 MP / 61 MP			
FUJIFILM GFX50S II / FUJIFILM GFX100S	50 MP / 100 MP			
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	98 W	130 W

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