



OS A XL OS A XXL

Scan. Everything. Simple.

Impressive for large-scale projects



OS A XL/XXL - A scanner for large-scale formats:

Discover our price/performance winner

Imagine being able to digitise diverse collections with just one device and not having to compromise on quality. The OS A XL/XXL 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.

Flexible: The modular system

The OS A XL/XXL also impresses with its particularly flexible equipment. Choose between semi professional, professional and high-end 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 digitise files, books and documents, as well as photos, slides, paintings or coins and seals. Some modules of the OS A XL/XXL can be retrofitted and adjusted for the respective work task in just a few simple steps.



MADE IN GERMANY
SUSTAINABLE MATERIALS



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.

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

Camera & Lenses		Additional Information	
FUJI			
Camera: FUJIFILM GFX100S II		102 Mio. pixels; medium format sensor 43,8×32,9 mm; 11.648×8.736 pixels	
Camera: FUJIFILM GFX100 II IR		102 Mio. pixels; medium format sensor 43,8×32,9 mm; 11.648×8.736 pixels spectral sensitivity approx. 350-1100 nm	
Lens: FUJINON GF63 mm F2.8 R WR		Image stabiliser, normal focus length, for both GFX cameras	
Lens: FUJINON GF50 mm F3.5 R LM WR		light wide angle, for both GFX cameras	
Lens: FUJINON GF55 mm F1.7 R WR		4:3 sensor, image stabiliser, preferred lens for versatility, image quality, resolution and light sensitivity	
Lens: FUJINON GF120 mm F4 R LM OIS WR Macro		medium-length macro lens, image stabiliser, 95 mm focal length, 45 cm minimum focusing distance	
Lens and Macro Set for FUJI GFX		Macro set for GFX-cameras incl. deep camera mount, bellows and lens Macro-Symmar 5.6/120 mm	
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 effective, full-frame sensor (35,7×23,8 mm)	
Lens: FE 50 mm F2,8 Makro		SEL50M28, integrated macro, for full-frame sensor, preferred lens	
Zeutschel CAM			
Cameraback: Zeutschel 151 MP		Sensor: Sony IMX411, 14.192x10.640 pixels 3,76 µm	
Cameraback: Zeutschel 245 MP		Sensor: Sony IMX811, 19.200x12.800 pixels 2,8 µm	
Cameraback: PhaseOne iQ4 150		Sensor: 14.204x10.652 pixels 3,76 µm	

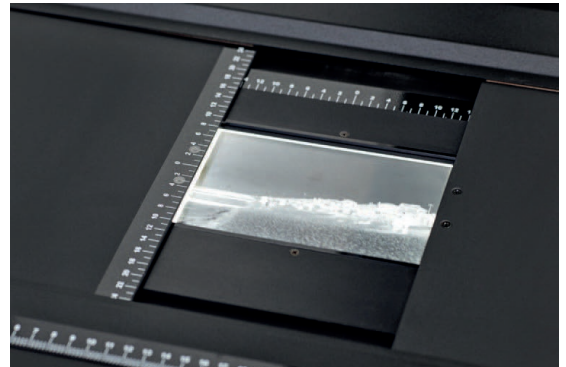


All cameras are available with matching integration kits, which include the necessary accessories and licences to calibrate and operate the camera on the device.
Further Cameras on request.

Accessories for the OS A XL/OS A XXL scanner for A1/A0 formats

Modular Lightbox for OS A XL/XXL

- LED transmitted backlight unit with 420 × 600 mm illuminated area.
- Incl. Anti-Newton film golder set for 120 and 135 film types.
- Incl. masks for 35 mm film strips, 4.5 × 6, 6 × 6, 6 × 7, 6 × 8 and 6 × 9 cm, 9 × 12 and 4 × 5" sheet film, as well as a glass-free holder for 5 × 5 framed slides and OS A XL/XXL calibration target for transmitted light.



Sheet film holder (optional)

For processing sheet films in the following formats: 8×10", 5×7", 13×18 cm and 18×24 cm.

Glass negative Holder

Infinitely adjustable original holder for glass negatives and other non-flexible transparent originals for use on the OS A XL/XXL backlight unit.

Extra option:

Film holder for 13 × 18 cm / 8 × 10" film

Black canopy

Including aluminium frame for easy attachment to the OS A XL/XXL. Creates a protected working environment, blocks out external light and thereby significantly improves image reproduction.



Scanning tables

All Zeuschel scanning tables suitable for A1 and A0.

Technical Data	OS A XL	OS A XXL
Dimensions		
Max. height / width / Min. width [in mm]	2211 / 2970 / 1298	2441 / 2970 / 856
Depth [mm]	1154	1295
Weight [kg]	100	100
Lamp arms (adjustability / travel)	Adjustment angle 35–95° relative to the document surface / 600 mm Light axis can be tilted +/-15° relative to the lamp arm	
Lighting	24 V / 72 W	
Spectrum	Full-spectrum LED	
CRI	> 95	> 96
Illuminance in lux (typical) / Maximum illuminance in lux	approx. 2000 / approx. 4000	
Column and camera arms		
Travel way [mm]	1140	
Travel speed (electric version) in mm/sec	15 mm	
Weight compensation	up to 5 kg camera weight	
Self-locking	✓	
Distance optical center to column [mm]	515	
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 / homogeneity / illumination / distortion correction	✓	
Chromatic aberration correction	✓	
Further features		
Linearity / OECF correction	✓	
Transformation to working color space (selectable)	✓	
Elektrical values	electrically driven	
110-240 V 50/60 Hz: 220 W Max.	130 W	



OS A XL



OS A XXL

Get in touch



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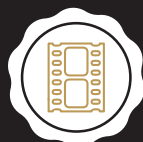
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- Hardware Support
- Software Support



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- Digital Asset Management



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