



Impressive
for large-scale
projects

OS A XL
OS A XXL

Scan. Everything. Simple.

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

Discover our price/performance winner

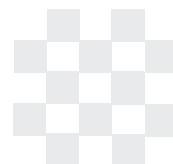
Imagine being able to digitize diverse collections with just one device and not having to compromise on quality. The OS A XL/XXL was developed precisely for the demands of perfection and practicality. Our latest generation overhead scanner is based on a unique approach that enables consistently brilliant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

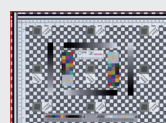
Sustainable materials

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



Compliant to

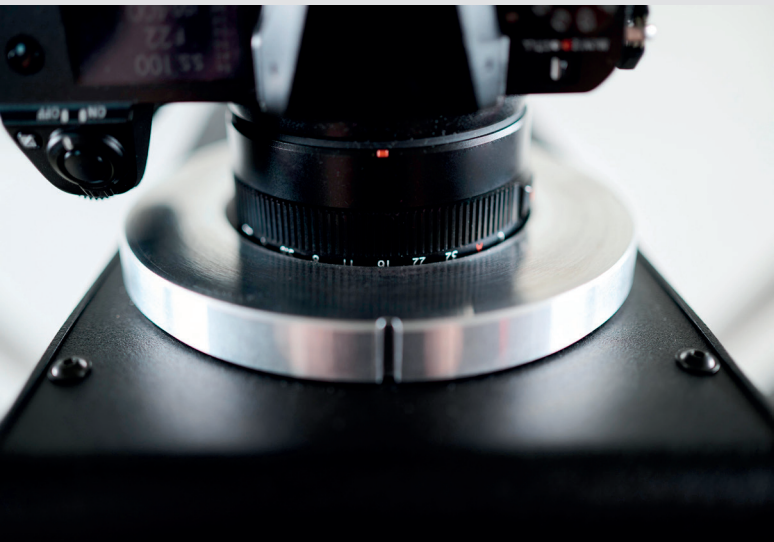
ISO 19264-1
FADGI
Metamorfoze

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 stabilizer, 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 stabilizer, 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 stabilizer, 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

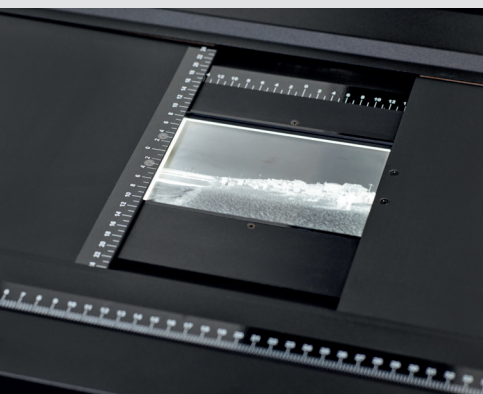
SONY	
Camera: Sony Alpha 7M4	ILCE-7M4, 33MP effective, full-frame sensor 35.9×23.9 mm
Camera: Sony Alpha 7RM4A	ILCE-7RM4A, 61MP effective, full-frame sensor (35.7×23.8 mm)
Lens: FE 50 mm F2.8 Macro	SEL50M28, integrated macro, for full-frame sensor, preferred lens

Zeutschel CAM	
Cameraback: Zeutschel 155 MP	Sensor: IMX411, 14304 x 10802 pixels 3.76 µm
Cameraback: Zeutschel 261 MP	Sensor: IMX811, 19680 x 13308 pixels 2.81 µm
Cameraback: PhaseOne iQ4 150	Sensor: 14204 x 10652 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	