



# Lizard **A1**

Professional A1 digitization system with variable V-shape glass plate, flexible camera and light control for preservation approved digitization.



Features

High-performance sensors

- Dual CMOS area sensor technology
- Electronic wear-free shutter
- 400 - 600 ppi
- 0.3 sec. scanning time (A1 color at 400 ppi)
- 3.5 sec. processing time (scanning + imaging + storage)
- USB 3.1 Gen.1 interface

Optics

- Schneider-Kreuznach precision lenses
- Depth of field 8 cm
- Brilliant color accuracy
- Optical book fold optimization
- Perfect linearity
- Distortion-free

Book cradle

- 110° opening angle
- Spine exemption up to 10 cm in width (optional 20 cm)
- Spine exemption up to 8 cm in depth
- Variable coating on requirement
- Preservation approved

V-shape glass plate

- Preserves originals
- Weight-neutral balanced
- Smooth-running
- Noiseless
- Easy to operate
- Lockable

LED lighting

- Dual lighting unit (individually or synchronously controllable)
- Stepless regulation of the light emission angle
- Fresnel lenses for homogeneous illumination
- Glare-free / no flash effects
- Adaptable to ambient light
- Light intensity <= 2,500 lux
- CRI > 95

Intuitive scanning software

- Live View Professional
- Finger removal & page separation
- Automatic cropping & alignment
- Job management, image editing and post-processing

Color management

Integrated true color management according to METAMORFOZE, FADGI, ISO/TS 19264:1 2017, ISO/TS 19264:1 2021, ICC standard regarding color quality, resolution, noise & linearity.

Options

Camera M150 | 102636

High-resolution 152-megapixel CMOS camera, for use in the fields of repro photography and digitization

book2net scanner table | 100005

Electrically height-adjustable worktable, 180 x 80 cm, cable duct, PC holder, 120 kg load capacity

Magnetic rulers 15 cm | 101378

Magnetic wooden rulers for aligning books (2 x magnetic holder 15 cm)

Magnetic rulers 30 cm | 101378

Magnetic wooden rulers for aligning books (2 x magnetic holder 30 cm)

ColorChecker Classic | 100292

For color calibration with 24 color patches

ColorChecker Digital SG | 100293

For color calibration with 140 color patches

Spectrally measured color target | 103099

Spectrally measured color target with 140 color patches including measured value table

# Lizard A1

## Technical Data

Sensor	Dual CMOS area sensor technology
Optics	Schneider-Kreuznach precision lens
Shutter	No shutter mechanism
Illumination	Cold light LED technology with integrated Light Control System (LCS)
Resolution	400 ppi / 600 ppi
Depth of field	8 cm
Scanning time	0.3 seconds (A1 color at 400 ppi)
Process time	3.5 seconds (scanning + imaging + storage)
Original size	up to DIN A1
Book opening angle	110°
Interface	USB 3.1 Gen. 1
Software	Easy Scan / bookScan intuitive software with advanced functions for job management, image editing and further processing
Color depth	48 bit color; 24 bit color, 16 bit gray, 8 bit gray; 1 bit b/w
File formats	TIFF, JPEG, JPEG 2000, PDF, PDF-A, multipage PDF and multipage TIFF
Output	sRGB, Adobe 1998 RGB, eciRGB V1/V2, ProPhoto and according to ICC standard
Dimensions	800 x 1200 x 1400 mm (w x d x h)
Weight	approx. 120 kg
Connection values	100 V – 240 V, 47 Hz – 63 Hz
Energy consumption	Standby 50 VA, in operation 100 VA
Safety standard	CE / EMV / CCC / SASO

Maintenance possible via remote service  
Subject to technical changes

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