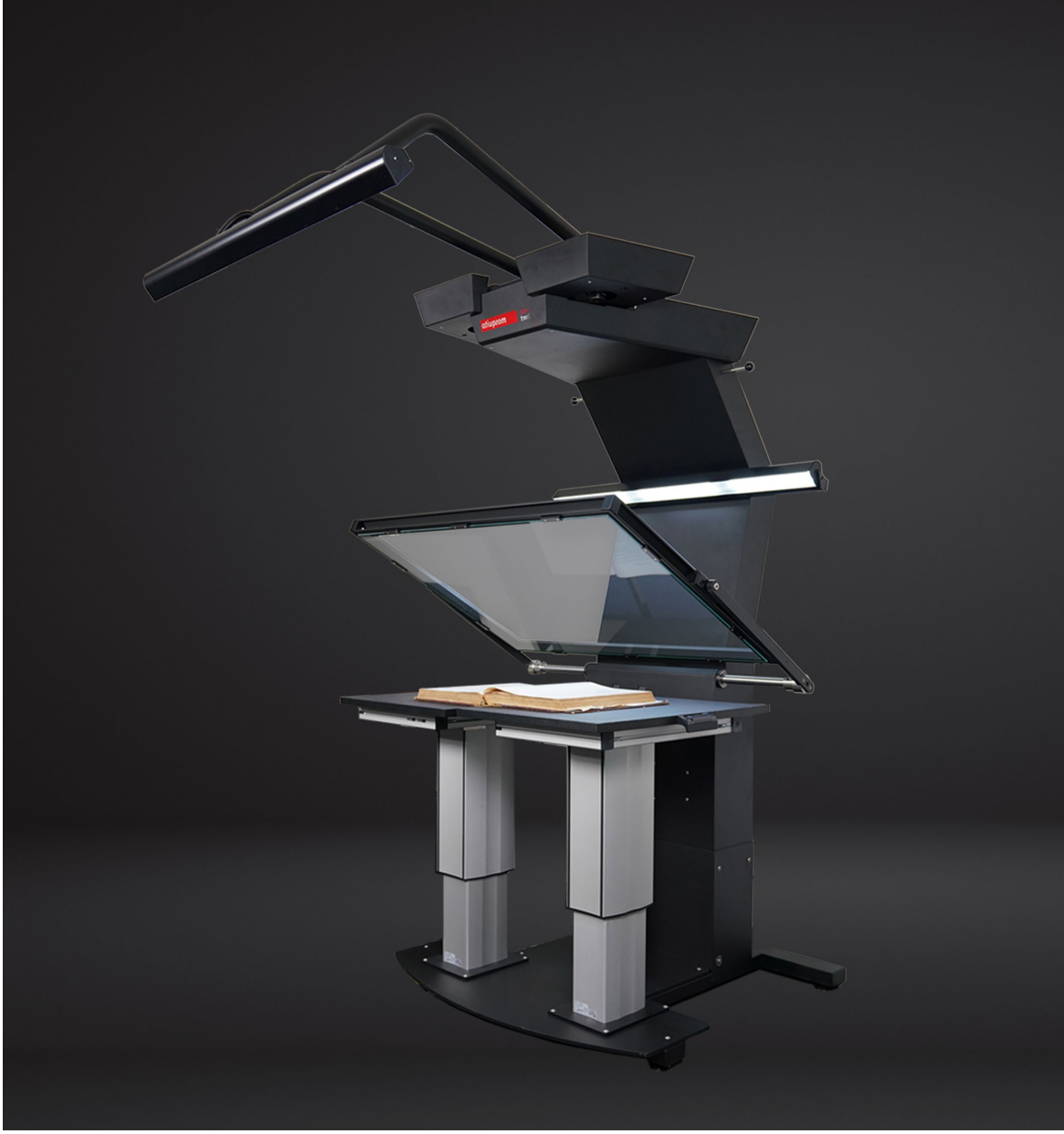
book 2net

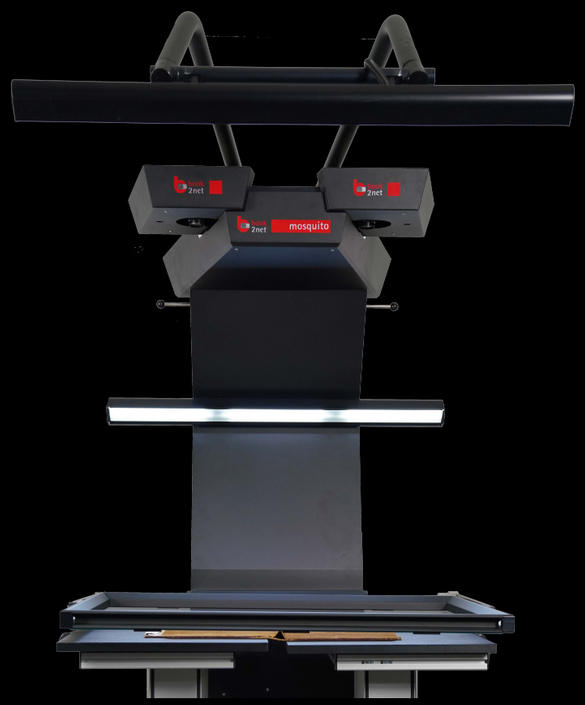


Mosquito **A1+**

The A1 double-head large-format scanner book2net Mosquito is specially designed for digitizing large-format, bulky or particularly heavy originals. Thanks to the parallel use of two camera systems, the Mosquito achieves unrivaled quality among A1 book scanners and guarantees consistently high-quality scanning results.

Quality made in Germany

Mosquito **A1+** | 101192



Features

High-performance sensors

- Dual CMOS area sensor technology
- Electronic wear-free shutter
- 300 - 600 ppi
- 0.3 sec. scanning time (A1 color at 300 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

- Motorized book cradle with automated height adjustment up to 25 cm
- Book spine exemption up to 25 cm
- Double profile lifting columns for precise height adjustment
- Load capacity up to 180 kg per column
- Preservation approved

LED lighting

- Dual lighting unit (can be controlled individually or synchronized)
- Fresnel lenses for homogeneous illumination
- Glare-free / no flash effects
- Stepless adjustment of the light emission angle
- Light intensity <= 2,500 lux
- CRI > 95

Additional lighting

- Dual LED light unit for shadow-free and reflection-free capturing
- Integrated dual control module for adjusting both light sources

Motorized glass plate

- Gentle on originals
- Self-opening & self-closing
- Format-optimized opening angle
- Process-controlled pressure
- Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control
- Non-reflective glass

Intuitive scanning software

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

Device control

- PLC control with high-precision linear drive (1/100 mm precision)
- Programmable scanning processes
- Book size dependent travel paths
- Adjustable opening angles
- Process-controlled pressure
- Sensitive, fully electronic pressure control
- Variable control:
  fully automatic / semi-automatic / manual / time-controlled / user-controlled

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

Foot switch | 100714

Trigger scan / control glass plate / move book cradle

ColorChecker Digital SG | 100293

For color calibration with 140 color patches

ColorChecker Digital SG spectrally measured | 103099

Spectrally measured ColorChecker SG with 140 color patches including measured value table for optimum color calibration results

Mosquito **A1+**

Technical Data

Sensor	CMOS high-performance area sensor
Optics	Schneider-Kreuznach precision lens
Shutter	No shutter mechanism
Illumination	Cold light LED technology with integrated Light Control System (LCS)
Resolution	300 ppi / 400 ppi / 600 ppi (optional)
Scanning time	0.3 seconds (A1 color at 300 ppi)
Process time	3.5 seconds (scanning + imaging + storage)
Original size	645 mm x 916 mm
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	1000 x 1070 x 2000 - 2100 mm (w x d x h)
Weight	approx. 125 kg
Connection values	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption	Standby 50 VA, operation 100 VA
Safety standard	CE / EMV / CCC / SASO

Maintenance possible via remote service
Subject to technical changes

BL02

MICROBOX GmbH
Hohe Straße 2
61231 Bad Nauheim
+49 (0) 6032 34 02 0
mail@book2net.net
www.book2net.net