Falcon **A2+**

The book2net Falcon is the small mobile partner of our V-shape scanner systems book2net Lizard and book2net Dragon and is used when stocks in A6 to A2+ format are to be digitized with a small opening angle.

Falcon **A2+** | 102467

Book cradle

- 110° opening angle standard
- Spine exemption up to 15 cm in width
- Layout section 2 x 420 mm x 300 mm
- Support surface material as required
- Preservation approved

V-shape glass plate

- Preserves originals
- Stroke and pressure force can be specifically adjusted
- Easy to operate
- Smooth-running
- Lockable
- Noiseless

LED lighting

- Fresnel lenses for homogeneous illumination
- Glare-free / no flash effects
- Stable color temperature
- Adaptable to ambient light
- Low energy consumption
- CRI > 95

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.

Features

High-performance sensors

- Dual CMOS area sensor technology
- Electronic wear-free shutter
- 300 - 600 ppi
- 0.3 sec. scanning time (A2 color at 300 ppi)
- 2.2 sec. processing time (scanning + imaging + storage)
- USB 3.1 Gen. 1 interface

Optics

- Schneider-Kreuznach precision lenses
- Depth of field 12 cm
- Brilliant color accuracy
- Optical book fold optimization
- Perfect linearity
- Distortion-free

Optionen

book2net scanner table | 100005

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

Foot switch | 100714

Trigger scan / control glass plate / move book cradle

ColorChecker Classic | 100292

For color calibration with 24 color patches

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.

Falcon **A2+**

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	300 ppi / 400 ppi / 600 ppi
Depth of field	12 cm
Scanning time	0.3 seconds (A2 color at 300 ppi)
Process time	2.2 seconds (scanning + imaging + storage)
Original size	2 x 420 mm x 300 mm
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	1000 x 760 x 900 mm (w x d x h)
Weight	approx. 42 kg
Connection values	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption	Standby 50 VA, in operation 100 VA
Noise level	Standby 34 dB(A), in operation 39 dB(A)
Safety standard	CE / EMV / CCC / SASO

Maintenance possible via remote service
Subject to technical changes

BL02

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