

Reprographic studio

Versatile & scalable



Reprographic Studio (A1/A2/A3)

The versatile solution to suit your requirements

Our modular reprographic studio is designed as a versatile high-performance scanning system which opens up an extraordinary range of possibilities. A wide variety of originals, formats and textures can be digitized in true color and distortion-free. The conservational, individually programmable lighting system also guarantees perfectly fitting lighting. The flexible system is the ideal solution for demanding digitization projects in the cultural heritage sector that have special requirements in terms of format, surface structure and lighting.

■ Versatile

Whether stamp or large format, whether coin or painting, seal letter or glass negative, loose, bound, flat, raised or corrugated originals, glossy or matt surfaces or a wide variety of material structures (transparent, metallic, wooden, textile, earthen, etc.), whether incident, transmitted light or sided light - this system meets all requirements.

■ Height-adjustable camera slider

The camera slider ensures an extremely high level of versatility and outstanding quality up to an optical resolution of 1200 ppi.

The different format positions can be easily adjusted. A unique feature is the option of loading the associated color profiles and matching parameters with just one click on the symbolic format markings in the intuitive scan software.

■ book2net HD cameras

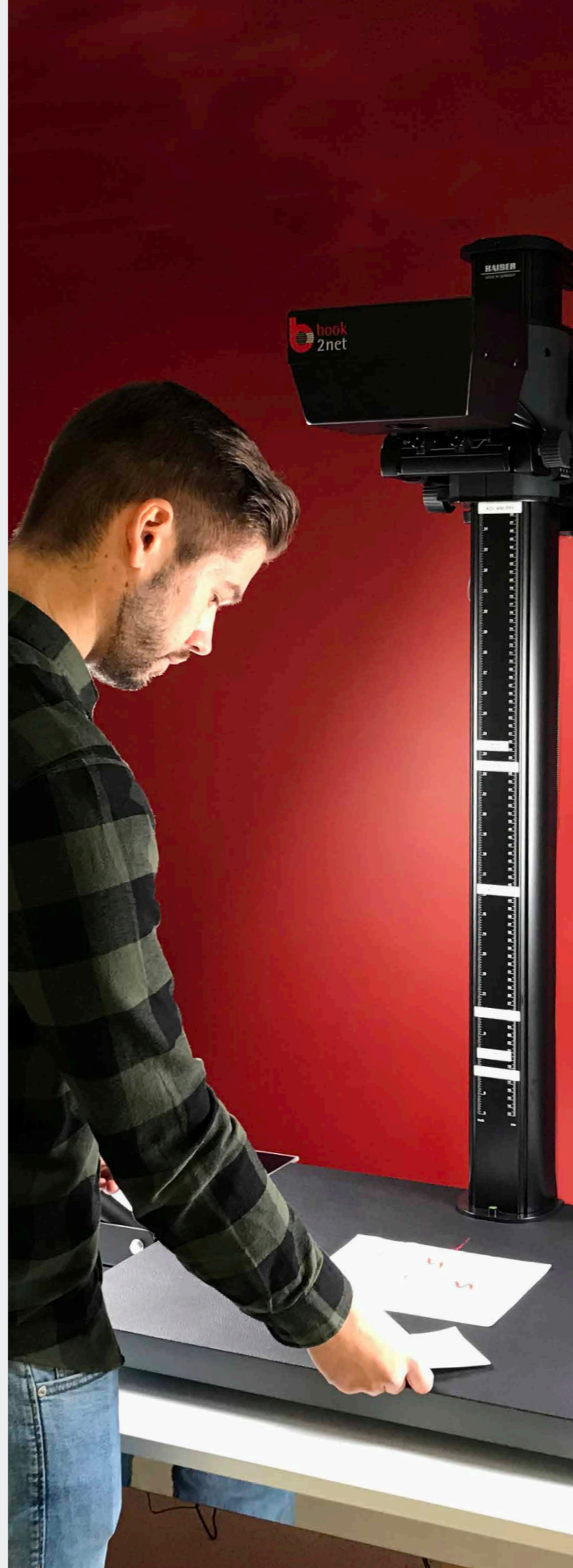
At the heart of book2net scanning technology are our M70 and M150 HD cameras, with which all book2net scanning systems are equipped according to requirements. They set new quality standards in the field of digitization and are characterized by top image quality, flexible handling and incredible scanning speed. Thanks to their electronic shutter, they are also durable and maintenance-free.

Our camera technology guarantees highly accurate images in consistent quality for archival materials and objects in a wide range of formats and structures, whether stapled or bound documents, photos, plans, glass negatives, documents with seals or coins.

■ LED illumination

LED daylight luminaire for soft and uniform illumination in the studio. With 504 high-CRI LEDs in an elegant, space-saving housing.

40 x 55 cm panel with diffuser disk including additional fabric diffuser for even softer illumination, which can be attached in front of the diffuser disk with spacers. Height adjustable stand for optimum adjustment of the illumination height.



■ Highlights

- M70/M150 camera with special lenses (45/50/60/80/90/100 mm)
- True Color management
- Motorized autofocus (optional)
- Motorized height-adjustable camera slide (optional)
- Book support or light table (optional)
- Format positions, color profiles and adjustment parameters at the touch of a button
- Scanning time 0.3 sec.
- Processing time ≤ 2.5 sec.
- Sharpness control with digital value display
- Gentle LED light concept with temperature control
- Variable light control (2/4/36 positions) and exposure control
- Synchronization of light intensity, exposure time and scanning process

■ Additional tools

- Light table
- Alignment add for slides/glass negatives
- Book support
- ...and many more tools

■ Scalable

Support tables and repro columns in DIN A1/A2/A3 formats make this system particularly easily scalable and a safe investment. Our modular concept and our extensive range of accessories enable expansion or modification at any time to suit your requirements.

■ Color management

As of the camera true to color: our unique True Color management. Beginning at the camera it is possible to generate scans true to sRGB, Adobe 1998 RGB, ECI RGB V1 and ECI RGB V2 and thereby produce scans according to digitization guidelines, specifications and standards effortlessly.

The result: METAMORFOZE, FADGI and ISO/TS 19264-1:2017 compliant scan results.

System specifications

Technical data

Sensor	High performance CMOS sensor
Optics	Schneider-Kreuznach precision lens
Shutter	No shutter mechanics
Illumination	2 x LED panel light
Resolution (camera-specific)	M150 / M70 / Sony Alpha / Fuji GFX
Depth of field	12 cm at A2
Scanning time	0.3 seconds
Processing time	2.2 seconds (scanning + imaging + storage)
Template size variants	A0+ / A1+ / A2+ / A3+
PC interface	USB 3.0
Software	Easy Scan / bookScan professional scan software with extended 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, PNG, PDF, PDF-A, multipage PDF and multipage TIFF, RAW
Output	sRGB, Adobe 1998 RGB, eciRGB V1/V2, ProPhoto and according to ICC standard
Connection values	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption	Standby: 69 W - 75 W / in operation: 69 W - 125 W
Safety standard	CE EMV

Maintenance possible via remote service.
Subject to technical modifications.



Systems in use

- Senckenberg Natural History Museum
- Mohammed Bin Raschid Library
- Irish Architectural Archive



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