book 2net

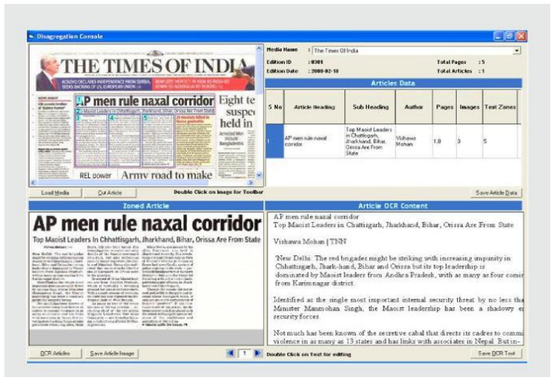
Easy Scan Professional

The intuitive graphical user-interface

... individually adaptable to your requirements!

Easy Scan is exceptionally intuitive and easy to use. The user interface can be customized according to your specific requirements just by enabling or disabling features. All configuration parameters are visible at a glance, without unnecessary branching into endless sub-menus. Finger removal, type-area and page recognition, automatic cutting and straightening and book-fold optimization are performed by *Easy Scan* in the range of milliseconds. *Easy Scan* **OCR** is accessible for more than 120 languages and allows the fast and easy generation of searchable or editable documents by pressing either in single-page mode or in job mode.

DIGIFLO
DIGITAL ARCHIVAL SOLUTIONS



The powerful software solution

Streamline your digitization project!

With **DIGIFLO** you will receive a multilingual software package for modeling, controlling and monitoring of complex production processes in the field of mass digitization. Furthermore DIGIFLO offers specially tailored solutions for the specific needs of the newspaper digitization in terms of workflow management, monitoring, image processing, metadata generation, indexing, clipping and OCR recognition. In compliance with industrial standards DIGIFLO is following a strict design- and process modeling to ensure maximum safety and error prevention.

Technical Data

Matrix Sensor Technology

Sensor:	High-performance area sensor
Optics:	Schneider precision lens
Shutter:	Durable electronic shutter
Lighting source:	Cold light LED-technology with integrated Light-Control-System (LCS)
Resolution:	300 / 400 dpi
Depth of field:	12 cm
Layout section:	610 mm x 916 mm
Scanning time:	0.3 sec. for A1 Color @ 300 dpi
Processing time:	2.2 sec. (scanning – imaging – storage)
PC-Interface:	USB 3.0
User software:	*Easy Scan Professional* Intuitive professional software with advanced functionalities for job management, imaging and post processing
Image formats:	Color, grayscale, b/w
Output formats:	TIFF, PDF, JPEG, JPEG 2000
Copyright:	Copyright waiver & water-mark (optional)
Dimensions:	99 x 99 x 210-235 cm (W x D x H)
Weight:	ca. 100 kg
Power supply:	100 V - 240 V, 47 Hz - 63 Hz
Power consumption:	standby 50 VA, average value 68 VA, peak value 100 VA
Noise emission:	ca. 44 dB(A)
Safety standard:	CE EMV

Maintenance via remote service available

Subject to change without notice

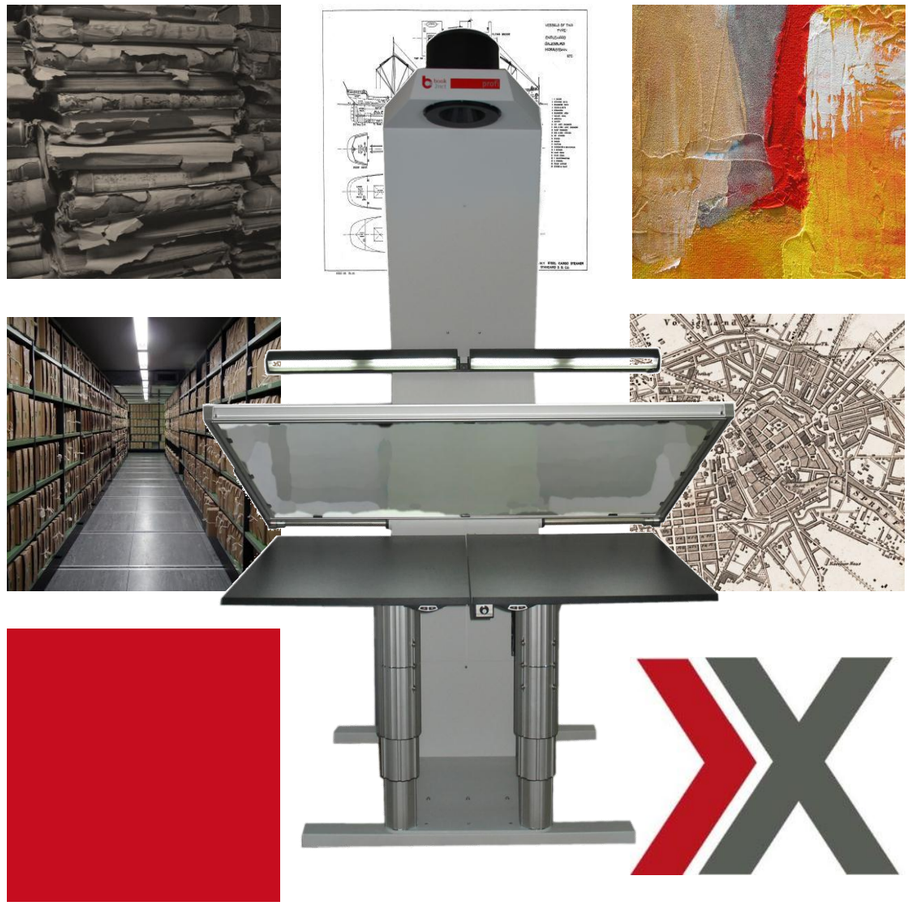
www.book2net.net

MICROBOX GmbH Hohe Straße 4-6 61231 Bad Nauheim Tel. +49 (0)6032 34 02 0 Fax +49 (0)6032 34 02 88

book 2net

flash[A1+]X

semi-robotic



X- PLORE YOUR VISION

flash [A1+] X semi-robotic

The professional solution for optimizing your digitization projects!

book 2net

Optics

- Schneider precision lens
- Long-term durability
- Depth of field 12 cm
- Optical book-fold optimization
- Brilliant color reproduction
- Perfect linearity
- Distortion-free

LED-Illumination

- Dual illumination unit
  - ➢ individually or synchronously controlled
- Cold-light LEDs
- Fresnel lenses
- Uniform illumination
- Stabile wave length
- Light intensity <= 2.500 Lux
- Lighting time <= 0.6 sec.
- > 3 years lifespan

Book cradle / Book table

Book cradle

- Motorized book cradle with balancing technology
- Height adjustment up to 25 cm (optional up to 40 cm)
- Spine exemption up to 25 cm
- Double Profile lifting column for precise height adjustment
- Load capacity up to 180 kg per column
- Preservation approved

Fixed book table

- Continuous supporting surface
- Special coating on requirement

Environment-friendly

- No UV / IR radiation
- No heat load
- Low noise emission
- Low-Energy-Control (LEC)
- Power consumption approx. 290 VA

Grüne Technologie

Color Management

Integrated **True Color Management** according to Metamorfoze, DFG, FADGI standards regarding color quality, resolution, noise, and linearity

X High-performance sensor

- Matrix-Sensor Technology
- Selectable options:
  - X 300 dpi
  - X 400 dpi
- 0.3 sec. Scanning time (A1 Color @ 300 dpi)
- 2.2 sec. Processing time (scanning –imaging – storage)
- USB 3.0 Interface
- Optimized for OCR-applications due to reduced noise

Motorized glass plate

- Preserves originals
- Self-opening & self-closing
- Size-dependent opening angle
- Process-controlled glass plate
  - Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control
- Non-reflecting glass (museum glass optional)

Semi-robotic

- PLC control
- Variable control
  - ➢ fully automatic
  - ➢ semi-automatic
  - ➢ manual
  - ➢ time controlled
  - ➢ action-controlled
  - ➢ user-controlled
- Programmable scanning processes
- Book size-dependent traverse paths
- Process-controlled pressure
- Sensitive, fully electronic pressure control

X Matrix Sensor Technology: gentle, productive, ergonomic

Digitization today is a fundamental contribution to the protection of our heritage. Therefore, we have been developing our scanning systems in close cooperation with selected customers from archives, libraries, universities and administration as well as with service providers in order to ensure an optimal balance between the demands of conservation and ecological and economic requirements. With our A1 large format scanner book2net flash we have developed a high-performance device specifically designed for the use in mass digitization projects with large-format, bulky or particularly serious originals such as newspaper volumes in order to ensure high productivity as well as a particularly gentle treatment of the originals.

Industrial precision components and standards are ensuring longevity as well as sustainability and allow a smooth, uniform guidance and adjustment of all movable elements. As a result the book cradle, glass plate and the conservational LED lighting system can be precisely adjusted to different formats and structures of the originals within seconds. Thus a streamlined workflow and a high user-friendliness are ensured. With a **scanning speed of 0.3 seconds** and a **processing time of 2.2 seconds (scanning - imaging - storage)** the **book2net flash semi-robotic** achieves an unrivaled productivity. The pioneering X **Matrix Sensor Technology** providing a **depth of field of 12 cm** guarantees a consistent high quality of the scanning results.

LED-Illumination unit
<= 2500 Lux
<= 0.6 sec.

Adjustable glass plate

Variable book cradle

Streamlining the entire workflow

- **0.3 sec. Scanning time**
- **2.2 sec. Processing time**
- **SSD**
- **USB 3.0 Interface**

A1 full-frame scans
Layout section 610 x 916 mm >A1