ultra [A2+]
HIGH-PERFORMANCE SCANNER

ultra [A2+]

Digitization for the highest requirements

LED-LIGHTING

- Cold light LEDs
- Fresnel lenses for homogeneous uniform illumination
- Eco function
- Low energy consumption
- Adaptable to ambient light
- Uniform light distribution
- Constant wavelength
- Illumination time 0.5 sec.
- Control of exposure intensity and time during the scanning process

FRESNEL LENSES

- Uniform, extensive illumination with a soft edge
- Stepless regulation of the Light emission angle

EXTERNAL PC

- Optionally book2net or customer PC
- Latest generation
- Integrated PC optional

SOFTWARE

Software and features:
- EasyScan Professional
- Live Video
- Job Mode
- Live Control Professional (optional)
- EasyScan OCR (optional)
- EasyScan Barcode (optional)
- EasyScan Delivery Service (optional)
- EasyScan Structure Client

The **book**2net **ultra** has established itself worldwide as the most successful product in the area of A2 + production scanners. Specifically developed for the service sector, the **book**2net **ultra** meets all the special requirements for high throughput, outstanding quality and extreme durability.

The **book**2net **ultra** combines impressive productivity and quality with high ease of use. Book cradle, glass pressure and the conservatory LED lighting system can be precisely adjusted to a wide variety of formats and template structures in a matter of seconds, which ensures a smooth workflow.

HIGH-PERFORMANCE SENSOR

- Matrix sensor technology
- Selectable variants. 400 dpi / 600 dpi
- 0.3 sec scan time
  (Double page A2 Color / 400 dpi)
- 2.2 sec. Process time
  (Scan - Transfer - Save)
- USB 3.0 interface
- Optimized for OCR applications through reduced signal noise

OPTICS

- Schneider precision lens
- Depth of field 12 cm
- Brilliant color accuracy
- Perfect linearity
- Distortion free
- Guaranteed longevity

LIVE CONTROL

- Geometric book analysis using area sensors
- Edge detection
- Page recognition
- Type area recognition
- Book fold optimization (BFO)
- Preservation approved
- Lean angle detection
- Automatic frame finding
- Scan proposal in real-time preview (video)

ELECTRO-MAGNETIC GLASS PRESSURE

- Gentle on the template
- Self opening
- Process-controlled pressure
- Travel paths depending on the book size (optional)
- Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control
- Non-reflective glass (museum glass optional)

BOOK CRADLE

- Self-adjusting
- 12/14 cm height adjustment
- 10 cm spine release
- Motorized locking
- Integrated automatic
- Pressure monitoring
- Conservationally checked

ECO-FRIENDLY

- No UV / IR radiation
- No heat load
- Lowest noise emission
- Low Energy Control (LEC)

TRUE-COLOR MANAGEMENT

Integrated True-Color management: METAMORFOZE, FADGI as well as ISO/TS 19264:1 2017 Standard concerning color quality, resolution, noise and linearity

TECHNICHAL DATA

✕ Matrix Sensor Technology

Sensor:	High-performance area sensors
Optics:	Schneider precision lense
Shutter:	No shutter mechanics
Illumination:	Coldlight LED-technology with integrated Light-Control-System (LCS)
Resolution:	400 dpi / 600 dpi
Depth of field:	12 cm
Scan time:	0.3 seconds for A2 color at 400 dpi
Process time:	2.2 sec. (scannen + transmitting + storaging)
Template size:	460 x 645 mm
PC interface:	USB 3.0
Software:	Intuitive professional software with advanced functionalities for job management, imaging and post 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, Wide Gammut, ProPhoto and according to ICC standard
Measurements:	680 x 940 x1215 mm (w x d x h)
Weight:	ca. 72 kg
Connection values:	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption:	Standby 50 VA, in operation 100 VA
Safety standard:	CE

Remote maintenance possible.
Technical changes reserved.