



GREY SCALE SCANNERS FOR BOUND PRECIOUS WORKS

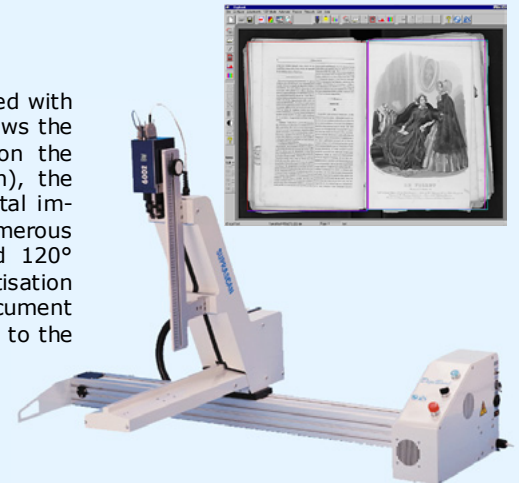
DigiBook 6002 BW & DigiBook 10000 BW

► Flexible scanners, high image quality and productivity

The DigiBook 6002 BW and DigiBook 10000 BW scanners digitise in grey scale and binary modes, documents, books and any type of bound works which can reach a maximum 2xA2 (A1 landscape) format. They provide high resolution and high quality images with optical resolutions ranging from 200 up to 800 dpi depending on the format and on the model. The DigiBook 6002 BW and DigiBook 10000 BW scanners feature outstanding productivity thanks to the bi-directional scanning and the time masking of image recording phase: the scanning time of a 2xA2 format, at 300 dpi, in grey scale

does not exceed 15 seconds.

The DigiBook scanners are delivered with a user-friendly interface which allows the camera settings (which depend on the format and the desired resolution), the image display control and the digital image archiving. In addition, numerous accessories like book cradles and 120° book holder may improve the digitisation quality while preserving the document and offering the maximum comfort to the operator.



► Benefits

Document preservation

- no glass, no contact with the book
- low lighting emission, no heat, no visual disturb for the operator
- manual or motorised book cradles (in option), without hydraulic system, no pressure
- 120° book holder (in option), ideal for fragile books

High digitisation quality

- high resolution line scan moving camera
- fine resolution setting thanks to the mechanical kit which allows the camera height adjustment
- moving lighting for a homogeneous light on the whole document surface
- real time lighting correction to process image non-uniformities
- lighting dedicated to bright/reflective documents and relief improvement (in option for the 6002 BW model)

High productivity

- only one lens setting per book, in the camera
- bi-directional scanning: no waste time due to arm repositioning
- image display during the digitisation phase
- image recording independent from the scanning operation
- great operator's comfort thanks to an office ergonomics



Book Cradle 12cm/15kg



120° Book Holder



Book Cradle 50cm/40kg



Book Restorer™ software

Flexible scanner range

- only one mechanical basis
- large choice of 6,000 and 10,200 pixel, monochrome and colour cameras
- removable scanner heads
- large range of accessories

BOOK RESTORER™ : optional digital image restoration software

- geometrical correction, crop, finger erasing
- automation of restoration processes, including immediate or batch mode
- ... and many other functionalities

www.i2S-bookscanner.com



GREY SCALE SCANNERS

DigiBook 6002 BW & DigiBook 10000 BW

SPECIFICATIONS

WORKS ACCEPTED

formats	> DIN A1 (2 x A2)
maximum dimensions	630 mm (h) x 840 mm (w)
standard thickness ¹	4 cm
maximum thickness ²	12, 30 or 50 cm
maximum weight ²	15, 30 or 40 kg

DIGITISATION

Model	DigiBook 6002 BW	DigiBook 10000 BW
CCD	6,000 pixels monochrome	10,200 pixels monochrome
optical resolutions	↗ 2 x A2 200 to 250 dpi ↗ 2 x A3 200 to 300 dpi ↗ 2 x A4 200 to 400 dpi ↗ 2 x A5 200 to 600 dpi	200 to 400 dpi 200 to 600 dpi 200 to 800 dpi 200 to 800 dpi
modes	monochrome 14-bit digitisation / 8-bit output (256 grey levels) & binary 1-bit	
resolution setting	the mechanical kit allows camera height adjustment	
lighting	high-frequency fluorescent lamps, standard or adapted to bright/reflective documents or relief improvement (in option for the 6002 BW model)	
lighting correction	in real time	
lens	60 mm fixed focal length, manual iris and focus	

SCANNING TIME

based on PC Pentium IV-2.8 GHz (July 2004)

Format	Resolution	Image size for 1 page	DigiBook 6002 BW	DigiBook 10000 BW
			Scanning time ³ (S)	Scanning time ³ (S)
2xA5	200 dpi	2 MB	2.4 sec	4.3 sec
2xA5	400 dpi	7.5 MB	4.0 sec	8.0 sec
2xA5	600 dpi	17 MB	5.9 sec	12 sec
2xA4	200 dpi	3.8 MB	3.0 sec	5.5 sec
2xA4	300 dpi	8.4 MB	4.1 sec	8 sec
2xA4	400 dpi	15 MB	5.3 sec	11 sec
2xA4	600 dpi	34 MB	-	16 sec
2xA4	800 dpi	60 MB	-	21 sec
2xA3	200 dpi	7.5 MB	3.9 sec	7.4 sec
2xA3	300 dpi	17 MB	5.5 sec	11 sec
2xA3	600 dpi	68 MB	-	22 sec
2xA2	250 dpi	24 MB	6.2 sec	-
2xA2	300 dpi	34 MB	-	14.7 sec
2xA2	400 dpi	60 MB	-	20 sec

⁽¹⁾ without book cradle option

⁽²⁾ with book cradle option

⁽³⁾ the scanning time is measured from the operator's order until the end of image display

IMAGES

min. screen resolution	1280 (w) x 1024 (v) pixels
display type	interpolated
zoom factor	1/2, 1, 2 and 4
enhancements	<ul style="list-style-type: none"> • manual deskew • sharpen filter
storage	fast transfer connection to the local hard disk or to the network
storage formats	<ul style="list-style-type: none"> • JPEG with adjustable compression rate, uncompressed TIFF, TIFF LZW, PNG • TIFF G4 for binary images

PHYSICAL CHARACTERISTICS

dimensions	1700 mm (W) x 1000 mm (D) x 830 mm (H) (excluding PC)
total weight	85 kg (without PC nor monitor)
electrical power	220V - 50 Hz, 110V - 60 Hz, 300 VA max
certifications	CE / FCC part 15 CONFORMITY Low voltage electrical safety EN60950 RADIOELECTRICAL DISTURBANCES EN55022, EN61000-3-2, EN61000-3-3 ELECTROMAGNETIC IMMUNITY EN55024

CALCULATE YOUR PRODUCTIVITY

Since the new software release (version V5.3 and higher) the productivity of DigiBook scanners is directly depending on the scanning time³ (S) and on the necessary time to turn the page (T). You may calculate your own productivity using the following formula:

$$P = 2 \times 3600 / (S + T)$$

with P: productivity, in pages/hour

with S: scanning time, in second (see the chart besides)

with T: evaluated time to turn the page, in second

OPTIONS

- Book cradles
 - BOOK CRADLE12, 30 or 50 cm
- 120° book holder with/without glass plate
 - 120DEG & 120DEG-PLATE
- Lighting tables
 - LIGHT TABLE 4043 or 4380
- Removable glass
 - GLASS-OPTION
- Image restoration software
 - BOOK RESTORER™, PAGE RESTORER

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