

COLOUR SCANNERS FOR BOUND PRECIOUS WORKS

DigiBook 6002 RGB & DigiBook 10000 RGB

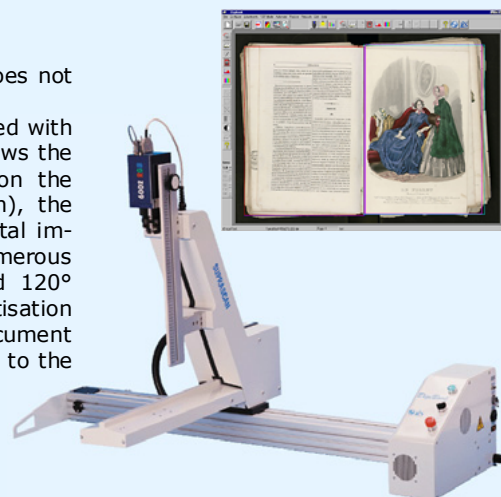
► Flexible scanners, high image quality and productivity

The DigiBook 6002 RGB and DigiBook 10000 RGB scanners digitise in colour, grey scale or 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 RGB and DigiBook 10000 RGB scanners feature outstanding productivity thanks to the bi-directional scanning and the time masking of image recording phase: the scanning time of a

2xA2 colour format, at 300 dpi, does not exceed 24 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 RGB 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



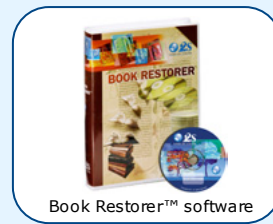
Book Cradle 12cm/15kg



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

COLOUR SCANNERS

DigiBook 6002 RGB & DigiBook 10000 RGB

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 RGB	DigiBook 10000 RGB
CCD	6,000 pixels colour RGB	10,200 pixels colour RGB
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	42-bit digitisation / 24-bit output (16 millions of colours) binary & monochrome 8-bit (256 grey levels)	
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 RGB 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	Colour image size for 1 page	DigiBook 6002 RGB	DigiBook 10000 RGB
			Scanning time ³ (S)	Scanning time ³ (S)
2xA5	200 dpi	5.6 MB	4.1 sec	6.7 sec
2xA5	400 dpi	23 MB	7.6 sec	13 sec
2xA5	600 dpi	51 MB	12 sec	20 sec
2xA4	200 dpi	12 MB	5.2 sec	8.6 sec
2xA4	300 dpi	26 MB	7.6 sec	12.8 sec
2xA4	400 dpi	45 MB	10 sec	17 sec
2xA4	600 dpi	101 MB	-	26 sec
2xA4	800 dpi	179 MB	-	34 sec
2xA3	200 dpi	23 MB	7 sec	12 sec
2xA3	300 dpi	51 MB	11 sec	18 sec
2xA3	600 dpi	202 MB	-	35 sec
2xA2	250 dpi	70 MB	12 sec	-
2xA2	300 dpi	101 MB	-	23.7 sec
2xA2	400 dpi	179 MB	-	32 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 • white balance
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)

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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