

digibook.

INNOVATIVE IMAGING SOLUTIONS

COLOUR SCANNERS FOR BOUND PRECIOUS WORKS

DigiBook 6002 RGB, DigiBook 8002 RGB & DigiBook 10000 RGB

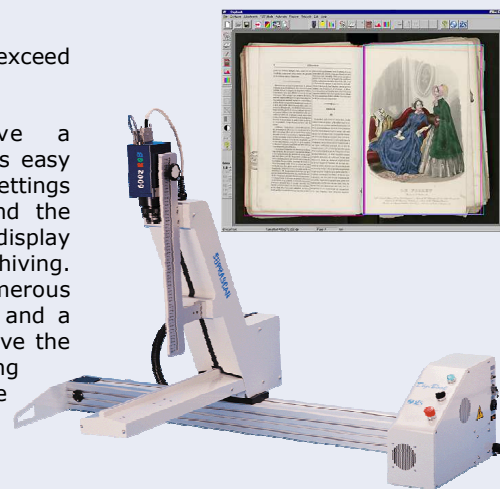
► Flexible scanners, high image quality and productivity

The DigiBook 6002 RGB, DigiBook 8002 RGB and DigiBook 10000 RGB scanners digitise documents, books and any type of bound works up to a maximum of 2xA2 (A1 landscape) format in colour, grey scale or binary modes. They provide high resolution and high quality images with optical resolutions ranging from 200 dpi up to 800 dpi depending on the format and on the model.

The DigiBook 6002 RGB, DigiBook 8002 RGB and DigiBook 10000 RGB scanners feature outstanding productivity due to the bi-directional scanning and the time masking of the image recording phase: the maximum scanning time of a 2xA2

colour format, at 300 dpi, will not exceed 19 seconds.

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



► Benefits

Document preservation

- no glass therefore no contact with the book
- low lighting emission with no heat and no visual disturbance to the operator
- manual or motorised book cradles (optional), without hydraulic system so no pressure on book
- 120° book holder (optional), ideal for fragile books

High digitisation quality

- high resolution line scan moving camera
- fine resolution setting due to the mechanical kit for camera height adjustment
- moving lights 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

High productivity

- only one camera lens setting per book
- bi-directional scanning: no time wasted due to arm repositioning
- image display during the digitisation phase
- image recording independent from the scanning operation
- operator comfort due to ergonomic design



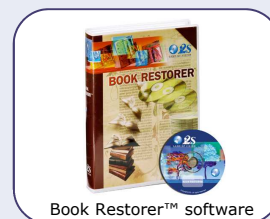
Book Cradle 20cm/25kg



120° Book Holder



Book Cradle 50cm/40kg



Book Restorer™ software

Flexible scanner range

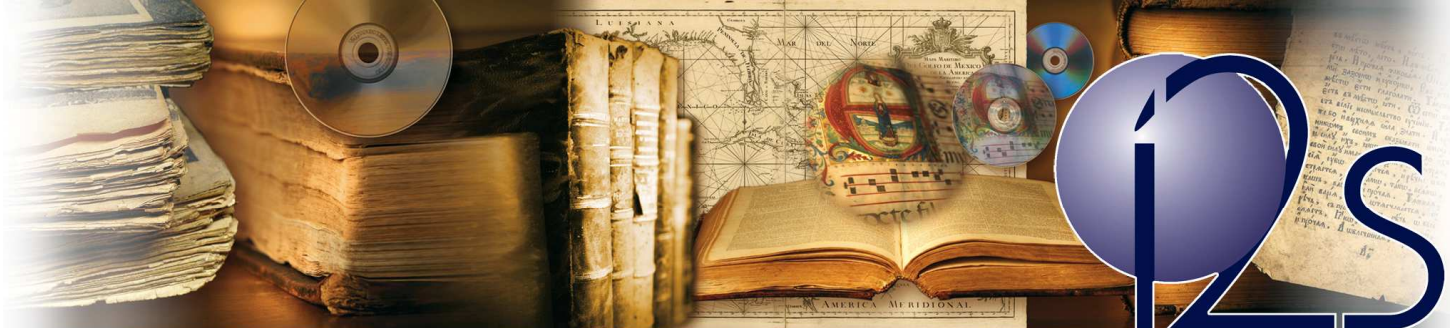
- only one mechanical platform
- choice of 6,000, 8,000 and 10,200 pixel, monochrome and colour cameras
- removable scanner heads
- large range of optional accessories

BOOK RESTORER™: optional digital image restoration software

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

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DigiBook 6002 **RGB**, DigiBook 8002 **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	20, 30 or 50 cm
maximum weight ²	25, 30 or 40 kg

▼ DIGITISATION

Model	DigiBook 6002 RGB	DigiBook 8002 RGB	DigiBook 10000 RGB
CCD	6,000 pixels colour RGB	8,000 pixels colour RGB	10,200 pixels colour RGB
optical resolutions ↗ 2 x A2 ↗ 2 x A3 ↗ 2 x A4 ↗ 2 x A5	200 to 250 dpi 200 to 300 dpi 200 to 400 dpi 200 to 600 dpi	300 dpi 300 to 400 dpi 300 to 600 dpi 300 to 800 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, computer aided		
lighting	high-frequency fluorescent lamps adapted to bright/reflective documents or relief improvement		
lighting correction	in real time		
drivers	- TWAIN - API		
lens	60 mm fixed focal length, manual iris and focus		

▼ SCANNING TIME

based on PC Pentium IV-2.8 GHz

Format	Resolution	Colour image size for 1 page	DigiBook 6002 RGB	DigiBook 8002 RGB	DigiBook 10000 RGB
			Scanning time ³ (S)	Scanning time ³ (S)	Scanning time ³ (S)
2xA5	300 dpi	1.3 MB	6 sec	7.5 sec	10 sec
2xA5	600 dpi	51 MB	12 sec	15 sec	20 sec
2xA4	300 dpi	26 MB	7.6 sec	10 sec	13 sec
2xA4	400 dpi	45 MB	10 sec	13 sec	17 sec
2xA4	600 dpi	101 MB	-	20 sec	26 sec
2xA3	200 dpi	23 MB	7 sec	-	12 sec
2xA3	300 dpi	51 MB	11 sec	14 sec	18 sec
2xA3	600 dpi	202 MB	-	-	35 sec
2xA2	250 dpi	70 MB	12 sec	-	-
2xA2	300 dpi	101 MB	-	18.5 sec	24 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 data transfer 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 dependent upon the scanning time³ (S) and the time 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 seconds (see the chart)

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

▼ OPTIONS

- Book cradles
 - BOOK CRADLE20, 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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