

# DigiBook SupraScan A1

6002, 8000 & 10000

Scanners for Bound Precious Works



The DigiBook SupraScan scanners perform color, grayscale and binary mode digitization of documents, books and any type of bound works up to the D sized format. These scanners provide high resolution images ranging from 200 to 800 ppi, depending upon the format and the model.

Features such as bi-directional scanning and multi-tasking of the image recording phase make the DigiBook SupraScan 6002, 8002 and 10000 scanners remarkably productive. The scanning time of a B sized document in full color at 200 ppi is as fast as 5.2 seconds!

The user-friendly interface allows for easy camera setting (based upon the format and desired resolution), image display control, and digital image archiving.

In addition, various accessories are available such as light tables or 120° book holders. These may be used in order to improve digitization quality while preserving the document, and also to offer maximum comfort to the scanner operator.



## Features

### Benefits

- Document Preservation
- No glass (no contact with the book)
- Low lighting emission (no heat, no visual disturbance for the operator)
- Optional manual or motorized book cradles (no hydraulic system, no pressure)
- Optional 120° book holder (ideal for fragile books)

### High digitization quality

- High resolution line scan moving camera
- Fine resolution setting (due to the mechanical kit allowing for camera height adjustment)
- Mobile lighting for homogeneous illumination upon the entire document surface
- Real time light correction for image non-uniformities
- Optional lighting dedicated to bright/reflective documents and relief improvement

### High Productivity

- Only one camera lens setting per book
- Bi-directional scanning (no time wasted on arm repositioning)
- Real time image display during digitization
- Image recording is independent from scanning operation
- Ergonomic design provides maximum comfort for the operator

### Flexible scanner range

- Only one mechanical basis
- 6000, 8000 and 10200 pixel, grayscale cameras
- 10200 color cameras
- Removable scanner heads
- Large range of accessories

### Book Restorer™ (optional digital image restoration software)

- Geometric correction, crop, finger erasing
- Automation of restoration processes including immediate or batch mode

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Scanning Times (*Benchmark times not available at time of printing. Specific sample scans can be provided upon request)					
FORMAT	RESOLUTION	IMAGE SIZE FOR 1 PAGE IN COLOR	IMAGE SIZE FOR 1 PAGE IN GRAYSCALE	6002 BW	10000 RGB
A	200 ppi	5.6 MB	2 MB	2.4 sec	6.7 sec
A	400 ppi	23 MB	7.5 MB	4.0 sec	13 sec
A	600 ppi	51 MB	17 MB	5.9 sec	20 sec
B	200 ppi	12 MB	3.8 MB	3.0 sec	8.6 sec
B	400 ppi	45 MB	15 MB	5.3 sec	17 sec
B	600 ppi	101 MB	34 MB	*	26 sec
B	800 ppi	179 MB	60 MB	*	34 sec
C	200 ppi	23 MB	7.5 MB	3.9 sec	12 sec
C	300 ppi	51 MB	17 MB	5.5 sec	18 sec
C	600 ppi	202 MB	68 MB	*	35 sec
D	250 ppi	70 MB	24 MB	6.2 sec	*
D	400 ppi	179 MB	60 MB	*	32 sec

Digitization			
SCANNER MODEL	6002 BW 6k linear array		10000 RGB 10k tri-linear array
CAMERA (CCD)	6002 pixels BW		
OPTICAL RESOLUTIONS	D C B A	200-250ppi 200-300ppi 200-400ppi 200-600ppi	200-400ppi 200-600ppi 200-800ppi 200-800ppi
COLOR MODE	42-bit digitization 24-bit output (16 million colors)		
GRAY LEVEL MODE	12-bit digitization 8-bit (256 gray levels)		
BINARY MODE	1-bit (black & white)		
FILE FORMATS	JPEG with adjustable compression rate TIFF uncompressed, TIFF LZW PNG with adjustable compression rate TIFF Group IV for binary images		
RESOLUTION SETTINGS	User adjustable for true optical resolutions		
LIGHTING	Long life focused LED lighting system		
LIGHTING CORRECTION	in real time		
LENS	High quality 60 mm Rodenstock lens		

Physical Characteristics	
DIMENSIONS	5.6 ft (w) x 3.3 ft (d) x 2.7 ft (h) (excluding pc)
TOTAL WEIGHT	187 lbs , excluding pc
ELECTRICAL POWER	110v - 60 hz, 220v - 50 hz 300 va max
CERTIFICATIONS	ce / fcc part 15 conformity low voltage electrical safety en60950 radio electrical disturbances en55022, en61000-3-2, en61000-3-3 electromagnetic immunity en55024

Sizes Handled	
TYPE	maps, magazines, newspapers, books and any type of bound works
FORMATS	din A1 & ANSI D or smaller
MAXIMUM DIMENSIONS	24 3/4 in x 36 1/4 in
STANDARD THICKNESS	1 1/2 inches

## Options

### Back Lighting Tables

Back lighting tables are essential accessories for digitizing transparencies.

### Removable Glass

Essential when digitizing inserts and small thick rigid books. Ideal for minimizing physical contact by the operator. Available in ANSI C and D sizes. Usable with 20, 30 or 50 cm cradles.

### Book Cradles

The system's table top may be substituted with the book cradle option (shown on the right). Available in various sizes, the book cradle option allows books to be placed within the system without adding stress to the binding. (available in 20cm, 30cm, and 50cm).

Additional accessories are available.