



Quartz A1 & A1 HD

*Unequaled image quality,
Twice as fast*



Digibook

Heritage digitization



Quartz A1 & A1 HD

Scanners with line sensors

Versatile Lighting system

Reflection management

✓ *Best solution for gold & books illuminations*

Glare free system

✓ *Digitize highly reflective documents*

Light intensity and left/right adjustments

✓ *Enhancement of relief on documents or objects*

Color rendering index >90

✓ *Excellent colour reproduction*

Professional UV/IR free system

✓ *No damage to documents*



Glare control system



Relief enhancement



3D Technology

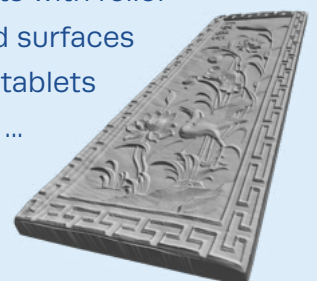


Documents with relief

Embossed surfaces

Engraved tablets

Paintings, ...



The highest level *of image quality*

Tri-linear RGB sensor

✓ *No moiré pattern*

Camera remains perpendicular to the document center

✓ *No distortions*

MTF at 600 dpi : >90% resolution efficiency
(>10,6lp/mm)

✓ *For the largest documents (A1)*

MTF at 1000 dpi : >90% resolution efficiency
(>18lp/mm)

✓ *For the smallest documents*



Quartz A1 HD is compliant with
**ISO 19264-1/A, Metamorfoze
Full and FADGI 4*** standards.



Scan Format

Quartz A1: up to 1030 x 643 (mm) / (40.5" x 25.3")

Quartz A1 HD: up to 1030 x 618 (mm) / (40.5" x 24.3")

High level of *productivity and ergonomics*

Scan time for A1 & A1 HD: 6s at 300 dpi

Scan time for A1 HD: 12s at 600 dpi

✓ *Cycle time divided by two on HD models*

USB 3.0 output

✓ *Large choice of PC*

No mechanical camera shutter

✓ *Less spare parts, more reliable scanners*

Complete and optimized Book cradle

Book thickness: up to **25 cm or 40 cm**

✓ *Several options to accommodate different collection types*

Pressure sensor and Roberval balance system

✓ *Protection of your delicate materials*

Automatic and removable glass plate

✓ *Combination of high productivity and ergonomics*

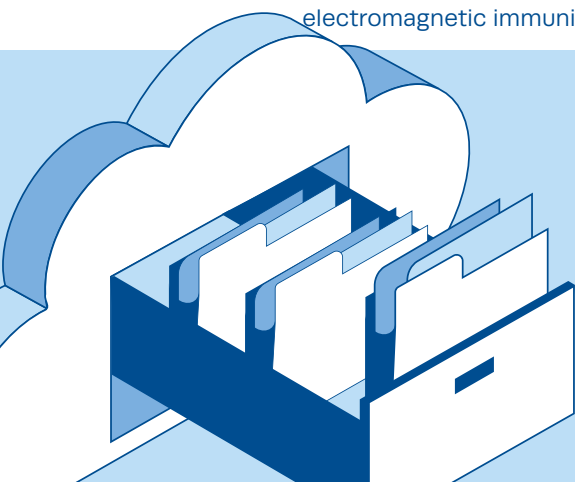
Accessory : **V-Book holder** 2xA2 and 2xA1

✓ *Digitization at a restricted angle*

Quartz A1 & A1 HD

Technical specifications

TYPE	A1+format planetary book scanner	
CAMERA	Tri-linear sensor Automatic Focus (HD Model)	
OPTICAL RESOLUTION	400 x 400 dpi on A1 format / 600 x 600 dpi on A1 format (HD Model) up to 1000 x 1000 dpi on smaller formats (standard & HD Models)	
SCAN TIME	6 sec at 300 dpi 8 sec at 400 dpi	6 sec at 300 dpi – HD Model 8 sec at 400 dpi – HD Model 12 sec at 600 dpi – HD Model
FILE FORMATS	TIFF (multipages), JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG	
INTERFACE SOFTWARE	Limb Capture operated by Windows 10, 11	
BOOK CRADLE	Motorized book cradle 25 cm or book cradle 40 cm Scanning area: – Quartz A1: up to 1030 x 643 (mm) / 40.5" x 25.3" (open book) – Quartz A1 HD: up to 1030 x 618 (mm) / 40.5" x 24.3" (open book) Document thickness: up to 25cm / 9.84" // up to 40 cm / 15.75" Document weight: up to 25kg / 55.12 lb // up to 40 kg / 88.18 lb	
DIMENSIONS (L X I X h)	Scanner with BC : 1990 mm (78.3") x 1620 mm (63.7") x 1840 mm (72")	
WEIGHT	Scanner (with BC25): 310 kg (683.4 lbs)/ Scanner (with BC40): 335kg (738.5 lbs)	
POWER REQUIREMENTS	100V – 240V AC, 50/60 Hz / 500 VA max	
WARRANTY	1 year on spare parts and software updates (extension available).	
CERTIFICATIONS	CE/FCC part 15 conformity, Low voltage electrical safety EN 62368-1 radioelectrical disturbances EN55022, EN61000-3-2, EN61000-3-3 electromagnetic immunity EN 55024	



The scanner is compatible with all digisolution software



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