Quartz
A0 & A0 HD

Unequalled image quality,
Twice as fast

Digibook

Heritage digitization

Quartz
A0 & A0 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 **400 dpi : >90%** resolution efficiency **(>7lp/mm)**

✓ *For the largest documents (A0)*

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

✓ *For the smallest documents*

Quartz A0 HD is compliant with **ISO 19264–1/A, Metamorfoze Full** and **FADGI 4*** standards.

Scan
Format

Quartz A0: up to 1300 x 919 (mm) / (51.2″ x 36.2″)

Quartz A0 HD: up to 1300 x 927 (mm) / (51.2″ x 36.4″)

High level of
productivity and ergonomics

Scan time for A0 & A0 HD: **8.5s** at 300 dpi
Scan time for A0 HD: **17s** 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 **40 cm**

Pressure sensor and **Roberval balance system**

✓ *Protection of your delicate materials*

1 or 2 steps to **drive glass up/down**

✓ *Adjust speed and level for fragile or flat documents*

Automatic and **removable glass plate**
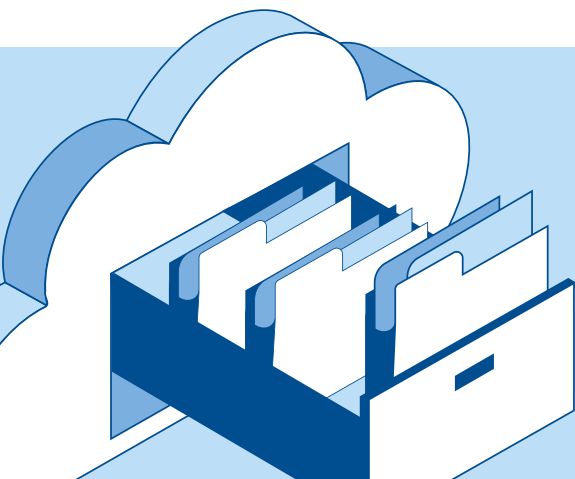
✓ *Combination of high productivity and ergonomics*

Accessory : **V–Book holder** 2xA1

✓ *Digitization at a restricted angle*

Quartz
A0 & A0 HD

Technical specifications

TYPE	A0+format planetary book scanner
CAMERA	Tri-linear sensor Automatic Focus (HD Model)
OPTICAL RESOLUTION	300 x 300 dpi on A0 format / 600 x 600 dpi on A0 format (HD Model) up to 1000 x 1000 dpi on smallers formats (standard & HD Models)

SCAN TIME	8.5 sec at 300 dpi 8.5 sec at 300 dpi – HD Model
	                         12 sec at 400 dpi – HD Model
	                         17 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 40 cm Scanning area (with glass): up to 1250 x 850 mm / 49.2" x 33.5" (open book) Document thickness: up to 40cm / 15.7" Document weight: up to 40 kg / 88 lb
DIMENSIONS (L X l X h)	Scanner with BC : 2530 mm (99.6") x 1710 mm (67.3") x 2350 mm (92.5")
WEIGHT	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

digisolution
From photon to cloud

The scanner is compatible with all digisolution software

About Digibook

Digibook

50 international *partners*

5000 scanners *sold worldwide*

+ 10 millions *scanned pages per year*