



# Quartz A0 & A0 HD

*Unequaled 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

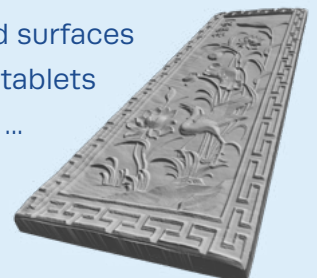


Documents with relief

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*

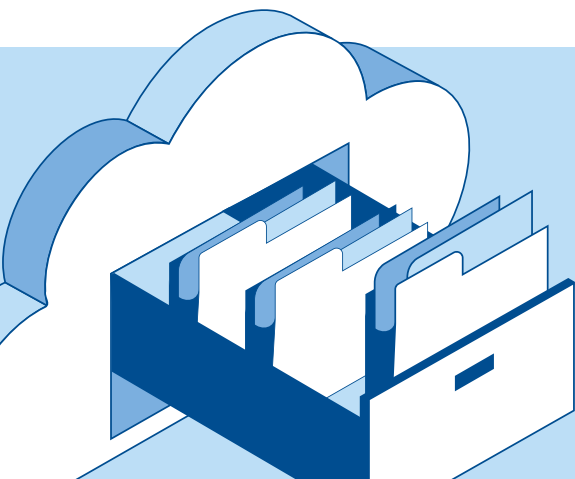
Accessory : **V-Book holder 2x1**

✓ *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 smaller 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 I 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	



The scanner is compatible with all digisolution software



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