

NEW

QUARTZ A0/ A0HD

*Unequalled image quality,
Twice as fast*



EXCELLENCE AT YOUR FINGERTIPS

i2S
be visionary

QUARTZ A0 & A0HD

The combination of image quality and speed

SCANNERS WITH LINE SENSORS

VERSATILE LED 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



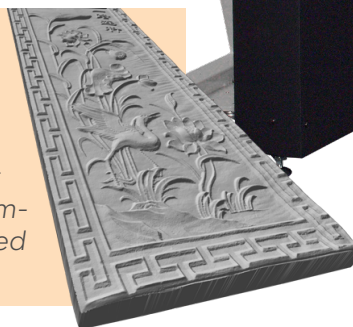
GLARE CONTROL SYSTEM

RELIEF ENHANCEMENT



SCAN TECHNOLOGY INSIDE

Best 3D imaging solution for documents with relief and embossed surfaces like engraved tablets, paintings, ...



TWO SCANNERS

LARGE 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")

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)

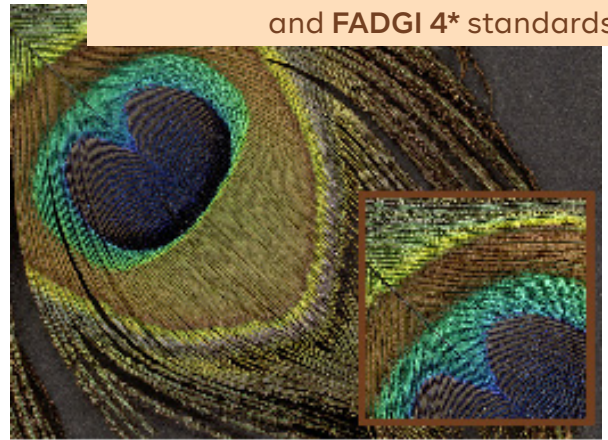
→ For the largest documents (A0)

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.



HIGH LEVEL OF PRODUCTIVITY AND ERGONOMICS

Scan time for standard and HD models: 8.5s at 300 dpi

Scan time for HD model (A0 HD): 17s at 600 dpi

→ Cycle time divided by two on HD models

New 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

→ Several options to accommodate different collection types

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

TECHNICAL SPECIFICATIONS

QUARTZ A0 & A0 HD



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	<ul style="list-style-type: none">• 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 (multipage), JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG
Interface software	Limb Capture operated by Windows 10/11 64 bits
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, 50Hz 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



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*Both scanners are compatible
with all digisolution software*

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worldwide



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pages per year

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