NEW

QUARTZ A1/ A1HD

*Unequalled image quality,
Twice as fast*

EXCELLENCE AT YOUR FINGERTIPS

QUARTZ A1 & A1 HD

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*

3D SCAN TECHNOLOGY INSIDE

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

TWO SCANNERS
LARGE 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")

THE HIGHEST LEVEL OF
IMAGE QUALITY

Tri-linear RGB sensor

→ **No moiré pattern**

Camera remains perpendicular to the document center

→ **No distortions**

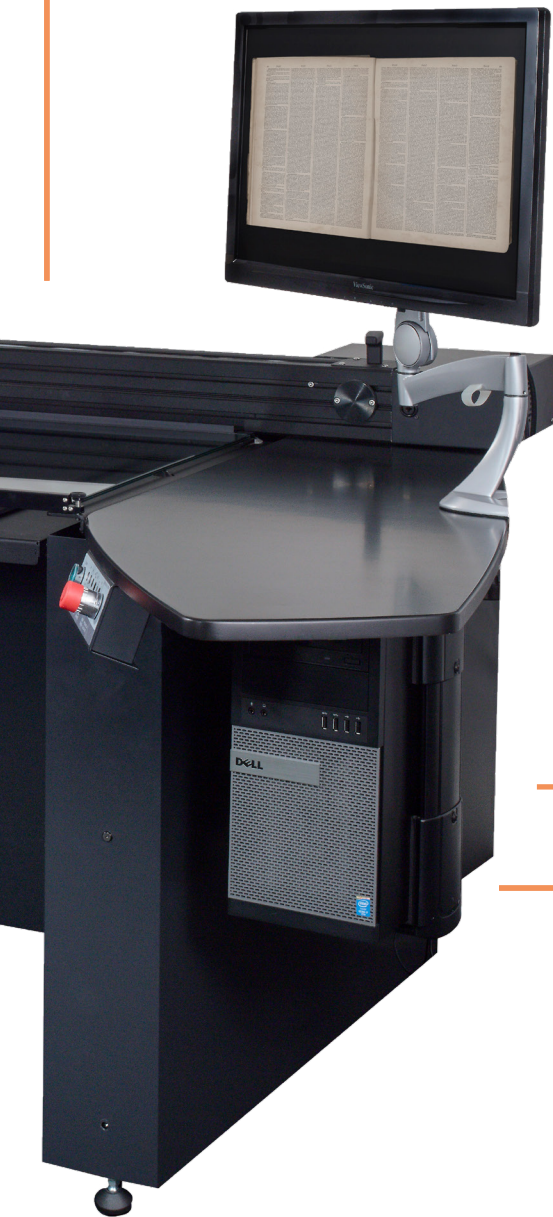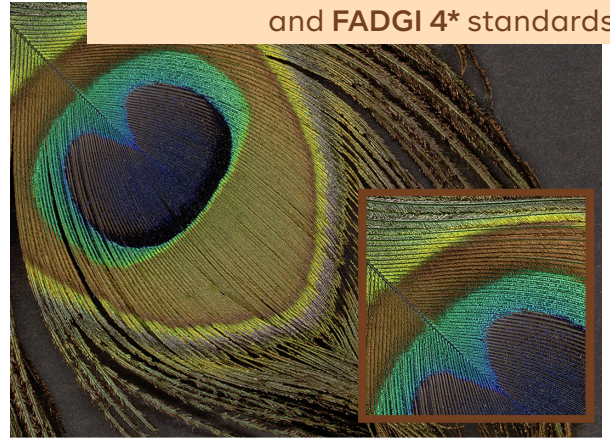MTF at **600 dpi**: **>90%** resolution efficiency (>**10,6lp/mm**))

→ **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.

HIGH LEVEL OF
PRODUCTIVITY AND ERGONOMICS

Scan time for standard and HD models: **6s at 300 dpi**

Scan time for HD model (A1 HD): **12s 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 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**

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 smallers formats (standard & HD Models)
Scan time	• 6 sec at 300 dpi • 6 sec at 300 dpi - HD Model • 8 sec at 400 dpi • 8 sec at 400 dpi - HD Model • 12 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
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 l 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, 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

digisolution
From photon to cloud

Both scanners are compatible with all digisolution software

ABOUT DIGIBOOK

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sold worldwide

+ 10 millions scanned pages per year

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