



Technical Specifications

Quartz A0 & A0 HD

	Quartz A0	Quartz A0 HD
Scanner Type	Planetary scanner	
Camera Head Type	Tri-linear CCD sensor Lens Rodagon Motorized and automatic focus	
Resolution	300 x 300 dpi optical on A0	600 x 600 dpi optical on A0
	Up to 800 x 800 dpi optical on smaller formats	Up to 1000 x 1000 dpi optical on smaller formats
Image Quality	More than 7 lp/mm at 400 x 400	<ul style="list-style-type: none"> - ISO 19264-1: level A at 300dpi & 400dpi - Metamorfoze full at 300dpi & 400dpi - FADGI 4 stars at 300dpi & 400dpi More than 9 lp/mm at 600 x 600 dpi More than 18 lp/mm at 1000 x 1000 dpi optical
	No image distortion: distance between the camera and the document is fixed and the angle is perpendicular	
Scanning Format	More than A0: 1300 mm x 919 mm – 51.2" x 36,1"	More than A0: 1300 mm x 927 mm – 51.2" x 36,5"
Scan Time	Color: 8,5 s at 300 dpi on A0 format	Color: 12s at 400 dpi on A0 format Color: 17s at 600 dpi on A0 format
	Saving in hidden time: images saved during scanning process The scan can be launched immediately once the previous scan is done	
Scanning Mode	Internal: color 48 bits, greyscale 12 bits Output: color 24 bits, Greyscale 8 bits, B/W 1 bit	
Book Cradle & Glass Plate	<ul style="list-style-type: none"> • Motorized book cradle with up and down motions • Ergonomic working table with accessible command panel, articulated screen arm and U-shape CPU support • Automatic glass plate pressure control • Scan can be done without contact with the glass plate • Automatic glass plate: scan is launched when the glass is down; the glass opens automatically when the scan is done • Glass plate easily removable: 1 person and 10s only • Security sensors for both operators and books security • Glass opening level can be modified to improve productivity. • 2 steps movement mode "loose sheet" (speed and level) for fragile or flat document • Footswitch for scanning with glass move up and down Book cradle and glass model available according to book A1 thickness and weight <ul style="list-style-type: none"> • <u>Model Book cradle 40</u>: book thickness closed 40 cm (15.7") / maximum weight 40 kg (88.1 lbs) 	

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<p>Lighting</p>	<ul style="list-style-type: none"> • Long life LEDs lighting • No UV and IR emission <p>- Complies with directive 2006/25/EC: classified in the group "safe" regarding the workers' health and safety</p> <p>- Unique lighting to enhancement relief on documents or objects</p> <p>- Glare free system even on highly reflective documents</p> <p>- Lighting below the operator's eyes level</p> <p>Lights only switched on during the scan time</p>
<p>Scanner Software</p>	<ul style="list-style-type: none"> • ROI (limiting the scan area to the width of the document being scanned) • Image displayed during scanning • Real-time lighting correction • Multiple saving frames with customized outputs • Thumbnails flow <p>Production environment: login, metadata tagging, METS outputs ...</p> <ul style="list-style-type: none"> • Automatic calibration mode • ICC Profile management • Multilingual operator interface • Software for remote maintenance <p>Windows 10 or 11</p>
<p>Formats Supported</p>	<p>TIFF, TIFF G4, TIFF Multipage, TIFF LZW, DNG, PNG, JPEG, JPEG2000, PDF, PDF Multipage</p>
<p>Interface</p>	<ul style="list-style-type: none"> • API <p>Multi captures mode: glass plate, footswitch, keyboard</p>
<p>Included Accessories</p>	<ul style="list-style-type: none"> • ColorChecker 24 patches test chart • USB footswitch • PC, mouse and keyboard <p>Articulated screen arm for flat LCD screen</p>
<p>Optional Accessories</p>	<ul style="list-style-type: none"> • 2xA1 book holder (from 90 to 120°) with its glass plate • Light tables: 60 cm x 40 cm (23.6" x 15.7") • from 90° to 140° book holder <p>16:9 flat screen 23" Full HD</p>
<p>Warranty</p>	<p>12-months warranty / assistance contract included</p> <ul style="list-style-type: none"> • hardware warranty (spare parts exchange or repair) • technical assistance (support & diagnosis) • software updates <p>Warranty / assistance extensions also available up to 5 years</p>
<p>Dimensions, weight, power supply</p>	<p>Dimensions BC 40:</p> <ul style="list-style-type: none"> • L 2530 mm (99.6") x 1710 mm (67.3") x 2350 mm (92.5") <ul style="list-style-type: none"> • Weight: 335kg (683.4 lbs) (with BC40) <p>Electrical power: 500 VA</p> <p>Robust design</p>