MASTERED Book Scan 4.0
performance scanning

AUSTRIA TECHNOLOGY WIZARDS

Max. Cycle Speed	Operating Modes
1.500 pages/hour	semi-automatic / manual

Available Sizes	Lighting System
A3+ // A2 // A2+ // A1	special designed LED - museum standards
*customisable on demand	no UV // IR

Book Cradle	V-Shaped Glass-plate
80° opening angle	aluminum light weight frame
automatised side flaps	hardened / double coated / 3mm thick glass
adjustable book spine support	*customisable on demand (glass, acryl, easy mount)

A3+ Model

		A2 Model	
max. book size:	56cm x 37cm (per page 28 x37cm)	max. book size:	60cm x 44cm (per page 30 x 44cm)
max. book thickness:	12cm	max. book thickness:	16cm
image resolution:	300 // 600ppi **	image resolution:	300 // 600ppi **
dimensions / weight:	67 / 84 / 97cm // 87kg	dimensions / weight:	98 / 80 / 103cm // 99kg

A2+ Model

		A1 Model	
max. book size:	64cm x 48cm (per page 32 x 48cm)	max. book size:	84cm x 59cm (per page 42 x 59cm)
max. book thickness:	16cm	max. book thickness:	16cm
image resolution:	300 // 400 // 500ppi **	image resolution:	400ppi **
dimensions / weight:	98 / 80 / 103cm // 99kg	dimensions / weight:	143 / 80 / 104cm // 172kg

Color Tone	Image Formats
24 bit color, 8 bit greyscale, 1 bit b/w	ao.: JPEG, TIFF, Multi-TIFF, PDF, PDF OCR;
	*additional format implementation on demand

QiDrive Software	IT System
comprehensive SW Suite for image processing, quality control, data conversion, workflow management & OCR***	HP quad core processing system for image capturing & batch processing

CMOS Capturing System	Optical Lens Systems
Canon D-SLR 750D	Sigma 30mm
Canon D-SLR 5D Mark III	Carl Zeiss 35mm Milvus
Nikon D-SLR D810	Carl Zeiss 50mm Milvus
Canon 5DS / 5DS R	Carl Zeiss / Sigma
MACH 1 Cam 71 MP, Industrial Cameras 42MP	C Mount Industrial Lenses
****Compatible with all future camera developments	****Compatible with all future lense developments

*   for additional information please contact the technical team.
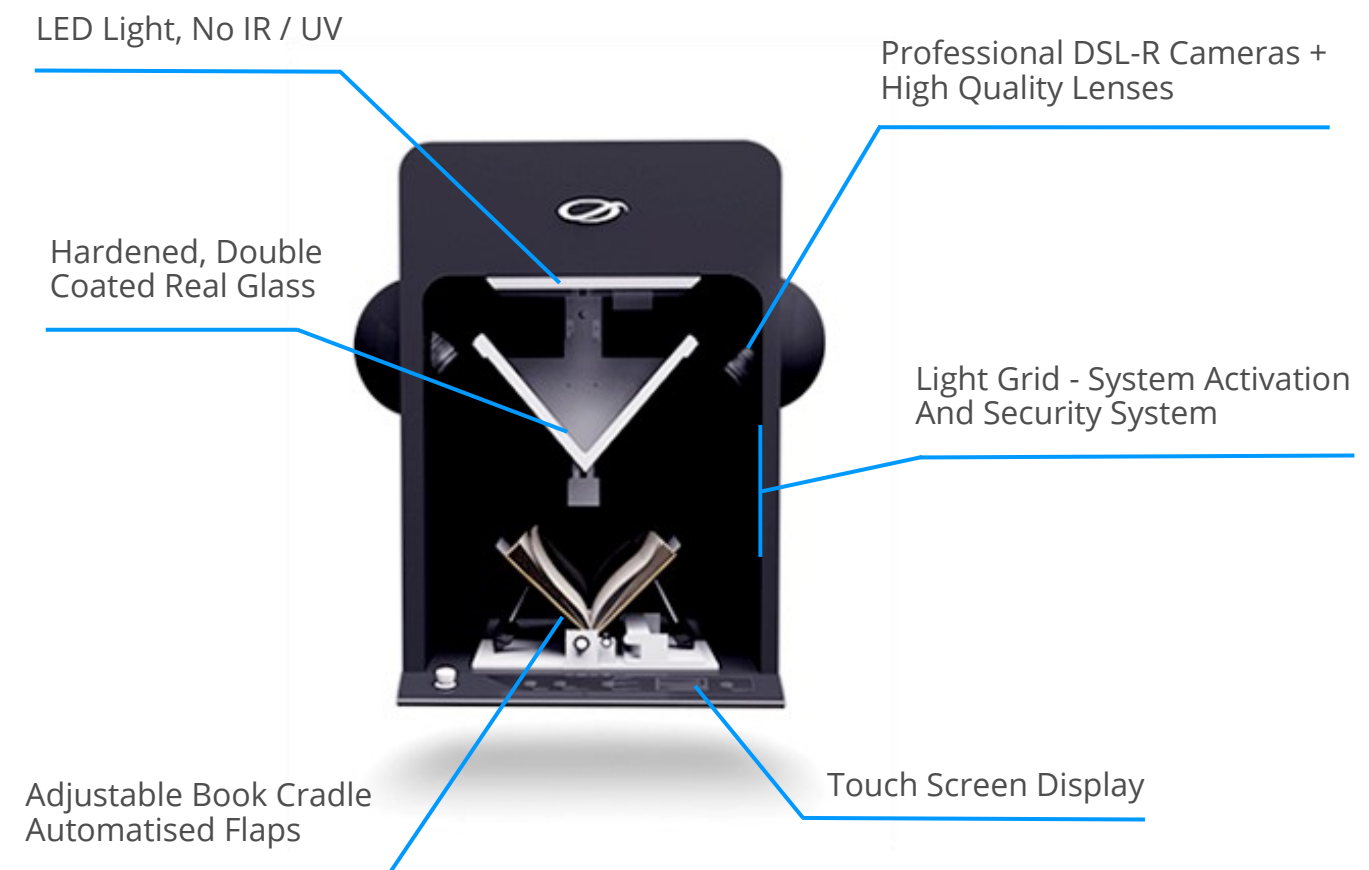**   dependent on applied camera system.
***   OCR licenses upon request to Qidenus Technologies.
**** For all unlisted camera models, verify compatibility with manufacturer.
We reserve the right to make technical changes without notice.

CE RoHS

MASTERED Book Scan 4.0 [**def.:** semi-automatic book scanner]

This partially automatised book scan system is a high speed scanning machine especially developed for large scale book digitisation. The machine uses a self-centering book cradle in combination with an automated glass-plate, providing the operator with a fast and constant scanning rhythm. Compared to flat bed scanners such a device achieves much higher throughput while at the same time stressing the material less [80° angle] with fewer operator interactions.

LED Light, No IR / UV

Professional DSL-R Cameras + High Quality Lenses

Hardened, Double Coated Real Glass

Light Grid - System Activation And Security System

Adjustable Book Cradle Automatised Flaps

Touch Screen Display

Library of Alexandria
Egypt, Alexandria

National Library Abu Dhabi
UAE, Abu Dhabi

Royal Library of Belgium
Belgium, Brussels

Royal Library of Denmark
Denmark, Copenhagen

National Library of Austria
Austria, Vienna

National Library of Poland
Poland, Warsaw

National Library of Uzbekistan
Uzbekistan, Tashkent

National Library of Turkey
Turkey, Ankara

National Library of Azerbaijan
Azerbaijan, Baku

National Library of Norway
Norway, Mo I Rana

University La Sapienza
Italy, Rome

Toronto Public Library
Canada, Toronto

University Library Heidelberg
Germany, Heidelberg

Medical University Library
Bulgaria, Sofia

National Archives of Croatia
Croatia, Zagreb

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