QIDENUS TECHNOLOGIES

QIDENUS
BOOK
SCANNERS

QIDENUS
MASTERED
BOOK SCANNER

Powered by Canon

Software included

Fast Scan

Batch Processing

A3 - A1 Sizes

2 Operating Modes

No UV/IR light

Up to 1000 PPI
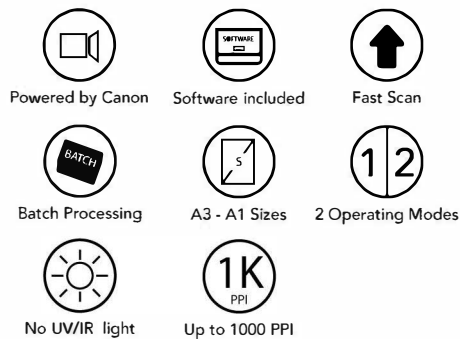
MASTERED
Book Scan 4.0
[def.: semi-automatic book scanner]

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.

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Max. Cycle Speed
1.500 pages/hour

Available Sizes
A3+ // A2 // A2+ // A1
*customisable on demand

Book Cradle
80° opening angle
automatised side flaps
adjustable book spine support

A3+ Model
max. book size: 56cm x 37cm (per page 28 x37cm)
max. book thickness: 12cm
image resolution: 300 // 400 // 600//1000ppi **
dimensions / weight: 104 / 83 / 97cm // 87kg

A2+ Model
max. book size: 64cm x 48cm (per page 32 x 48cm)
max. book thickness: 16cm
image resolution: 300 // 400 // 500//700ppi **
dimensions / weight: 117 / 80 / 103cm // 99kg

Color Tone
24 bit color, 8 bit greyscale, 1 bit b/w

Electronic Control System
Beckhoff SPS electronics & security system
user interface connection for system set-up

multidotscan Software by Walter Nagel
comprehensive capture and image processing
software, live preview quality control, automated
post-processing, intuitive design, multiple
workflow support and automatic document
detection & OCR***

CMOS Capturing System
Canon D-SLR 850D
Canon D-SLR 5D Mark IV
Canon R5
FUJI GFX 100//100S
*Compatible with all future camera developments

Operating Modes
semi-automatic / manual

Lighting System
special designed LED - museum standards
no UV // IR

V-Shaped Glass-plate
aluminum light weight frame
hardened / double coated / 3mm thick glass
*customisable on demand
(glass, acryl, easy mount)

A2 Model
max. book size: 60cm x 44cm (per page 30 x 44cm)
max. book thickness: 16cm
image resolution: 300 // 400// 500//700ppi **
dimensions / weight: 117 / 80 / 103cm // 99kg

A1 Model
max. book size: 84cm x 59cm (per page 42 x 59cm)
max. book thickness: 16cm
image resolution: 300//400//500ppi **
dimensions / weight: 141 / 80 / 104cm // 172kg

Image Formats
JPEG, TIFF, Multi-TIFF, RAW, PDF;
*additional format implementation on demand

IT System
processing system for image capturing
&batch processing

Language Packs
German, English

Optical Lens Systems
Sigma 30mm
Carl Zeiss 35mm Milvus
Carl Zeiss 50mm Milvus
Carl Zeiss / Sigma / Fujinon
*Compatible with all future lense developments

* for additional information please contact our technical team
** dependent on applied camera system
*** OCR licenses upon request to Qidenus Technologies
We reserve the right to make technical changes without notice.

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