

SMA

ROBO SCAN



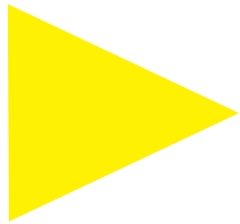
Robotic Scanning

Based on the SCAN MASTER 2/1/0

For books up to A1

1200 dpi

Technical Specifications & Options



ROBO SCAN 2

ROBO SCAN 1

ROBO SCAN 0

Scanning Range	635 x 450 mm (25 x 17.7 inch)	915 x 635 mm (36 x 25 inch)	1270 x 915 mm (50 x 36 inch)
Maximum Resolution	1200 dpi	1200 dpi	1200 dpi
Scan Modes	Color 36/24 bit, color 36/8 bit, Greyscale, Bitonal	Color 36/24 bit, color 36/8 bit, Greyscale, Bitonal	Color 36/24 bit, color 36/8 bit, Greyscale, Bitonal
Scan Speed (full range)	Manual Scanning: 300 dpi color: 3 seconds 600 dpi color: 6 seconds Robotic Scanning: Up to 700 pages/h at max. format Smaller books increase productivity	Manual Scanning: 300 dpi color: 6 seconds 600 dpi color: 12 seconds Robotic Scanning: Up to 500 pages/h at max. format Smaller books increase productivity	Manual Scanning: 300 dpi color: 12 seconds 600 dpi color: 24 seconds Robotic Scanning (up to A1): Up to 500 pages/h at max. format Smaller books increase productivity
Camera System	Sealed and fully dust-proof	Sealed and fully dust-proof	Sealed and fully dust-proof
Light Source	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission
Color Depth	Internally 36 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)	Internally 36 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)	Internally 36 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)
Interface	Gbit Network	Gbit Network	Gbit Network
Operating Systems	Windows 2000 / XP / Vista / 7 / 8	Windows 2000 / XP / Vista / 7 / 8	Windows 2000 / XP / Vista / 7 / 8
Included Software	Batch Scan Wizard Other Software optional available	Batch Scan Wizard Other Software optional available	Batch Scan Wizard Other Software optional available
Standard Book Cradle	Motorized, pull out, 35 cm	Motorized, pull out, 35 cm	Motorized, pull out, 35 cm
Optional Book Cradle	Motorized, pull out, 20 cm	Motorized, pull out, 50 cm	Motorized, pull out, 50 cm
Other Options	TV stand for large monitor Attachment for v-scanning	TV stand for large monitor Attachment for v-scanning	TV stand for large monitor Attachment for v-scanning
Ambient Conditions	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)
Dimensions & Weight	W: 83cm D: 83 cm H: 104 cm 85 kg (without PC and Monitor)	W: 118 cm D: 104 cm H: 104 cm 123 kg (without PC and Monitor)	W: 168 cm D: 120 cm H: 104 cm 185 kg (without PC and Monitor)

Here Comes Captain Future!

Get Ready for a New Dimension of Book Scanning

SMA proudly presents **ROBO SCAN** - the first large format book scanner with automatic page turning function. So far all existing robotic scanners can only handle small books (below A2). The new ROBO SCAN can handle books up to A1 without a problem. Our robotic scanners are based on the well known book scanners of the Master Series, SCAN MASTER with all their benefits.

Quality Made in Germany!

All ROBO SCAN models are equipped with unique scan engines. They provide high quality images based on state of the art technology. Bitonal, grey scale or color images can be produced at a resolution of up to 1200 dpi!

Robotic Scanning Increases Performance

The ROBO SCAN Option definitely increases your throughput. Not only will your productivity go up but with ROBO SCAN it is also possible that one operator handles multiple scanning stations. In addition this operator can do other tasks like entering meta data or indexing.

Operation Independent from Ambient Light

Special LED light illuminators without any ultraviolet and infrared radiation guarantee harmless and uniform illumination. As the illuminators are located inside the scan head and are simply moved across the original it doesn't matter where the scanner is being placed. Bright sunlight or intensive ceiling light does not interfere in the scanning process. Further there is no external light source irritating the operator.

Please note that ambient light is way more harmful to the original than the illuminator utilized in the SCAN MASTER 1

Networking Made Easy

All members of the ROBO SCAN family are true network scanner. Communication with the PC takes place via network card. Remote service and training can be effected via IP address so regardless where in the world a SMA scanner is located, it can be accessed and maintained if necessary.

Two in One

Since every ROBO SCAN is a SCAN MASTER in the first place a ROBO SCAN is not only a robotic book scanner but also a manual book scanner. The robotic scan option can be activated or deactivated simply via touch screen panel.

Do you have further questions?

Please contact your local dealer:

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