

# PRODUCT INFORMATION

## SMA 1 / SMA 0



## Large Format Microfilm Cameras A1 / A0

# TECHNICAL DATA SHEET

## SMA 1 / SMA 0

### SMA MICROFILM CAMERAS

#### **MICROFILM - The Archiving Media of the Present, Past and Future !**

For archiving documents and library material which is subject to long term retention periods, microfilm is the only sensible media to be chosen - despite the tremendous development of digital storage media. Currently there is no digital storage medium available that could nearly reach the durability of microfilm. By utilizing the proven archive media microfilm it is in addition made sure that you will remain unaffected by constant soft- and hardware changes. This is a very serious issue when long-term archive information has to be accessed.

#### **Microfilm is Modern**

We know - microfilm sounds old fashion. But as a matter of fact microfilm can be digitized at any point in time. It therefore bridges the gap between the analog and the digital world in the best possible way.

#### **Available Options**

Image Field Projection

Automatic Exposure Control

Variable film steps

1,- 2 & 3 Level Blip

Digital Counter

Special factor up to 42 x

Attachment for 16 mm Microfilm

Light Table for Transparent Originals

Motorized Book Cradle, for book thickness up to 350 mm and 30 kg weight

105 degrees Book Cradle

Regulatable Book Cradle speed adjustment

Color Film attachment

### TECHNICAL SPECIFICATIONS

Film	35 mm x 30 m roll film 16 mm x 30 m roll film (option)
Illumination	Top light 4 x 200 W
Camera Head	360 degrees rotatable
Height Adjustment	Motorized, pre selection 7,4 - 10,5 - 14,8 - 21 - 29,7 - 32x, other sequences on request
Image Field Projection	Alignment precisely indicates the film area (option)
Color Filming	Optional color attachment, easy switching between black and white
Lens	Zeiss S-Biogon f = 40 mm
Shutter Speed	¼ sec. fixed, variable for color filming
Control Panel	Ergonomical and operator friendly
Counter	Digital (option)
Variable film steps	1/1, 1/2 1/4 steps
Reduction range	Infinitely variable, 7,4 - 32 x
Blip	Fade in of 1,- 2 & 3 level blip (option)
Exposure Measuring	Via photo cell with needle adjustment
Book Cradle	Motorized, for books up to 25 cm thickness (special book cradle for fragile books optional available)
Maximum Filming Area	SMA 1: 700 x 970 mm SMA 0: 920 x 1300 mm
Foot Pedal	For filming, scanning and book cradle function
Weight	SMA 1: approx. 190 kg SMA 0: approx. 360 kg
Dimensions	SMA 1: H 230 W 220 D 130 cm SMA 0: H 270 W 270 D 150 cm