

SMA

SMA 105



**Archive Writer
Microfiche COM System
Bitonal / Greyscale / Color**

Digital to Microfiche

Save your essential data which are subject to long-term archiving requirements with minimum effort and very cost effective on the proven media microfiche.

The **SMA 105** produces an analog backup of your digital business documents. There is no more need for migration of your electronic archive as microfilm is totally soft- and hardware independent. Microfilm, produced properly and kept under right conditions, has a life expectancy of 500 years. In addition it is fake proof and resistant against viruses or worms and cannot be manipulated by hackers.

The converting process is quick, reliable and provides excellent image quality. The original document size can vary from as small as a business card up to large books, maps and drawings. After the files are transferred to the system it will work fully unattended.

The microfiche title can be generated individually. There are preset fields in the upper right corner such as date, operator name and consecutive number plus an area in the upper left corner for exposing graphic information like a logo. In between is the title area which offers three lines of each 40 characters. Alternatively the area can show two or even only one line of characters with correspondingly larger fonts. It is also possible to import prearranged title information from different data bases.

The **SMA 105** is able to generate something like 20 different grids. Following are some of them:

7 x 14 (24x)
5 x 10 (24x)
3 x 8 (24x)
4 x 4 (42 x)
12 x 26 (42x)
14 x 28 (50x)

The system comes with one grid and one lens as a standard feature. For additional grid formats different lenses are necessary which are optional available. A list of all available grids can be provided upon request.

Film processing is done via an on-board processor right after exposure. Plumbing is not required. The whole process takes not more than two minutes. While one microfiche is in the processor, the next job can be started without any delay. One set of chemistry is good for processing 100 microfiches. Changing the chemistry set is only a matter of a few minutes. One film and chemistry kit for the **SMA 105** consists of four sets of chemistry and one film cartridge with 60 m film. As a result one film and chemistry kit is sufficient to produce 400 microfiches.

The **SMA 105** is the only cost-effective solution in the market for applications where microfiche is the preferred media of choice. It also bridges the gap for applications where the declining volume does not justify the investment for a conventional COM systems.

For converting image files back to roll film please ask for the **SMA 51** or **SMA 16**.

Technical Specifications & Options

Resolution & Exposure

- High quality precision camera with German made lens ◀
- High resolution LCD display ◀
- Single-Mode (9 million pixels) ◀
- Quad-Mode (36 million pixels) ◀
- 9-Mode (81 million pixels) ◀
- Landscape Mode ◀
- Portrait Mode ◀

Converting Process

- Filming type: Bitonal, greyscale and color ◀
- Maximum converting speed: 5000 images per hour ◀
- Document Size: Up to A0 and above ◀
- Film type: 105 mm x 60 m in cartridge ◀
- Consumables: Kit containing film, developer, fixer, 1st and 2nd rinse ◀
- File Formats: TIFF (single/multi), PDF (single/multi), JPEG and many others ◀

Software Features

- Fade in of Meta Data (file name, doc size, numbers and more) ◀
- Fade in of start target, end target, index target and others ◀
- Data check before filming ◀
- Creation of log file after filming ◀
- Negative and positive output due to reversal polarity option ◀
- Adjustable shutter speed ◀
- Adjustable exposure control ◀

Delivery Includes

- SMA 105 Archive Writer ◀
- On-board processing station ◀
- One grid of your choice ◀
- Application software ◀
- PC workstation ◀

Dimensions & Weight

- W: 200 cm ◀
- D: 95 cm ◀
- H: 110 cm ◀
- 160 kg (including PC and Monitor) ◀

Archive Writer

Do you have further questions?

Please contact your local dealer:



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