MD Micrographics Data

MD AW3

Digital Archive Writer

✓ **Highest Digital Microfilm Resolution**
- Built-in German lens reaching an optical resolution of up to 150lp/mm and the latest high resolution monitor that results in microfilm images exceeding industry standards

✓ **Fastest Archive Writer**
- 16mm microfilm : up to 2,500 frames/hour
- 35mm microfilm : up to 1,100 frames/hour

✓ **Autofocus Lens**
- Smart autofocus between 16mm and 35mm configuration with one camera head system

✓ **Adjustable Camera Head**
- Camera head is adjustable via a turntable system to film different frame layout

✓ **Automatic Filming Height Adjustment**
- Automatic height adjustment for different filming mode

✓ **Largest Library of Digital File Formats**
- E.g. Tiff, PDF, PDF/A, JPEG, JP2, J2K, PNG etc

✓ **Customised Frame Exposure**
- The only archive writer software that allows customised frame by frame variable exposure timing

colour microfilming   **Greyscale** microfilming   **bi-tonal** microfilming   16 mm 35 mm

TECHNICAL SPECIFICATIONS

APPLICATIONS	To convert digital files onto 16mm/35mm microfilm rolls for long term digital preservation
DIGITAL FORMATS (INPUT)	Over 100 raster & vector digital file formats in colour, black & white and greyscale e.g. Tiff, PDF, PDF/A, JPEG, JP2, J2K, PNG etc
MICROFILM ROLLS (OUTPUT)	16mm & 35mm x 30.5m (100ft) microfilm rolls in black & white, greyscale or colour 1st generation master negative or positive microfilm rolls
CAMERA OPTICAL RESOLUTION	Up to 150 lp/mm
AUTOFOCUS LENS	Smart autofocus between 16mm and 35mm configuration with one camera head system
ADJUSTABLE CAMERA HEAD	Camera head is adjustable via a turntable system to film different frame layout
AUTOMATIC FILMING HEIGHT ADJUSTMENT	Automatic height adjustment for different filming mode
MICROFILM CAPACITY	35mm microfilm : up to 550 frames (cine mode, landscape) up to 1,100 frames (comic mode, portrait) 16mm microfilm : up to 2,500 frames
MICROFILM FRAME NESTING	Full frame, duplex and up to 4 images per frame
MICROFILMING RATE	16mm microfilming : up to 2,500 frames per hour 35mm microfilming : up to 1,100 frames per hour
3-LEVEL BLIPS	16mm microfilm only
ADDITIONAL FEATURES	Imprinting of counter, filename and annotation

Compliance with all established international microfilm standards

SOFTWARE	AW3 Software
PHYSICAL DIMENSIONS	750mm (W) x 650mm (D) x 1630mm (H)
WEIGHT	145kg
SUPPLY VOLTAGE	100 - 240 VAC
ELECTRICAL POWER	1.0 KW
ACCESSORIES	PC and Monitor (not included)
WARRANTY PERIOD	1 Year Manufacturer Warranty

AW3 SOFTWARE

- Windows 7 64-bit & Windows 10 ready
- Multi-thread programming making use of multi core processors
  - Faster run time
  - Extremely fast processing of extremely large digital files
- Smart Memory Management
- Improved GUI
  - User friendly
  - Modern & consistent interface
- Able to handle 100 over raster & vector files
- Thumbnail features to Q.C. on digital files before filming
- Easy to use customized exposure time for individual frames

Manufactured By:

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