

MD Archive Writers

2 Series

Models : MD238(LED) / MD268(LED) / MD288(LED)



- ✓ **Fastest Archive Writer**
 - 35mm microfilm cine / comic mode: 25 minutes
 - 16mm microfilm: 40 minute
- ✓ **Highest Microfilm Resolution**
 - Built-in German lens reaching an optical resolution of 150 lp/mm and a crystal clear 30" IPS-PRO LCD (LED) results in microfilm images exceeding industrial standards
- ✓ **Microfilm Types**
 - Accepts all brands and types of 16/35mm microfilm
- ✓ **Adjustable Height**
 - Adjustable height for different reduction ratio
- ✓ **Microfilm Output**
 - The ONLY archive writer to truly produce bitonal, greyscale & colour microfilm archival for 500 years
- ✓ **Various File Formats**
 - Able to Handle over 90 Raster & Vector Digital File Formats from 1 bit to 128 bit Color Depth - e.g. Tiff, GIF, JPEG, PNG, PDF, JPEG 2000, BMP etc
- ✓ **Quality Check Module**
 - The only archive writer software that allows user to conduct a QC on the digital images before converting to film
- ✓ **Customised Frame Exposure**
 - The only archive writer software that allows customized frame-by-frame variable exposure timing

PATENT
PENDING



2 SERIES TECHNICAL SPECIFICATIONS

PHYSICAL ATTRIBUTES	Physical Dimensions : 36.4"(L) x 25.8"(W) x 52.3"(H) mm Weight : 242 lbs Automation : Automatic positioning for 16mm & 35mm configurations Rotating Camera : To switch between varies 16mm and 35mm configurations
SUPPLY VOLTAGE	100 – 240 VAC
CAMERA	Camera Head: 16mm & 35mm
OPTICAL RESOLUTION	Up to 150 lp/mm
DISPLAY UNIT	Professional 30" (A2 Size) High Resolution 6MP Colour LCD (LED) (option: high resolution greyscale 10MP LCD (LED) screen)
SOFTWARE	MD AW 2 Series Software
INPUT TYPE	Over 90 raster & vector digital file formats e.g. tiff, gif, jpeg, png, pdf, jpeg2000, BMP etc
OUTPUT TYPE	Bitonal/Greyscale medium : Standard ISO LE 500 16/35mm microfilm Colour Medium : Ilford Colour Microfilm (archival for >500 years) Polarity : Positive & Negative
MICROFILM CAPACITY	35mm microfilm : up to 600 frames (cine mode, landscape) up to 1,200 frames (comic mode, portrait) 16mm microfilm : up to 2,600 frames
PRODUCTION RATE	16mm filming rate: 35mins / reel 35mm filming rate: 20mins / reel
RECOMMENDED PC SPECS. PATENT PENDING	2nd Gen Intel Core i7, 16 GB RAM, 1 TB HDD, Windows 7 (64bit), RS232 Serial 9 Pin (Male), PCIe Gen2 x 16 empty slot

AW 2 SERIES 6MP 30" LCD (LED) DISPLAY

(Option: 10MP 30" LCD Display)

- Breakthrough IPS-PRO LCD Display Technology
- LED backlight technology (longer shelf life)
- Perfect view from every angle
- Wide range of adjustable brightness (up to 500 cd/m2) and contrast ratio (1000:1)
- Uniform Luminance Technology (ULT)
- Integrated front of screen sensor
- Anti-reflective protective front glass
- Quality Assurance software for automated calibration
- Driven by a high speed display controller with a 30-bit colour precision.
- Includes Manufacturer Warranty

AW 2 SERIES SOFTWARE

- Windows 7 64-bit & Windows 8 ready
- Multi-thread programming making use of multi core processors
 - Faster run time
 - Extreme fast processing of extreme large digital files
- Smart Memory Management
- Improved GUI
 - User friendly
 - Modern & consistent interface
- Able to handle over 90 raster & vector files
- Thumbnail features to Q.C. on digital files before filming
- Easy to use customized exposure time for individual frames

Models:

MD238 (LED)	MD268 (LED)	MD288 (LED)
Film Type: 16mm, any thickness (all microfilm brands)	Film Type: 35mm, any thickness (all microfilm brands)	Film Type: 16 & 35mm, any thickness (all microfilm brands)
30" 6MP 30 bit Colour/ Greyscale IPS-PRO LCD (LED) (3 Years Manufacturer Warranty)	30" 6MP 30 bit Colour/ Greyscale IPS-PRO LCD (LED) (3 Years Manufacturer Warranty)	30" 6MP 30 bit Colour/ Greyscale IPS-PRO LCD (LED) (3 Years Manufacturer Warranty)
MD238 Software (ver. 6)a	MD268 Software (ver. 6)	MD288 Software (ver. 6)
Other Parts: Standard 2 Years Manufacturer Warranty	Other Parts: Standard 2 Years Manufacturer Warranty	Other Parts: Standard 2 Years Manufacturer Warranty

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Disclaimer: Specifications are subjected to change without notice due to continuous product developments and improvements.