

KEY FEATURES

The Mekel Technology **MACH1 ACS** features a compact design, Hollerith read and an auto-feed hopper for unattended batch scanning.

- ▶ **Affordable and convenient solution** to convert your microfilm aperture cards to digital images
- ▶ **Latest technology for digital imaging** – create high quality images at full resolution; go straight from microfilm to digital image file
- ▶ **Hollerith (punch) data is automatically read** and used to select drawing sizes and file names if required
- ▶ **Dual-save** allows both bi-tonal and grayscale images to be saved from a single scan of the card
- ▶ **Auto white-balance (AWB)** produces the best possible grayscale and bi-tonal images from each card
- ▶ **Fully compatible with Windows 7** 32-bit and 64-bit operating systems
- ▶ **High-speed USB plug-and-play connectivity**; simple and effective interface; reduces set-up time
- ▶ **Virtual re-scan** – automatically reprocesses the scanned image with alternative imaging parameters; no need to physically re-scan the aperture card
- ▶ **Designed for microfilm scanning** – optics, scan engine and **Smartcode** image processing algorithms all developed specifically for microfilm scanning
- ▶ **Flexible** – scan any ISO aperture card with no extras or modifications to purchase

MACH1 ACS



A brand new compact aperture card scanner from Mekel Technology. Create digital images from microfilm aperture cards that can be instantly accessed, searched, viewed, printed or emailed. Simple operation makes the **MACH1 ACS** an ideal digital alternative to reader-printers.

MACH1 ACS Microfilm Aperture Card Scanning System

The latest digital imaging technology in a compact desktop design

Resolution	100 - 400 dpi
Speed (A2/C Size, 200dpi)*	370 cards per hour
Speed (A2/C Size, 400dpi)*	300 cards per hour
Hopper-feed	150 card automated batch feed
Hollerith entry	Automatic (IBM, MIL STD 804B)
Reduction ratio	7.5x to 40x (variable)
Dual-save (greyscale and bi-tonal)	Yes
Scaling accuracy	+/-0.5%
File formats (bi-tonal)	TIFF, CALS, PNG and PDF
File formats (greyscale)	JPEG, BMP, RAW TIFF, PNG and PDF
Agency approvals	CE, UL, cUL
RoHS compliance	Yes
Size (W x D x H)	6.7 x 18.1 x 8.3 inches/170 x 460 x 210 mm
Weight / kg	12.8 lbs/5.8 kg
Power requirement	110/240V; 250/170mA external power-pack
Operating system	Windows 7 Professional (32 or 64 bit)

* maximum speed dependent on PC configuration



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