

MEET THE MACH MICROFILM SCANNERS

And Meet (or Exceed) True Optical DPI Requirements with Ease and Precision

For archivists, records managers and service bureaus there is no greater measure of digitization success than accuracy to the original media. Moreover, accuracy has to be paired with maximum efficiency in order to be cost-effective. The Mekel Technology **MACH-Series** microfilm scanners combine the best of worlds, following FADGI, Metamorfoze and International Standards Organization (ISO) preservation specifications and pairing them with innovative technology for an unmatched return on investment.

ALL MEKEL PRODUCTION MICROFILM SYSTEMS FEATURE:

- ▶ Robust work ethic; 24/7 operation with minimal maintenance requirements
- ▶ 16mm and 35mm microfilm conversion capability
- ▶ Scanning up to 1,000' rollfilm and 3M/ANSI/Ektamate cartridges as standard
- ▶ Conversion to most electronic imaging formats, including text-searchable PDF varieties and archival formats
- ▶ Vertical transport system for stable and gentle film handling
- ▶ Fast throughput
- ▶ Highly-refined precision lenses
- ▶ Mekel's one-of-a-kind **QuantumScan** and **QuantumProcess** software suites
- ▶ A sophisticated toolkit of automated and manual image processing features to guarantee the best image quality possible and eliminate the need for rescans
- ▶ 100% accurate image capture. Scan once and be done — no re-loading necessary.
- ▶ An external PC, allowing for maximum uptime and technology updates
- ▶ Calibrated/focused LED light source
- ▶ Sturdy case with built-in reel storage
- ▶ "Load and go" intuitive operation



Highest Resolution - MACH12

- ▶ High optical resolution: 100-750 dpi true optical resolution
- ▶ 12-bit camera exceeds true optical dpi requirements for capture of books, newspapers, manuscripts, financial records and more
- ▶ Unrivaled image quality and capture accuracy – excellent tonality and depth of field
- ▶ Crystal clear scanning of small fonts and highly-reduced images
- ▶ High OCR accuracy due to exceptional image quality

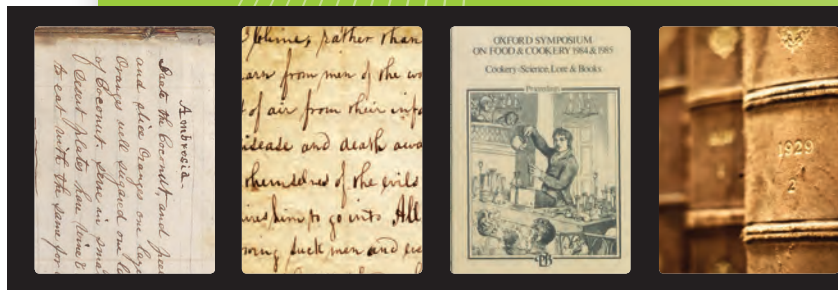
Fastest Speed - MACH10

- ▶ Highest efficiency for the combination of speed and image quality
- ▶ Scans 700 images or more per minute/three minutes per 100' roll (1400 images or more per minute via speed mode)

The Best of Both Worlds - MACH5

- ▶ Offers speed and image quality when scanning a wide variety of microfilm in various states of composition
- ▶ Scans 500 images or more per minute/four minutes per 100' roll (1000 images or more per minute via speed mode)

All models compatible with  **IMAGEhost**
Image Retrieval System



"We would have to charge double or triple the price if we were using our former scanners. With the MACH-Series, we require less scanners, less operators and have been able to cut the cost of rescans due to the higher quality images. We are saving \$144.00 per day, per operator, since installing the Mekel products." Conversion service manager, West Coast Imaging Bureau

