

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 success than accuracy to the original media. In today's business climate, that 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, using NARA and Library of Congress preservation specifications as the gold standards and pairing them with innovative technology for an unmatched return on investment.

ALL MEKEL PRODUCTION MICROFILM SYSTEMS FEATURE:

- ▶ Robust work ethic; works 24/7 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 PDF varieties and archival formats
- ▶ Fast throughput
- ▶ Highly-refined precision lenses
- ▶ Mekel's one-of-a-kind **QuantumM Scan** and **QuantumM Process** suite
- ▶ 100% accurate image capture; no re-loading necessary – scan once and done
- ▶ A sophisticated toolkit of automated and manual image processing features to guarantee the best image quality possible; eliminates the need for re-scans
- ▶ An external PC, allowing for maximum uptime and technology updates
- ▶ Calibrated/focused LED light source
- ▶ Sturdy case with built-in reel storage
- ▶ Stable and gentle transport system
- ▶ "Load and go" intuitive operation



MACH12 Key Features

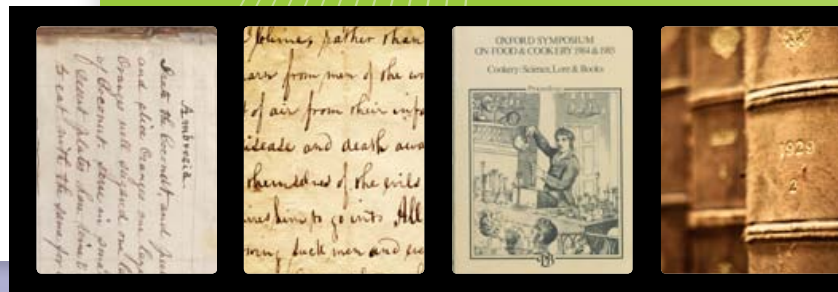
- ▶ High optical resolution: 100-750 dpi true optical resolution
- ▶ 12-bit camera exceeds true optical dpi requirements for capture of books, newspapers, manuscripts, financial records and more
- ▶ Unrivaled image quality and capture accuracy – excellent tonality and depth of field
- ▶ Crystal clear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

MACH10 Key Features

- ▶ Highest efficiency for the combination of speed and image quality
- ▶ Scans up to 700 images per minute/3 minutes per 100' roll (up to 1400 images per minute via speed mode)

MACH5 Key Features

- ▶ Offers speed and image quality when scanning a wide variety of microfilm in various states of composition
- ▶ Scans under 6 minutes per 100' roll



"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 re-scans due to the higher quality images. We are saving \$144.00 per day, per person, since installing the Mekel products." Conversion service manager, West Coast Imaging Bureau

