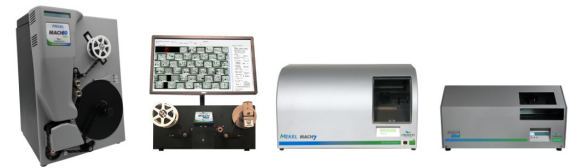


# Quantum

## DIGITIZE SMARTER WITH QUANTUM

The Quantum Software Suite delivers a streamlined, high-performance workflow for microfilm and microfiche digitization using MACH-Series scanners. From capture to output, Quantum tools reduce costs, minimize rescans, increase production speeds, and ensure top-tier image quality. Trusted by libraries, archives, government agencies and service bureaus worldwide. Quantum makes preservation-grade scanning easier and more efficient.



## QUANTUM SOFTWARE SUITE

### Quantum Scan

#### Microfilm Advanced Capture Software

Intuitive capture software for high-speed, high-accuracy microform scanning. Supports output of full digital microfilm roll capture with automatic and advanced frame detection, template options, and output of full digital rolls and sheet.

### Quantum Process

#### Microform Process Software

Offering powerful post-scan editing and processing tools that run independently of the scanner, enabling project refinement across multiple PCs. Features include batch processing, quality control, image enhancement, and 3-level document classification via blip control.

### Quantum OCR

#### Microform Optical Character Recognition (OCR) Software

A powerful, offline OCR engine with unlimited image processing at a fixed cost. Supports 100+ languages and customizable workflows. Files from any source—paper, books, wide format, or microform—for maximum flexibility and accuracy.

### FastFiche

#### Microfiche Workflow Software

Designed for seamless microfiche capture, processing, and integration. Ideal for high-volume fiche conversion projects with easy export and QA tools.

“The Quantum processing software is incredible. The Mekel scanners process better and faster than our former scanners because we don't need server attached to each machine...This is a tremendous competitive advantage for our company.”

~ Ryan Candela, Project Manager, Mountain States Imaging



# THE POWER OF A SEAMLESS WORKFLOW

## 1. Digitize and Capture

- Flawless, full-frame capture—every inch of roll film, aperture cards or fiche, no rescans or reloads needed.
- Advanced focus options and pre-scan testing

## 2. Capture Processing and Enhancements

- Minimize downtime with multi-machine processing
- Custom batch workflow with built-in editing toolkit
- File naming flexibility and versatile output options

## 3. Quality Assurance and Review

- View entire media for quick and optimum image quality and frame accuracy inspection
- Maximize productivity by allowing a single operator to manage multiple scanners

## 4. Seamless Output and Integration

- Integrates seamlessly with IMAGEhost
- Supports output file formats such as TIFF, PDF, JPEG, PDF, JPEG2000 and more

# BENEFITS OF QUANTUM SOFTWARE SUITE

## Guaranteed 100% Image Capture

Capture 100% lossless, edge-to-edge roll film or fiche images with no rescans or reloads

## Easy Workflow Integrations

Streamline your workflow—easily move digitized files from the scanner PC to multiple post-processing stations for faster, more flexible output

## Multi-Media Capabilities

Our Quantum Software Suite handles microform with MACH-Series scanners—capturing grayscale/bitonal formats in a single scan.

## Crowley Made, Crowley Used

Proven in Crowley’s award-winning digitization services bureau, Quantum is optimized with advancing technology

# TECHNICAL SPECIFICATIONS

Standards	
Compliance	FADGI-compliant capture, NARA guidelines
Media Handling	
Media Compatibility	16 mm/35 mm microfilm, microfiche, aperture cards
Output File Formats	TIFF, JPEG, PDF, PD F/A, JPEG2000, Multi-page formats
OCR Output File Formats	Single or Multi-page .PDF, .TXT and HOCR
Platform	
Operating System	Integrated scan controller PC - Windows 11 Pro

