



Outstanding image
quality in a compact
format

OM Mini Fiche

The Microfiche scanner.



OM Mini Fiche offers a compact solution to digitize all formats of microfiche, jackets and aperture cards in excellent quality.

Product advantages

- **Excellent image quality due to dual camera system:** OM Mini Fiche uses a single-pass, pre-scan camera that locates images before a second camera captures the frames as high-quality images. This ensures that only images and not blank film are scanned, saving time/digital storage space and eliminating rescans
- **Versatility:** Both bitonal and grayscale images can be captured simultaneously without impacting speed.
- **Advanced Software Features:**
 - Mekel Quantum software suite for precise, accurate front-end capture and post-capture editing
 - Serpentine scan option
 - OCR-Titel-Naming
 - Windows 11 support
 - Optical Character Recognition
 - Easy manual film loading

Technical data

OM Mini Fiche

Camera/optics	<ul style="list-style-type: none"> • Up to 12-bit dynamic range with gamma correction • Advanced adaptive Automatic Gain Control (AGC) handles varying film density in real-time across the fiche • Dual-camera system locates frames before capture • Full 8,192 pixel CCD array for highest true optical dpi in the industry
Resolution	100-600 true optical dpi; 4x-96x reduction ratio
Speed (fully processed)	24x/200 dpi: Up to 130 ppm 42x/200 dpi: Up to 75 ppm 48x/200 dpi: Up to 65 ppm
Film types	Supports all standard aperture card and fiche types including: standard or long jackets; COM; AB Dick; Ultra Fiche and Microx; 16 mm or 35 mm; combo 16/35 mm; simplex or duplex; positive or negative; diazo; silver; vesicular; duplicates; cine/comic mode formats
Agency approvals	FCC, CE and RoHs certification
File formats (output)	<ul style="list-style-type: none"> • Simultaneous output to grayscale and bitonal formats (Output to single or multi-page TIFF and PDF (FastFiche and QuantumProcess)) • Output to TIFF (G4/LZW/uncompressed), JPEG, PDF, PDF/A, JPEG2000, bitonal CALS type 1 and others (QuantumProcess only) • OCR output to single/multi-page PDF, TXT and HOCR formats (QuantumProcess only)
Scan options	Microfiche: Scan modes: row by row, serpentine, single Aperture Card: Film image User-defined title bar/header (translucent/opaque) pre-scans for layout, naming and indexing references
Frame detection	<ul style="list-style-type: none"> • Single-pass intelligent pre-scan automatically detects all images regardless of size or location
Image digitization and processing	<ul style="list-style-type: none"> • Real-time image sharpen and enhancement • Interactive selection of individual images or automatic capture of entire fiche row as an individual image • Real-time automatic and manual control of rotation, cropping, deskew and automatic compression of film background density • Task set-up by job or saved in set up file • Optical Character Recognition (OCR) of selected title bar text and of final output images (QuantumProcess only)
Viewing/browsing	<ul style="list-style-type: none"> • View full or partial screen in real-time or by thumbnail, emulating fiche layout • Real-time dual view of bitonal and grayscale images (FastFiche and QuantumProcess)
Power requirement	50Hz or 60Hz/100v to 240v AC/800 watt single-phase,
Operating system	Windows 10 und 11 Pro
PC specification	Quality DELL Workstation - current specs (optional)
Dimensions (l x w x h) / weight	305 x 330 x 610 mm (12 x 13 x 24 inch) / 17 kg (38lbs)