Mekel M525 Microfilm Scanner

The New Generation of 16/35mm Microfilm Scanners !

Advantages:

- **High Speed Image Capture:** M525 Scans at 100 images per minute at 200 dpi from 16mm film.

- **Open Architecture:** The M525 can be customized to third party software requirements using Mekel's free API. No other scanner has this feature.

- **Realtime Image Enhancement:** Automatic image optimizing features such as; deskew, crop, rotation, and auto-contrast, guaranteeing the highest quality with maximum throughput.

- **Grayscale Output:** This option provides extraordinary clarity to images with photographs and very low contrast newspapers and documents.

- **Easy to Use:** Uncomplicated yet comprehensive scanner setup screens to ensure accurate image management. Quick thread film transport mechanism provides film protection, alignment accuracy and easy operator setup.

- **Robust Hardware & Software:** The M525 takes up very little space and is designed for around-the-clock scanning. It has proven to be a reliable workhorse.

- **Warranty:** One Year - A one-of-a-kind offer in the industry.

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Features & Specifications:

Resolution:
100 through 500 dpi on 24X Microfilm and up to 200 dpi on 35mm microfilm at 30X.

CCD Camera Array:
8,192 elements.

Speed:
100 pages per minute for 200 dpi @ 24 X reduction.

Film Type:
Supports all standard film types; 16mm and 35mm roll film in 100 ft or 215 ft thin base loads. Accepts ANSI, M-type, Kodak cartridges or cassettes, or open spools. Silver, Diazo, Vesicular emulsions.

Film Formats:
All standard TIFF CCITT G3, G4 (bitonal) and JPEG for grayscale (with grayscale option installed) (true 256 shades of gray with option installed)

Frame Detection:
Single, double or triple-level blip code detection as well as leading and trailing edge detection.

Film Control:
Continuous automatic scanning or interactive selection of individual images.

Film Format Selection:
Electronically controlled film format selection for precise positioning of CCD camera and lenses.

Electronic Control:
Operator selection of reduction ratio & resolution with "true scaler" technology without mechanical adjustment or arduous focusing.

Image Enhancement Tools:
Automatic and manual control of Rotation, Cropping, Deskew, and automatic compensation of film background density variations.

Operating System:
Windows NT utilizing IPT/SAS/Mekel Scanner controller Software, Image Capture and Indexing software.

Grayscale Output:
Available as an Optional upgrade

PC Specification:
DELL Pentium III 600 MHz (or higher) computer w/128 MB SDRAM, 3.5" Floppy disk, CD-RW drive, Hard Disk Drive-High RPM, 12 GB minimum, High Resolution 19" color monitor display, Network ready, Microsoft Mouse, Windows keyboard with Windows NT and additional software installed.

Power Requirements:
50 Hz or 60 Hz 100V-240V AC, 500W, Single Phase switchable for domestic and international use.

Dimensions:
11" W x 21" D x 19" H, 60 lbs.

Agency Compliance:
Y2K compliant, FCC, UL, and CE Certification.

Warranty:
Factory Warranty on all parts for one (1) year.

Manufactured with Pride in the USA