



Intelligent Microimage Scanner

Microfilm retrieval for the Millennium.



The new *Kodak Digital Science™* Intelligent Microimage Scanner is a high-speed, 16-mm film retrieval subsystem. The compact film drive and supporting software enable automatic image-mark searches using a standard PC workstation. The subsystem digitizes the film image and displays it on the PC monitor where the user can read it and file, fax, or print it with just a few mouse clicks. It's an ideal, versatile retrieval solution, whether you want to upgrade an analog reader-printer or add film imaging to your digital information system.

INNOVATIONS THAT IMPROVE YOUR WORKFLOW.

The new design of the Intelligent Microimage Scanner delivers speed and excellent image quality in a

small footprint. It also allows users to work more productively. The improvements begin with the film transport, which is fast, accurate, and accepts all major film cartridges. Once the selected film is scanned, the transport can advance to the next image or perform a refile in the background, minimizing the waste of operator wait time. Meanwhile, the operator can be performing all retrieval, annotation, and routing procedures with a single integrated interface that's easy to use.

UNCOMPROMISING IMAGING PERFORMANCE THAT WON'T STAND STILL.

You'll see more detail and clarity that result in improved legibility, especially with printed backgrounds on checks. That's because the high-density CCD of the Intelligent Microimage Scanner captures more information from the film, making it available as gray-scale images. You can also elect to work with bitonal images.

Because images are processed in software on the PC, enhancements and new features will be simple to implement as they are developed. You can continually upgrade image processing speed by moving to a more powerful PC as processor speeds rise and prices fall. Plus, the Intelligent Microimage Scanner is Year-2000-ready.

Give your microfilm a productivity boost.

Switch to the *Kodak Digital Science* Intelligent Microimage Scanner.

Kodak Digital Science Intelligent Microimage Scanner

For operator efficiency, image quality, and quick turnaround times, it's going to be hard to beat the *Kodak Digital Science* Intelligent Microimage Scanner for a variety of reasons.

Improved imaging performance.

High-resolution scanning results in a high-quality final image—in your choice of gray scale or bitonal.

Accurate retrieval. On good quality microfilm, the Intelligent Microimage Scanner hits its mark, even at 20 feet per second.

Overscan option. The Intelligent Microimage Scanner Software gives you the option of scanning an area larger than the requested target image, which saves time if microfilm is poorly marked or in bad condition.

Advanced transport. A new design eliminates glass guides, virtually eliminating the possibility of scratches.

Image processing. The powerful algorithms of the Intelligent Microimage Scanner Software deliver outstanding quality images.

Easy-to-use interface. All the tools and procedures an operator needs are accessible via icons, toolbars, and pull-down menus. A familiar *Microsoft Windows* Software format also makes it easy to learn.

Small footprint. The Intelligent Microimage Scanner fits conveniently on a desktop. Plus you need only a single workstation monitor for image viewing, management, and data entry.

CAR-ready. The Intelligent Microimage Scanner can be set up to accept basic CAR commands by adding an optional CAR software module to the standard user interface software. Enhancements that can support automated retrieval applications will be available in the near future.

Kodak service. While the Intelligent Microimage Scanner is simple and reliable, with few moving parts and a user-replaceable light source, it's nice to know help from Kodak is just a phone call away.

KEY FEATURES

Image output:

Resolution (reduction ratio dependent):
Normal mode: 200 to 300 dpi
Enhanced mode: 200 to 500 dpi

Modes: bitonal with TIFF,
Group III, Group IV compression

16- or 256-level gray scale with
JPEG compression

Image handling:

Deskew

Rotation in 90° increments

Zoom in and out

Cut and paste

Annotation

Despeckle

Mirror

Film handling:

Cartridges: ANSI and/or M-type
Kodak Ektamate Magazines

Film types: silver, diazo, vesicular

Film thickness: 2.5 to 5.0 mil

Film formats: simplex, duplex, duo

Film indexing: small, medium, and
large image marks (blips)

Kodak Image Management Code

Search and refile speed: up to 20 ft/sec
for ANSI and *Ektamate* Magazines.

M-type magazines up to 7 ft/sec

Film scanning:

Patented *Kodak* CCD

Speed: 20 to 30 images per minute
(24X comic film, letter-size images
at 200 dpi)

SPECIFICATIONS

Physical:

Size: 13"h x 22"d x 15"w

Weight: 65 lbs

Electrical:

100-120 or 220-240 VAC, 50-60 Hz
6 amps max

Environmental:

Heat dissipation: <750 Btu/hr

Host PC minimum requirements:

Processor: *Pentium II*, *Pentium* 350 MHz
MMX; *Pentium III* preferred

RAM: 256 MB

Operating system: *Microsoft Windows 95*,
Windows 98, *Windows NT* v. 4.0/SP3

Monitor: 19"; 21" recommended
- 8 MB graphics card

Connectivity:

- PCI Bus Master slot
- Ethernet or Token Ring card
as required
- serial port for scanner

Year 2000-compliant PC recommended.



For manufacturing of imaging equipment.

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