

**Kodak**  
IMAGELINK™

## Microimager 70



*The Imagemaker Microimager 70 features an operator display with simple, plain-language prompts. The ergonomic layout positions all controls, feeders, and hoppers within easy reach of the operator for maximum efficiency.*

# Imaging with all the right connections.

There's a family of high-resolution, high-volume microfilmers that are ready to integrate into your information systems: the *Kodak Imagemaker™* Microimagers. Based on a modular mainframe design, *Kodak Imagemaker* Microimagers can readily be upgraded to attain higher levels of intelligent data capture.

The *Imagemaker* Microimager 70 comes with built-in image marking for automated indexing and retrieval. From there, you can mix and match capture options such as bar code reading, ink-jet document printing, or optical character recognition (OCR). And the *Imagemaker* Microimager 70 is designed to support electronic image scanning with simultaneous filming.

It all means that the *Imagemaker* Microimager 70 will be easy to integrate into your document management strategies for years to come.



# Intelligent capture that gives you a head start on productivity.



Front and rear exposure positions are offset to prevent bleed-through. The exposure guides are readily accessible and slide out easily for cleaning.

The *Imagelink* Microimager 70 is fast, reliable, and easy to operate. The transport mechanism of the *Imagelink* Microimager 70 handles a wide variety of document types dependably, while maintaining accurate document sequence. Its reliability can keep you going—non-stop—no matter how big the job. This means you get more work done in less time. That translates into real improvements in productivity.

The *Imagelink* Microimager 70 comes with standard image marking to facilitate automated retrieval. It stores seven predefined and two programmable application modes for automatic setup without operator programming.

## **AN ERGONOMIC APPROACH TO LONG-TERM OPERATOR PRODUCTIVITY**

The *Imagelink* Microimager 70 incorporates human-factors engineering for enhanced operator comfort and efficiency. The work shelf, document feeders, and output hoppers are all positioned within easy reach of the operator. The location of the keyboard and display minimizes head and eye movements. The 37-key keyboard includes eight predefined and two programmable keys to make it easier to select the most frequently used functions, such as paper printer on/off. A programmable footswitch also reduces the need for keystroking. The 80-character display communicates information about the job and the machine's status in any two of five available languages. All of this attention to ergonomic detail means less overtime, less training, and more productivity per operator hour—even with large document volumes.

## **THE CASSETTE THAT'S AN OPERATOR'S BEST FRIEND**

The *Kodak Imagelink* Smart Cassette used in the *Imagelink* Microimager 70 contains its own microprocessor to monitor film status. The Smart Cassette detects improper threading or any loss of tension in the film. It shows how much film is remaining on a graphic display and tells the *Imagelink* Microimager 70

approximately how many more documents can be filmed as the end of a roll approaches. You can avoid having to stop to reload in the middle of a large batch of documents.

The *Imagelink* Microimager 70 features a single film path that virtually eliminates loading and unloading errors. In addition, the cassette provides for fool-proof duo filming—at the end of a roll, the operator simply turns the cassette over and continues. It's easy to take advantage of the cost savings of duo filming and pack twice the number of images on a single roll. The *Imagelink* Microimager 70 accepts two Smart Cassettes for automatic backup and added security and convenience.

The Smart Cassette also stores the job number, image mark level, image address, and mode setup data. When it's inserted into the film bay, the cassette automatically downloads this information to the Microimager. This simplified job setup eliminates operator programming errors and saves time. Multiple operators or departments can share a Microimager by using multiple inexpensive cassettes.

#### **OPTIMUM OPTICS FOR PRECISE QUALITY**

The *Imagelink* Microimager 70 houses 24:1, 40:1, and 50:1 optics in a rotating turret. These multiple reduction ratios make it easy to handle different jobs that require different reductions and formats. Changing reduction ratios is simple. The operator just releases a locking lever and rotates the turret. The optics maintain precise focus—no time-consuming adjustment is required.

#### **A HIGH LEVEL OF IMAGING PERFORMANCE**

Here are two more ways the *Imagelink* Microimager 70 puts you a step ahead: Automatic exposure control handles a wider variety of document colors with ease. Offset exposure guides eliminate image bleed-through for optimum image quality. The result is higher

throughput with better resolution than ever before—a minimum of 160 lines per millimeter at 50:1 reduction. That means readable images on reader-printer screens and paper prints and optimal scanning for electronic delivery by devices such as the *Kodak Imagelink* Digital Workstation 2000.

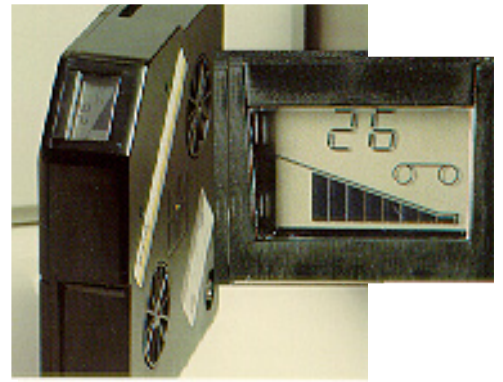
#### **PROGRAMMED FOR FAST SERVICE**

Thanks to computer diagnostics, technicians can set up and service the *Imagelink* Microimager 70 in record time. With all the intelligence and sensors built into the *Imagelink* Microimager, it can actually tell a technical representative where it hurts. The representative just plugs in a laptop computer and runs our exclusive diagnostic software. It's like having a second pair of hands and an online manual all in one. The result is fast troubleshooting and no second-guessing.

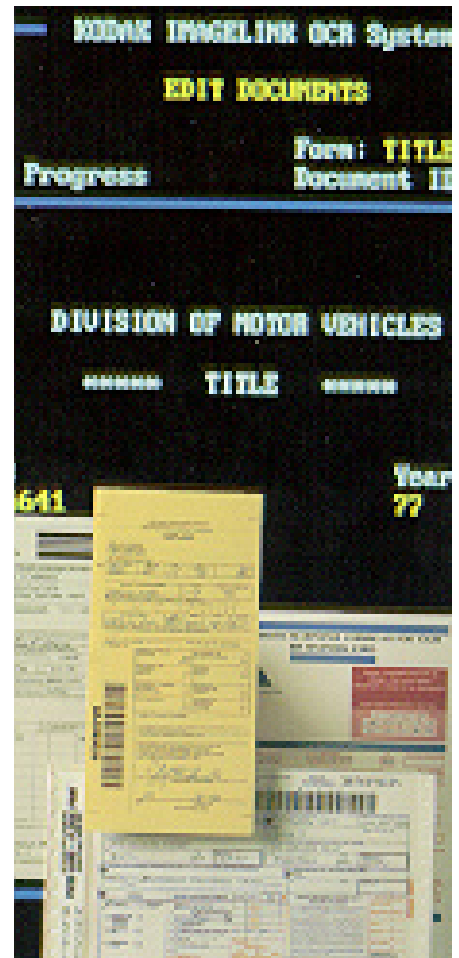
#### **KEEP YOUR OPTIONS OPEN**

The *Imagelink* Microimager 70 will deliver productivity and imaging performance, configured the way you want it today. As your needs change, the modular accessories will keep you current. For example, the advanced function module adds time/date stamping, alphanumeric film writing, and twice as many indexing modes. In any case, you'll have a high-volume, reliable capture device that's ready to integrate with the systems you buy tomorrow.

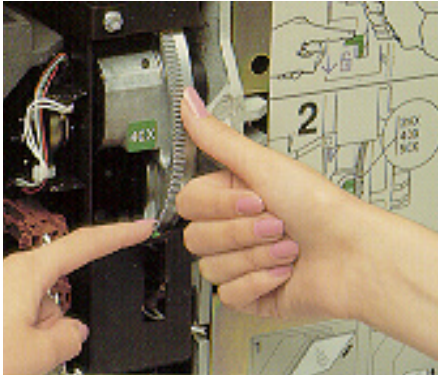
**Make the perfect match for flexible capture with the *Imagelink* Microimager 70.**



The exclusive Kodak *Imagelink* Smart Cassette stores job number and setup, and film status in microprocessor memory for added convenience, accuracy, and efficiency.



Modular accessories make it easy to add ink-jet printing, patch reading, bar code reading, film writing, and OCR capabilities to the *Imagelink* Microimager 70.



A precisely aligned lens turret provides multiple reduction ratios for application flexibility. Operators can change ratios in seconds without special adjustments.

## FEATURES

### Imaging:

- One- or two-roll capability
- Simplex, duplex, and duo filming
- Automatic exposure control
- No bleed-through imaging
- 24:1, 40:1, 50:1 reduction ratios
- Minimum of 160 lines per millimeter resolution at 50:1 reduction

### Transport:

- Jam detection
- 12" throat width
- Choice of 3 feeders—handfeed, semi-automatic, and check
- Choice of 2 exit hoppers—standard receiving and optional check stacker

### Application setup:

- 7 predefined application modes
- 2 programmable application modes
- Intelligent film cassette stores image address, mode, and job number
- Facilitates mixing and matching accessories for specific applications

### Operator interface:

- 37-key keyboard
- 80-character display
- Plain-language messages; programmable in five languages: English, German, French, Spanish, and Italian
- 8 predefined function keys
- 2 programmable function keys
- Optional footswitch can substitute for manual keystroking

### Accessories:

- Footswitch
- Side console
- Custom, adjustable chair
- Semi-automatic feeder
- Check feeder
- Check stacker

- Endorser
- Document Printer 1 and 12 ink-jet paper printers
- Patch reader
- Kodak Imagelink Bar Code Reader; recognizes Code 3 of 9, Interleaved 2 of 5, and Codabar; can read multiple codes per page
- Film writer
- Image management code
- OCR reading
- Advanced function module

## SPECIFICATIONS

### Physical dimensions:

Mainframe	
Height	48" (122 cm)
Width	29" (74 cm)
Depth	51" (130 cm)
Weight w/acc.	450 lbs (204 kg)

### Space requirements:

Front	40" (102 cm)
Right side	32" (81 cm)
Left side	20" (51 cm)
Rear	3" (7.6 cm)
Above	36" (91.4 cm)

### Electrical requirements:

100 V AC 50/60 Hz, 15 Amps, single phase
120 V AC, 50/60 Hz, 15 Amps, single phase
220 V AC, 50/60 Hz, 10 Amps, single phase
240 V AC, 50/60 Hz, 10 Amps, single phase

### Environment:

Temperature	59 to 86°F (15 to 30°C)
Relative humidity	15 to 76%
Heat dissipation	5000 Btu/hour (max)

### Document dimensions:

2.5" (6.4 cm) x 12" (30.5 cm) wide  
 2.5" (6.4 cm) x virtually any length—documents longer than 17" (43.2 cm) will require special handling at the exit hopper

### Feeder capacity:

- Check feeder: 1200 checks in hopper
- Semi-automatic feeder: 1/2" stack autofeed  
1 1/2" stack manual feed

### Paper transport:

- 36"/second speed
- 12" throat
- Maximum document thickness: .040"

### Optics:

- 24:1 reduction, minimum resolution 125 lines per millimeter
- 40:1 reduction, minimum resolution 140 lines per millimeter
- 50:1 reduction, minimum resolution 160 lines per millimeter

- Rotating turret mount maintains precalibrated focus
- Microprocessor-managed automatic exposure control

### Photographic field:

- 24:1 – Simplex 12.0" (30.5 cm)
- 40:1 – Duplex 10.2" (25.9 cm)  
– Duo 8.9" (22.6 cm)
- 50:1 – Duplex 12.0" (30.5 cm)  
– Duo 10.7" (27.3 cm)

### Kodak Imagelink Smart Cassette capacity:

- 215' 2.5 mil film
- 100' 5.0 mil film

### Kodak Imagelink Smart Cassette features:

- Graphic display of film remaining
- Foolproof duo mode
- Easy threading
- Interactive with Microimager

### Safety and EMI standards:

UL listed (UL-478)  
 CSA certified (CSA 22.2 #220)  
 TÜV GS mark (IEC-950)  
 ISO 9002



For manufacturing of imaging equipment.

EASTMAN KODAK COMPANY  
 Business Imaging Systems  
 Rochester, NY 14650  
 1-800-243-8811

KODAK CANADA INC.  
 Business Imaging Systems  
 Toronto, Ontario M6M 1V3  
 1-800-465-6325

In other areas contact the Kodak company serving your country or Eastman Kodak Company, Business Imaging Systems, International Markets, Rochester, NY 14650, U.S.A.

Kodak and Imagelink are trademarks.

<http://www.kodak.com>

BUSINESS  
 IMAGING  
 SYSTEMS

