The speed of digital. The power of analog.

Kodak
2400DSV-E and 3000DSV-E
Digital Scanner-Printers
POWERFILM Application Software

Safeguard your critical data with a reference archive.

When you need trustworthy copies of records to validate transactions, satisfy litigation, or meet regulatory and audit requirements, will they be there? In a reference archive, your records are maintained in an analog format on ISO-standard micrographic media via traditional microfilm equipment and today's digital-to-film writing technology like the KODAK i9600 Series Writers.

Your microfilm has never been so versatile.

For managing documents and information, and for low-cost, low-risk reference archive storage, microfilm is the media of choice. With a KODAK 2400DSV-E or 3000DSV-E Digital Scanner-Printer, you can deliver documents in digital and paper formats—and do it fast. They make excellent upgrades from analog reader-printers or first-generation film scanners. And they bridge microfilm's proven performance with the flexibility of digital technology. Now, you can have the best of both worlds.

The KODAK 2400DSV-E Digital Scanner-Printer.

Designed for departmental use, the 2400DSV-E makes short work of on-demand printing or scanning. First, it scans images at the touch of a button. Then it lets you send images to either the optional high-speed video laser printer or a PC for local or network distribution.

The KODAK 3000DSV-E Digital Scanner-Printer.

If your application requires higher volumes and/or larger format documents, choose the 3000DSV-E Digital Scanner-Printer. Its generous 12x17 in. (303 x 440 mm) screen displays two 16 mm images or full-frame 35 mm film-roll or aperture cards, making it ideal for large-scale image conversions. Select from full, center, or split screen applications.

POWERFILM
Application Software
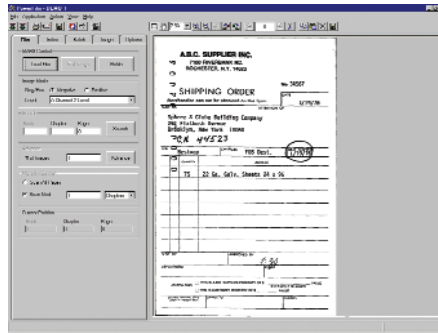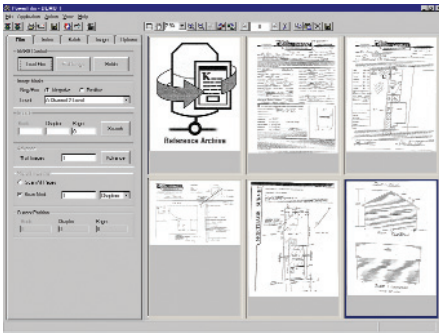
POWERFILM Application Software combines a user-friendly interface with a wide range of output, indexing, retrieval and distribution tools. It's specially designed for batch scanning and digitization of all film formats. What's more, it's also designed for document reconstruction, roll conversion, and CD creation using the included CD Publish/CD Retrieve application.
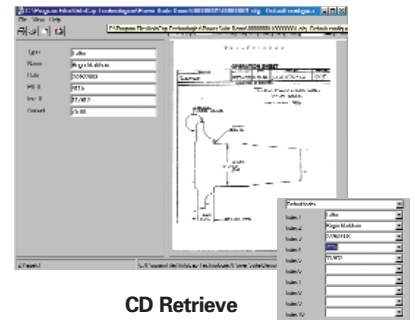
Here are just some of the ways it can make you more productive.

• **Create CDs**

Build a database of scanned images and data with CD Publish. Then use CD Retrieve to search and recall individual images, or groups of images, from indexing criteria that you choose.
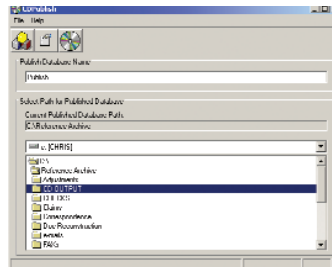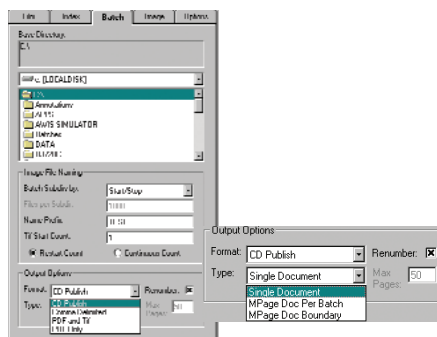

**CD Publish**

CD Retrieve

• **Output Options**

Versatile image distribution is provided— including single or multi-page TIFF, CD Publish, PDF and optional Kofax Ascent output module.

- **Index Utility**

  Flexible indexing offers as many as 10 fields—
  text, numeric or date—with up to 32 characters
  per field. Auto-repeat indexing, such as
  "current date," is another efficiency feature
  that's included.
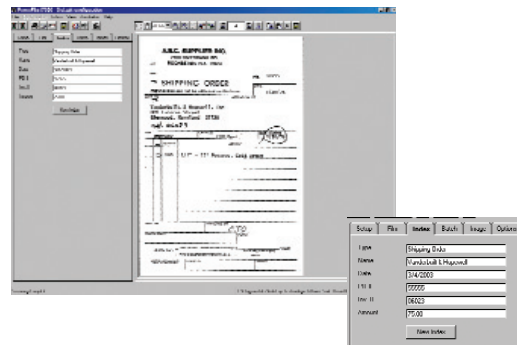
- **Suspend Batch**

  This indispensable job management feature
  lets the operator interrupt a job, suspend the
  batch and resume work later. This adds greater
  versatility, productivity and flexibility for multiple
  conversion projects.
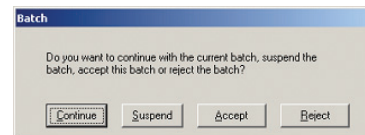
Productivity-enhancing accessories make a good thing even better.

• **Print** Our high-speed video laser printer delivers high-quality prints in as little as five seconds. One fixed paper tray or one universal paper cassette accepts multiple paper sizes.

|	
Fast print delivery:	13 seconds from cold/ 5 seconds warm
Multiple prints:	20 ppm Letter/A4 continuous per minute
Print sizes:	11x17/Letter/Legal/A3/A4
Paper supply:	150-sheet universal tray; 250-sheet universal cassette
Warm-up:	less than 70 seconds from cold

• **MARS Controllers** These keypad interfaces are used to configure search mode set-ups and to enter image address information for retrieval. MARS controllers are used with scanner-printer models that have been configured with 16 mm film carriers that search image-marked film.

MARS 2

MARS IV

*Pictured serial cable is intended for use on PC with POWERFILM Application Software only.
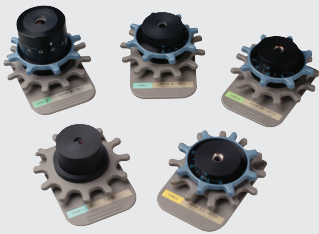
• **Lenses** Choose from five lenses—zoom and fixed—that enlarge images for viewing or scanning. Your lens selection is determined by the reduction ratio of images on the film to be used.

• **Film Carriers** We offer carriers for any need and any film format. The descriptions below will help you choose the carrier(s) right for your application.

Cartridge Carrier 15 A
- 16 mm film in ANSI cartridges
- Typically used with image-marked film
- Automatic load
- Interface board included

Cartridge Carrier 15 M
- 16 mm film in 3M type cartridges
- Typically used with image-marked film
- Automatic load
- Interface board included
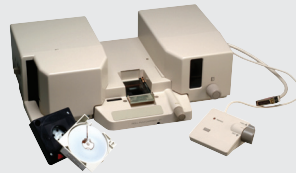
Cartridge Carrier 21 A/M
- High-speed carrier transport
- 16 mm film in ANSI or
  3M type cartridges
- Typically used with image-marked film
- Optional high-speed shutter assembly available
- Interface board ordered separately

Universal Carrier UC2
- Semi-automatic load
- Odometer included
- Accepts
  • Open-reel 16 and 35 mm film
  • Fiche, jackets or aperture cards
- Interface board included

Fiche Carrier 5
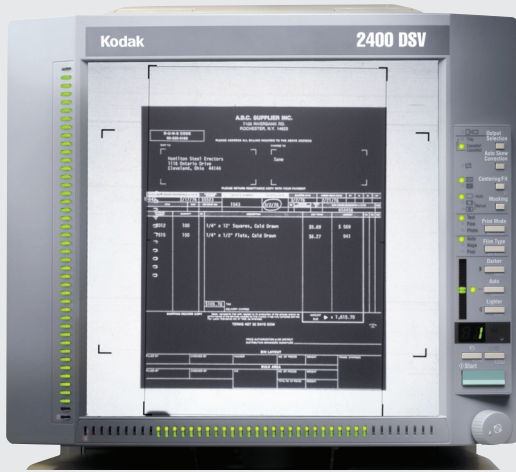- For manual use with fiche, jackets or aperture cards

Carrier 9B
- Open-reel 16 or 35 mm film
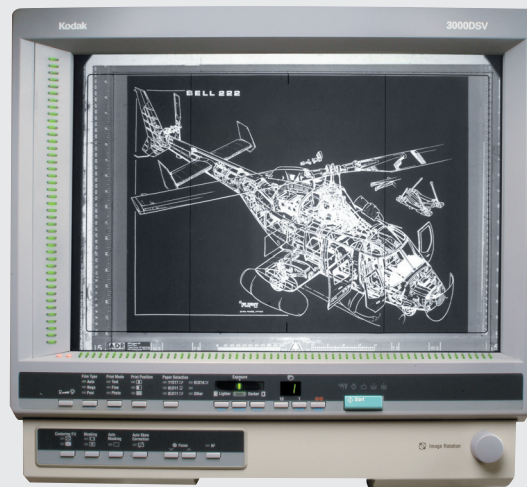- Semiautomatic load
- Interface board included

Automatic Card Feeder 7 – ACF*
- Single or 150 card input
- Automated feeder
- Preview and scan mode
- Interface board included

*Recommended for use with the 3000DSV-E only

Shown with manual masking kit installed

Designed for operator efficiency. Both digital scanner-printers have front panel controls within easy reach. Operators can switch from printing to scanning to PC at the touch of a button. High-resolution, anti-glare screens with adjustable brightness settings minimize eye fatigue.

Both models feature:

- PC and Video Printer Interface
    - Video printer cable and SCSI cable are included with mainframe

- Accepts all common carriers and your choice of two Intelligent Controllers for 16 mm image-marked film

- Prints to optional high-speed (20 ppm) video laser printer, delivering 11x17/letter/legal/A3/A4 size prints
    - Electronic Zooming control allows printing from 50-200%

- Image distortion correction

- Energy Star "Power Saver"

- Date and time printing on printed pages

- Automatic image rotation and skew correction are standard

- Choice of optional interchangeable zoom lenses

- Kodak installation

- Maximum productivity and efficiency through KODAK Service & Support worldwide

- Options available:
    - 256-level grayscale output to PC
    - Manual masking kit
    - POWERFILM Software

The Reference Archive System

It's easy to implement a reference archive as part of your overall records management strategy. Improve your integrity and cost-effectiveness while providing continuous access. Ask your Authorized Reseller of KODAK Products to show you how.

Reference Archive
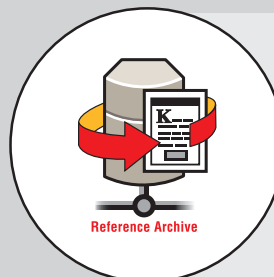
Digital Products High-performance network computer peripherals.
Robust Digital Processing Load, store and retrieve digital documents with ease.
It's Analog Documents you can see! No technology required.
Trustworthy and Secure Documents held in a legally acceptable state. Accessible only when you need them to be.

Specifications

2400DSV-E and 3000DSV-E

Screen Size	2400DSV-E: 12" x 12" (303 x 303 mm)
	3000DSV-E: 12" x 17" (303 x 440 mm)
Film Formats	Microfiche, jackets, aperture cards,16 & 35 mm roll film, 16 mm M & ANSI cartridges
Lens Magnifications	2400DSV-E: 7.5x fixed, 9-16x, 13-27x, 23-50x zoom lenses
	3000DSV-E: 20-50x zoom lens, 7-7.5x engineering zoom lens
Focus Control	2400DSV-E: Manual
	3000DSV-E: Manual (optional auto-focus kit where available)
Image Rotation	Automatic for printing; motorized for viewing
Scanning Speeds	4.5 seconds @ 200 dpi
Scanning Resolutions	200, 300, 400, 600, 800 dpi (restricted image size)
Recommended Daily Volume	2400DSV-E: 300 scans per day
	3000DSV-E: 1000+ scans per day
Electronic Zoom	50-200%
Multiple Prints	2400DSV-E: 1-19 prints
	3000DSV-E: 1-99 prints
Interfaces	Video (direct printing); PC (SCSI II)
Exposure Control	Automatic & manual
Scanning Features	Auto centering, auto frame masking, auto image rotation, auto skew correction, footswitch (optional), grayscale scanning (with POWERFILM only), manual masking & cropping (optional)
Illumination	20 V, 150 W halogen
Power Requirements	120 V, 50/60 Hz; 230 V, 50/60 Hz; 100 V, 50/60 Hz
Power Consumption	350 W

POWERFILM Application Software

Operating System	WINDOWS 2000*, XP Professional
PC Minimum Requirements	PENTIUM III with 256 MB RAM, 20 GB hard drive, PCI video card with 16 MB RAM, 17" monitor
Supported SCSI Boards	ADAPTEC 2940 or 2930 or 2904 SCSI Controller 2390 or 2490 recommended for grayscale scanning

11x17/Letter/Legal/A3/A4 High-speed video laser printing

Printer Type	Laser electrostatic
Developing System	Micro-toning
Print Resolution	400/600 dpi
Power Requirements	120 V 60 Hz, 230 V 50/60 Hz (market-specific)
Power Consumption	750 W
Dimensions	Height: 16" (409 mm), Width: 22" (561 mm) Depth: 20" (521 mm), Weight: 61 lbs. (28 kgs)

*CD Retrieve will run on WINDOWS 98SE, WINDOWS NT4 or WINDOWS 2000. POWERFILM Software, Version 5 will run on WINDOWS NT4 and WINDOWS 2000 only when using the 2400DSV-E or 3000DSV-E.

For more information visit: www.kodak.com/go/di

If you're looking for a complete technology upgrade, you may want to consider a KODAK i7300 Scanner. For more information, log on to www.kodak.com/go/di.

• **Weight: 39 kgs (86 lbs.)**
• **Depth: 821 mm (32 in.)**
• **Width: 503 mm (19 in.)**
• **Height: 716 mm (28 in.)**

2400DSV-E
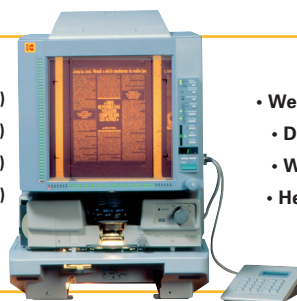
• **Weight: 65 kgs (143 lbs.)**
• **Depth: 760 mm (30 in.)**
• **Width: 560 mm (22 in.)**
• **Height: 853 mm (33 in.)**

3000DSV-E
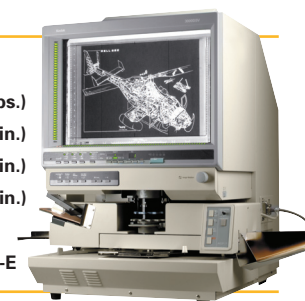
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Innovation you can count on™