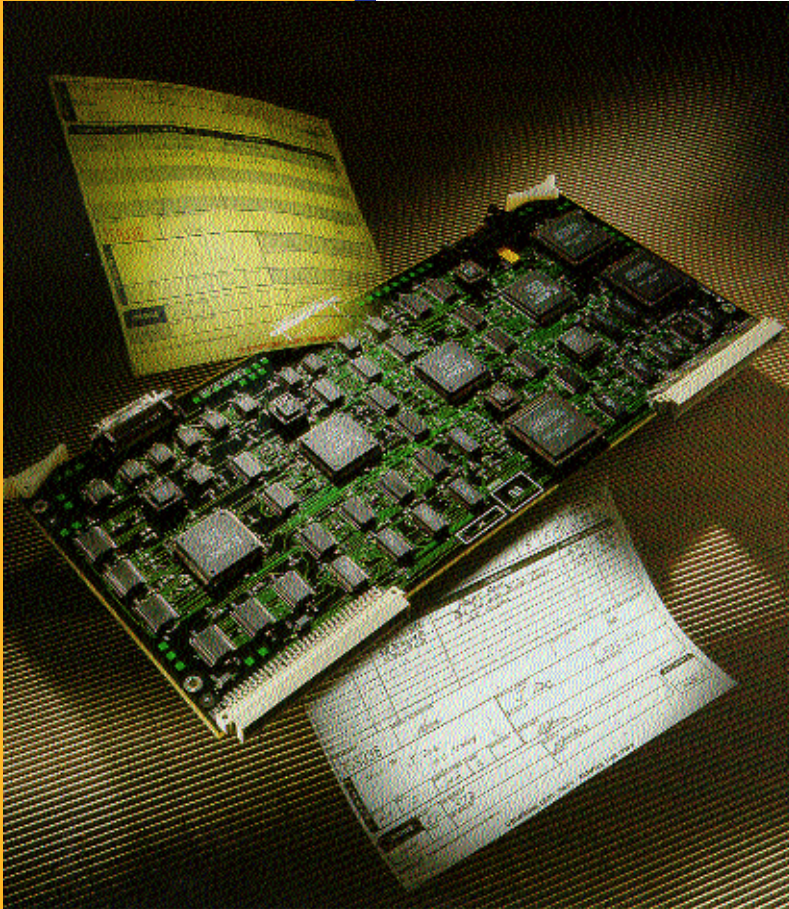




Adaptive Threshold Processor



**Crank up
your
volume.
Turn down
the noise.**

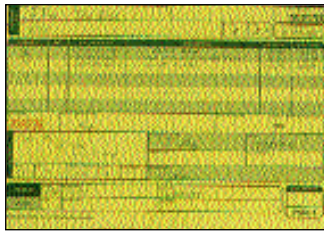
Clean, sharp images. Decreased noise. In-line image processing. Less rescanning. All of these improvements are yours with the *Kodak Digital Science™* Adaptive Threshold Processor. It enables you to increase the flow of documents—in varying background colors and printing densities—without any pre-sorting. The result: you'll get clean-looking images that are easier to read. Document rescanning will be significantly reduced, along with labor costs. And, in many cases, compression is improved, so you'll get smaller file sizes.

An exclusive algorithm built into the Adaptive Threshold Processor dramatically improves the dynamic thresholding capabilities of *Kodak Imagemark™* Scanners. This eliminates the need to sort documents by background color, print density, and quality. You can scan light and dark text documents intermixed, yet produce uniform, outstanding images.

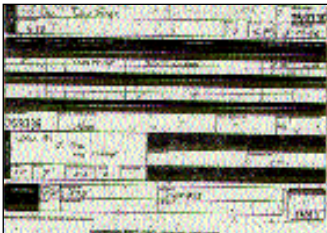
The Adaptive Threshold Processor is an accessory board that provides true in-line image processing. No need for any post-image processing. What's more, it operates at full scanning speed. In short, you'll save time in image processing and receive crisp, clean image quality.

The *Kodak Digital Science* Adaptive Threshold Processor is an investment that will pay for itself many times over.

Kodak Digital Science Adaptive Threshold Processor



Original document



Scanned without adaptive thresholding algorithm



Scanned with the Kodak Digital Science Adaptive Threshold Processor

FEATURES/BENEFITS

- *Improved image quality. Decreased image noise.* Kodak's state-of-the-art algorithm contains intelligent filters that dramatically lower the amount of image noise and produce sharper, cleaner scans. The filters also minimize artifacts on white-to-black and black-to-white transitions. And less noise means image compression algorithms can further compress images, lowering your storage space requirements.
- *Reduced document pre-sorting.* The Adaptive Threshold Processor virtually eliminates the need to sort mixed-batch documents by auto-

matically compensating for poor-contrast images. As a result, it will save you time in document preparation, scanning, and retrieval. And it will lead to higher productivity.

- *In-line document processing.* With the Adaptive Threshold Processor, there's no post-processing work. All of the image processing is managed within your scanner, saving you time and labor. There's no need to operate additional image processing boards that may require complicated, time-consuming integration steps.
- *Supports documents of varying image quality.* The proprietary Kodak algorithm allows you to process poor-quality and low-contrast images, such as carbonless multi-part forms, faxes, and multiple generation copies, at high speeds, giving you greater flexibility.
- *Seamless integration.* This algorithm is contained on a single board. It supports the same imaging parameters as Kodak scanners. So it can be added into your environment with ease.
- *Fast throughput of gray-scale images.* The adaptive threshold algorithm processes 8-bit gray-scale images, providing you with sharper-looking images at full processing speed without post-processing.
- *Simplex and duplex scanning.* The use of dual Adaptive Threshold Processors enables you to perform duplex scanning at full speed.

APPLICATIONS

The *Kodak Digital Science* Adaptive Threshold Processor is available for all *Kodak Imagemark* Scanners. It is designed for a broad range of mid-to high-volume document processing applications and minimizes the need to adjust image processing parameters for many input documents—even ones

with attachments. For example, medical claim forms are often submitted with cash register receipts and prescription forms. The Adaptive Threshold Processor allows you to scan them with the main document, so you don't have to worry about pre-sorting.

For more information about this or other Kodak products or services, please contact your local Kodak office or an authorized value-added reseller of Kodak products.



For manufacturing of imaging equipment.

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Business Imaging Systems
Rochester, NY 14653
1-800-243-8811

KODAK CANADA INC.
Business Imaging Systems
Toronto, Ontario M6M 1V3
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In other areas contact the Kodak company serving your country or Eastman Kodak Company, Business Imaging Systems, International Markets, Rochester, NY 14650-0811, U.S.A.

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BUSINESS
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