



## Document Scanner 7520

# Scans in overdrive. Perfect Page enabled.



Document Scanner 7520 shown with optional console.

The *Kodak Digital Science™* Document Scanner 7520 is designed with total productivity in mind. On-board image processing and advanced document feeding technology mean that the first scan is the only scan needed. That's what Perfect Page is all about—feed a page in and get a perfect image back at full production speed. With the Document Scanner 7520, you don't have to worry about time-wasting rescans or additional processing in software. You'll be able to cruise through daily scanning volumes up to 24,000 pages with ease. This update of a proven high-volume platform combines image quality, productivity, reliability, and affordability like never before.

#### **BUILT-IN IMAGE PROCESSING CAPABILITIES PROVIDE MORE THROUGHPUT WITH LESS SCANNING**

The Document Scanner 7520 comes packaged with a host of image processing features. Adaptive Threshold Processing algorithms help compensate for variations in document background and character density for improved image quality without operator intervention. The Document Image Manager detects skew and corrects the images at production speeds. When you factor in error diffusion capability, Contour Tracing (patent pending) edge detection, and Kodak's advanced document feeding technology, you've achieved Perfect Page—distinctive image quality plus maximum productivity.

#### **A PROVEN FOUNDATION OF RELIABILITY**

Kodak is the market-leading manufacturer of production scanners, in large part because of advanced document feeding technology. The robust paper transport of the Document Scanner 7520 handles an unsurpassed range of document

sizes, thicknesses, and surface quality to minimize stoppages and the need for exception scanning. Advanced document feeding technology enables mixed-document feeding, reducing document preparation and operator time and labor costs.

And your scanning reliability will be backed by a worldwide service and technical support network to help assure maximum uptime and the most pages scanned per shift.

#### **PRODUCTIVE SCANNING YOU CAN DEPEND ON**

The Document Scanner 7520 scans up to 120 pages per minute (A4 letter-size, landscape mode, 200 dpi)—equivalent to 240 images per minute in duplex mode. Simple controls, preprogrammed function keys, and available accessories help operators become efficient with little training. In a single pass, the Document Scanner 7520 can scan the fronts and backs of documents, and read bar codes and patches to reduce manual data entry, while printing information such as time/date or sequence number.

**Achieve Perfect Page Scanning with the *Kodak Digital Science* Document Scanner 7520.**

# Kodak Digital Science Document Scanner 7520

## STANDARD FEATURES

- Ergonomic location of controls, feeder, and output hopper helps operators remain comfortable and productive for long periods of time.
- Simple control panel, 18 image processing modes, and preset image processing templates provide an easy-to-use interface for even occasional operators.
- Semi-automatic feeder with self-centering feed guides and convenient exit hopper maximize operator productivity.
- Gap release lever accommodates exceptionally thick documents, such as filled envelopes.
- Short, J-path paper transport is highly reliable and gentle on source documents.
- Convenient doors provide easy access to transport.
- Automatic jam, skew, and overlap detection with audible event messages enhance transport efficiency.
- Computer-based diagnostics and modular design simplify service to minimize downtime.
- Dynamic adaptive thresholding enables uniform image quality from intermixed documents to eliminate sorting and reduce rescanning.
- The Document Image Manager provides in-line image processing at full scanner speeds. It detects and corrects skewed images, and provides automatic cropping and border reduction.
- Comprehensive image processing algorithms optimize image quality.
- On-board image compression supports Group III and IV.
- Selectable resolution from 70 to 300 dpi accommodates a range of applications.
- Supports industry-standard SCSI-2 interface.

## OPTIONAL ACCESSORIES

- *Kodak Digital Science* Automatic Document Feeder holds up to 300 sheets and allows operators to load the scanner, start it, and let it run while preparing the next batch.
- *Kodak Digital Science* Patch Reader 5000/7000 reads predefined patches on documents to automatically maintain hierarchical document and batch structure.
- *Kodak Digital Science* Bar Code Reader 5000/7000 recognizes data encoded on documents for transfer to the host system as part of the Image Header. Recognizes Code 3 of 9, Interleaved 2 of 5, and Codabar; can read multiple codes per page.

- *Kodak Digital Science* Document Printer 5000/7000 prints information on scanned documents for identification and tracking.
- *Kodak Digital Science* Footswitch allows hands-free operation for enhanced user productivity.
- *Kodak Digital Science* Universal Console adds to utility and operator efficiency.

**All Document Scanner 7520 accessories function at full transport speed.**

## SPECIFICATIONS

### Document characteristics

Length: 6.4 to 76.8 cm (2.5 to 30 in.)  
Width: 6.4 to 30.5 cm (2.5 to 12 in.)  
Thickness: up to .036 cm (.014 in.)

### Host connection

Via SCSI-2 interface with Image Header.

### Interface support

*Kodak Digital Science* High-Volume Capture Software  
Kofax  
ISIS drivers  
TWAIN drivers

### Imaging

Resolution: Scalable from 70 to 300 dpi in 10 dpi increments

Format: CCITT Group III or IV compressed or uncompressed

Processing: Pixel compensation, image enhancement, adaptive thresholding, error diffusion, compression

### Transport

Type: Ball bearing and belt

Daily duty cycle: Unlimited (typical document volumes up to 24,000 pages per 8-hour shift.)

Speed: 200 dpi landscape mode, A4 letter

- up to 120 pages per minute (90 ppm in portrait mode)
- up to 240 images per minute (duplex)

300 dpi landscape, A4 letter

- up to 80 pages per minute (60 ppm in portrait mode)
- up to 160 images per minute (duplex)

Other: Detects jam, skew, and document overlap conditions

### Service

Laptop computer diagnostics via RS-232 port and SCSI-2 port

### Environmental requirements

Temperature: 15 to 30°C (59 to 86°F)

Relative humidity: 15 to 76%

Acoustical emissions: < 67 dB during operation  
< 62 dB while idle

Heat dissipation: 1700 Btu/hr

## Dimensions

Height: 43 cm (16.9 in.)  
Width: 54 cm (21.3 in.) without console  
132.5 cm (52.3 in.) with console  
Depth: 73.2 cm (28.8 in.)  
Weight: 86 kg (190 lbs.)

## Electrical requirements

V AC	Hz/Cycles	Amps
100 V	50/60, 1 phase	5
120 V	60, 1 phase	5
220-240 V	50, 1 phase	3

## Agency approvals

UL 1950 CSA #C22.2  
NO 850-M1989 EN 60 950  
IEC 950 TÜV  
FCC Class A DOC  
VCCI Class A VDE Class B  
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