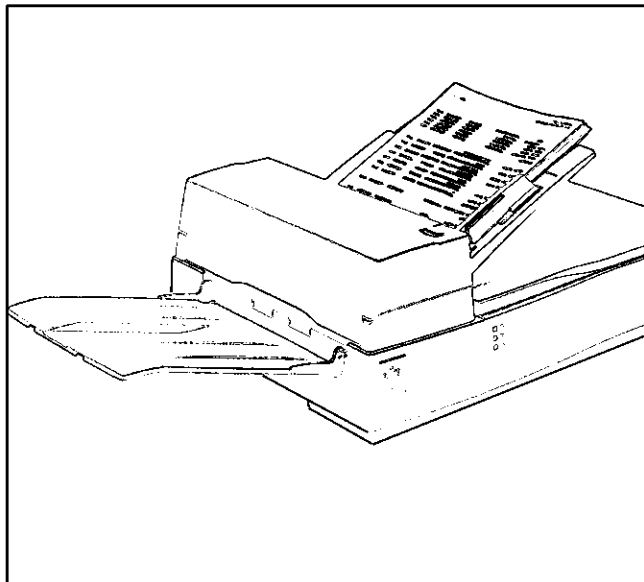


# M3093DE Mid-range Duplex Document Scanner

Convenient High-Performance Scanning

# FUJITSU



The M3093DE image scanner extends the uncompromising quality, performance and flexibility of Fujitsu document scanners to the department and workgroup.

- Industry's first high performance mid-range duplex scanner to combine flatbed support with a standard automatic document feeder for unsurpassed convenience
- Industry's first dual CCD technology based scanner which offers output resolution up to 600 dots per inch (dpi)
- Enhancement Technology™ (ET) with IPC-2D board, including dynamic thresholding and automatic separation for advanced image enhancement
- RS232C/video interface for easy connection with leading controllers
- ScanRight® Image Kit - an abundance of tools and information, and free cleaning kit coupon, to enhance scanner use



**Experience** how your organization will benefit from using document imaging on a broader scale. What if every department or workgroup could afford quality, high performance duplex document scanning? Where could you improve productivity, response time, and competitiveness? How would you lower costs? The mid-range Fujitsu M3093DE opens up a world of new possibilities.

**High Performance**

At speeds of 27 pages per minute (ppm) in simplex and 45 images per minute (ipm) in duplex mode, the Fujitsu M3093DE offers high performance at a mid-range price. A

50-page automatic document feeder allows continuous scanning and improves operator productivity.

**Quality Results**

Dual CCDs provide high quality imaging and allow up to 600 dpi enhanced resolution with addition of 8MB memory. Sophisticated dithering and error diffusion algorithms improve half-tone rendering. The M3093DE is available with Fujitsu's proven Enhancement Technology (ET) implemented through the IPC-2D option. The IPC-2D card supports dynamic thresholding, image emphasis, OCR smoothing and noise removal as well as other features. An expansion slot accepts future enhancements from Fujitsu and others.

**Convenient Operation**

Fujitsu's ScanRight Image Kit includes software that is simple to operate and gets your scanner up and running quickly. The duplex document feeder supports paper sizes from A6 (4.1 in. x 5.8 in.) to letter and legal sizes. Dual CCDs scan both sides at once to reduce paper handling and improve accuracy. Memory expansion is simple using common 72 pin PC SIMMs.

**Broad Compatibility and Support**

The M3093DE is completely compatible with existing Fujitsu scanners and interface boards. Use it as a stand-alone, as part of a larger system, or to create special applications. A standard RS232C/video interface allows simple interfacing with leading controllers. The M3093DE also works seamlessly with complete document management systems.

**About Fujitsu Computer Products of America**

Fujitsu Computer Products of America, Inc. is part of \$36-billion Fujitsu Limited, the world's second largest computer company. Responsible for high-quality input, output and storage products in the United States, Fujitsu Computer Products is part of Fujitsu's worldwide design, development, manufacturing and marketing operations.

M3093DE Duplex Scanner Specifications	
Technology	Charge coupled device (CCD) image sensor
Output resolution	600, 400, 300, 240, 200, 150, 100 dpi
CCD resolution	400 dpi
Halftone patterns	4 resident dither patterns and error diffusion
Scanning speed (mechanical)	
Simplex:	27 ppm for A4 portrait at 200 dpi
Duplex:	45 ipm for A4 portrait at 200 dpi
Operating method	Flatbed and automatic document feeder (ADF)
Document size	
ADF minimum:	A6 (4.1 in. x 5.8 in.)
ADF maximum:	Legal (8.5 in. x 14 in.)
Flatbed maximum:	A4 (8.5 in. x 11.7 in.)
Maximum ADF capacity	50 sheets
Interface	RS232C + Video
Video output	Binary
Power requirements	100-120 VAC, 50/60 Hz
(auto-switching)	200-240 VAC, 50/60 Hz
Power consumption	100VA or less
Operating environment	
Temperature:	5°C-35°C
Relative humidity:	20%-80%
Dimensions (HxWxD)	7.75 in. x 20.8 in. x 14.8 in.
Weight	33 lbs.
Options	IPC-2D board with the following functions: Dynamic threshold Spot noise removal OCR smoothing Filtering Automatic separation photo/text Image emphasis Reverse image Zooming: 25%-200% by 1% steps Outline extraction Mirror image Expandable to 12MB memory



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