

THE POSSIBILITIES ARE INFINITE



A3 COLOR
DUPLEX
DOCUMENT
SCANNER

fi-5900C Image Scanner

A3 Scanner



- A3
- ADF
- DUPLEX
- COLOR
- Ultra sonic sensor
- Ultra wide SCSI
- USB 2.0
- Mono. 200 A4 ipm
- Color 200 A4 ipm
- 600 dpi

- Win XP
- Win 2000 Professional
- WinNT4.0 (SCSI Only)
- Win Me (SCSI/USB Only)
- Win98SE (SCSI/USB Only)
- Win 9 8 (SCSI/USB Only)
- Win 95 (SCSI Only)



Adobe Bundled!
Acrobat 7.0
Standard

● Convert any document to a PDF file

for Microsoft® Windows® Operating Systems



● FUJITSU TWAIN Driver



QUALITY SCANNER

As an ENERGYSTAR® partner, PFU Limited, a Fujitsu company, has determined that this product meets the ENERGYSTAR® guidelines for energy efficient. ENERGYSTAR® is a registered trademark in the United States.

fi-5900C Image Scanner

New and improved features

■ Able to scan an incredible 100 double-sided pages per minute! (300dpi)

Use of high speed CCD image sensors along with the latest in image processing circuitry enables the fi-5900C to scan color A4 documents at a speedy 100ppm/200ipm (300dpi). Incorporating all of this technology into the fi-5900C enables it to digitize an incredible one hundred thousand pages a day.

■ Efficient pre and post scanning processing!

The fi-5900C's ability to scan mixed batch documents containing paper of varying sizes, weights and colors virtually eliminates pre-scanning preparation needs. Also, the fi-5900C is equipped with an "active stacking tray" that automatically maintains a constant height, ensuring that scanned documents are always stacked in a neat and orderly fashion. The result is ever greater scanning efficiency for the user.



■ Eliminates multi-feed caused lost scanning time

The fi-5900C is armed with ultrasonic multi-feed detection sensors that detect whenever two or more sheets of paper have been simultaneously fed into the scanner. These sensors detect multi-feeds, even when scanning mixed batches containing paper of varying weights, sizes, colors and tones, thus guarding against potential scanning time losses before they even occur.

■ Image processing functions

The included Virtual ReScan (VRS) and unique image processing board enables users to:

- Convert documents containing colored backgrounds or shaded areas into highly legible monochrome images.
- Automatically delete blank pages, rotate images so that each one is facing the proper orientation and automatically control contrast.
- Suppress background noise and gradation to generate cleaner images that require less file size.
- Create excellent images—even if they are not imaging experts.

■ Pre and post imprinter options

Imprinter options have been offered for users with demanding document management and verification needs. The fi-5900C supports both an pre-imprinter (which prints on the front side of documents) and post-imprinter (which prints on the reverse-side of documents) option, both of which will greatly increase scanner usability.

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*ISIS is an EMC Corporation product.

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*Details relating to the product described in this pamphlet are subject to change without notice

TECHNICAL SPECIFICATIONS

Product name		FI-5900C
Scanner type		ADF (Automatic Document Feeder) + Manual Feed
Scanning modes		Simplex / Duplex, Color / Grayscale / Monochrome
Image sensor type		Color CCD (Charge-coupled device) x 2
Light source		White cold cathode discharge lamp
Scanning range		Maximum: A3 (portrait) (297mm x 420mm or 12in x 17in) Minimum: A8 (portrait) (53mm x 74mm or 2 in x 3in)
Paper weight (Thickness)		A4 / Letter size or Smaller: 31 to 209 g/m ² (8 to 56lb) Over A4 / Letter size: 52 to 157 g/m ² (14 to 42lb)
Scanning speed (A4, portrait) *1	Color *2	200dpi / 100ppm / 200ipm 300dpi / 100ppm / 200ipm (160ipm) *3
	Grayscale *2	200dpi / 100ppm / 200ipm
	Monochrome	300dpi / 100ppm / 200ipm
Paper chute capacity *4		500 sheets (A4: 80g/m ² or 21 lb)
Background colors		Black / White (switchable on command)
Optical resolution		600dpi
Output resolution *5	Color (24bit)	50 to 600dpi (adjustable by 1dpi increments)
	Grayscale (8bit)	VRS: 100 / 150 / 200 / 240 / 300 / 400dpi
	Monochrome (1 bit)	
Output format		Color: 24 bit , Grayscale: 8bit, Monochrome: 1bit
AD converter		1024 levels (10bit)
Interface *6		Ultra-wide SCSI / USB2.0 / VRS *7 (Selectable)
Connector shape		SCSI: Shield type 68pin (pin type) , USB: B type
Output mode (half-tone)		Dither / Error diffusion
Voltage or voltage range		AC 100 to 240V, +10% / -10%
Power		Operating: 250W or less (Sleep mode: less than 12W)
Operational environment		Temperature: 15 to 35°C (59 to 95°F) Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height *8		540mm x 540mm x 500mm (21.3in x 21.3in x 19.7in)
Weight		50 kg (110lb)
SCSI Terminator		Built-in
Included drivers *9		TWAIN, ISIS™
Environmental compatibility		ENERGY STAR® and RoHS *10
Others	Multi-feed detection	Yes (Standard) ultrasonic multi-feed detection sensors x 3
	Long paper scanning *11	863mm (34 in)
	Paper counter	Yes

*1 Actual scanning speeds are affected by data transmission and software processing times.

*2 JPEG compressed figures.

*3 Actual scanning speed when using VRS.

*4 Maximum capacity varies, depending upon paper weight.

*5 Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.

*6 Ultra-wide SCSI interface cannot be used simultaneously with USB2.0.

*7 VRS is supported by Windows XP Professional and Windows 2000 Professional operating systems.

*8 Excluding the ADF paper chute and stacker.

*9 ISIS™ does not support Windows 95.

*10 PFU limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005 / 95 / EC).

*11 The fi-5900C is capable of scanning documents that exceed A3 sheets in length.

Options

Description	Parts number	Comments
Pre Imprinter (FI-590PRF)	PA03450-D700	The imprinter option enables users to print information on original documents for document management purposes. While the FI-590PRF (pre imprinter) prints information on the front of documents prior to scanning, the FI-590PRB (post imprinter) prints information on the back of the original documents after they have been scanned. Although both the FI-590PRF and the FI-590PRB may be attached to the same scanner unit, both imprinters cannot be used simultaneously.
Post Imprinter (FI-590PRB)	PA03450-D710	

Consumables

Description	Parts number	Comments
Pick Roller	PA03450-K011	Lifetime: Every 600,000 sheets or one year These rollers feed documents into the scanner.
Separator Roller	PA03450-K012	Lifetime: Every 600,000 sheets or one year These rollers feed documents through the scanner.
Brake Roller	PA03450-K013	Lifetime: Every 600,000 sheets or one year These rollers separate documents as they are being fed into the scanner.
Pad Assy	PA03450-K014	Lifetime: Every 600,000 sheets or one year These rubber parts separate documents.
Print Cartridge	CA00050-O262	Lifetime: 4,000,000 printed characters For use with fi-590PRF and fi-590PRB imprinters.

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