THE POSSIBILITIES ARE INFINITE

FUJITSU

A3 COLOR DUPLEX DOCUMENT SCANNER

Image Scanner
fi-5900C

A3 Scanner

A3	ADF	DUPLEX	COLOR	Ultra sonic sensor	Ultra wide SCSI	USB 2.0	Color 125 A4 ppm*	Mono. 125 A4 ppm*	600 dpi

* A4 Landscape 200dpi

WinVista	Win XP	Win Server 2003/2008	Win 2000 Professional	WinNT4.0 (SCSI Only)	Win Me (SCSI/USB Only)	Win 98 SE (SCSI/USB Only)	Win 98 (SCSI/USB Only)	Win 95 (SCSI Only)

* Windows Vista™ and Windows Server™ 2003/2008 compatible TWAIN drivers are only available as web downloads.
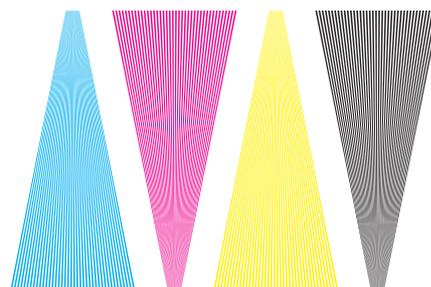
Adobe® Bundled!
Acrobat® Standard

● Convert any document to a PDF file

for Microsoft® Windows® Operating Systems

TWAIN
Linking Images With Applications

● FUJITSU TWAIN Driver

POWERED BY ISIS™

energy ENERGY STAR

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.

QUALITY SCANNER

fi-5900C   *Image Scanner*

TECHNICAL SPECIFICATIONS

New and improved features

■ **Able to scan an incredible 125 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 (landscape) at a speedy 125ppm/250ipm (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 again potential scanning time loses before they even occur.

■ **Includes the newest "ScandAll PRO" image capturing software**
"ScandAll PRO" image capturing software is loaded with many useful scanning supporting functions.
Major features:
-High speed image display, multi-image display and thumbnail image display
-Searchable PDF, compressed PDF, password protected PDF, single page display PDF and PDF/A (ISO-19005-1)

■ **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.

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
Document size	Maximum: A3 Portrait (297 x 420mm or 12 x 17in.) Minimum: A8 Portrait (53 x 74mm or 2 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 Landscape) [1]	Color [2]	200dpi	125ppm / 250ipm (120ppm / 230ipm) [3]
		300dpi	125ppm / 250ipm (120ppm / 160ipm) [3]
	Grayscale [2] Monochrome	200dpi	125ppm / 250ipm (120ppm / 240ipm) [3]
		300dpi	
Scanning speed (A4 Portrait) [1]	Color [2]	200dpi	100ppm / 200ipm (100ppm / 200ipm) [3]
		300dpi	100ppm / 200ipm (100ppm / 160ipm) [3]
	Grayscale [2] Monochrome	200dpi	100ppm / 200ipm (100ppm / 200ipm) [3]
		300dpi	

Paper chute capacity (A4 Landscape)[4]	500 sheets (A4: 80g/m^2 or 21 lb)
Background colors	White / Black (Selectable)
Optical resolution	600dpi

Output resolution [5]	Color (24bit)	50 to 600dpi (adjustable by 1dpi increments) VRS: 100 /150 / 200 / 240 / 300 / 400dpi
	Grayscale (8bit)	
	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 7W)
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]	540 x 540 x 500mm (21.3 x 21.3 x 19.7in.)
Weight	50 kg (110lb)
SCSI Terminator	Built-in
Included drivers [9]	TWAIN, ISIS™
Environmental compatibility [10]	ENERGY STAR® and RoHS

Others	Multi-feed detection	Yes (Standard) ultrasonic multi-feed detection sensors x 3
	Long paper scanning [11]	863mm (34 in.)

Included items	Document smoother, AC cable, USB cable, Setup CD-ROM, Adobe® Acrobat® DVD-ROM, Getting Started, QuickScan™ Pro brochure, Operator panel overlay, fi-5900C Convenient Operation, VRS CD-ROM

[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 reverse-side of 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	PA03450-K014	Lifetime: Every 600,000 sheets or one year These rubber parts separate documents.
Print Cartridge	CA00050-0262	Lifetime: 4,000,000 printed characters FI-590PRF and FI-590PRB print head