_fi-5950_

The fi-Series flagship model breaks new ground in scanning performance with ultra-fast CCD and image processing technologies

- High speed 135ppm (270ipm) scanning
- Reliable document feeding mechanism
- Comes loaded with Kofax VRS Professional
- Labor-saving "Intelligent" functions
- Bundled software optimizes productivity
- Pre and post imprinters (sold separately)

■Features

■Ultra-fast 135ppm/270ipm scanning speed with high quality image processing
The fi-5950 is the fastest scanner in its class, delivering an incredible 135ppm/270ipm for A4 size documents (200/300dpi, landscape). Ultra-fast CCD and image processing technologies give this production scanner a high volume throughput of approximately 100,000 sheets per day (operating at full capacity for 24 hours).

■Reliable document feeding mechanism guards against document damage and misfeeds
The fi-5950 inherits the highly reliable feeding mechanism of its predecessor. That includes established fi-Series features like Paper Protection and Multifeed Detection which tackle potential feed problems to these and other advanced functions.

■Highly versatile and powerful image processing
The fi-5950 comes loaded with Kofax VRS Professional, the industry standard in image processing technology. Even documents with dark colored backgrounds or smudges, after going through real time VRS image processing, are digitized into amazingly clear images.

■Labor-saving "Intelligent" functions
The fi-5950 comes loaded with "Intelligent" functions that significantly reduce the workload of the user before and after scanning.

● **Automatic Paper Size Detection/ Auto Color Detection/ Blank Page Deletion ***
Scan a batch of documents of various sizes and types into optimized images without having to sort them beforehand thanks to these and other advanced functions. *The ISIS driver does not support this feature

● **Intelligent Multifeed**
The Intelligent Multifeed function instructs the scanner to suspend multifeed detection for layered documents that meet specific conditions. This means stress free scanning for users who frequently handle documents with attached materials such as photos and memos.

■Bundled software optimizes productivity
The fi-5950 comes bundled with feature enhancing software including VRS Professional and ScandAll PRO which make scanning tasks truly efficient.

■ScandAll PRO
● **Bringing complete automation to scanning tasks**
The job separation function of ScandAll PRO uses the labor-saving batch scanning feature of the fi-5950 together with user-created document divider sheets with printed patch codes or bar codes that give specific instructions to the scanner. The result is completely automated scanner operation when the user wants to carry out different scanning tasks in a very short time.
● **Utilizing digitized data through OCR technology**
ScandAll PRO features advanced OCR technology which accurately analyzes digitized data from documents during scanning, and uses the data to produce searchable PDF files, automatically generate filenames and carry out other helpful applications.

■VRS Professional
● **Selectable Multifeed Recovery**
The Selectable Multifeed Recovery function displays multifeed scans on the computer screen, and gives the user the option to either save or delete the multifeed image data. This makes reloading and rescanning documents with attached photos and memos unnecessary, bringing added convenience and smooth scanner operation to the user.

■Pre and post imprinters (sold separately)
Imprinters are invaluable for forms management and document tracking purposes. Two imprinter options are available for the fi-5950: the Pre Imprinter which prints information on front side of documents prior to scanning and the Post Imprinter which prints information on the reverse side of documents after they have been scanned. Using these imprinters with the fi-5950 is sure raise document administration efficiency at the office to new levels.

Kofax VRS (Virtual ReScan) Professional for Production bundled
* VRS verification and adjustment features generate perfect images every time.
* The ability to efficiently digitize large volumes of documents dramatically improves scanning productivity.
* Easy to use. Automated functions remove the need for skilled scanner operators.

■Technical Specifications

Product name	FI-5950
Supported operating systems	Windows® 7(32bit/64bit), Windows Vista™(32bit/64bit), Windows Server™ 2003/2008(32bit/64bit),Windows® XP(32bit/64bit) Windows® 2000 Professional [VRS] Windows® 7(32bit/64bit), Windows Vista™(32bit/64bit), Windows® XP Professional(32bit), Windows® 2000 Professional
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 (front x 1, back x 1)
Light source	White cold cathode discharge lamp x 4 (front x 2, back x 2)
Document size	Maximum: A3 (297 x 420mm or 12 x 17in.) (Long page scanning: 3,048mm (120in.)) Minimum: A8 Portrait (52 x 74mm or 2 x 3in.)
Paper weight (Thickness)	A4 / Letter size or Smaller: 0.04 to 0.25mm (31 to 209g/m², or 8.3 to 56lb) Over A4 / Letter size: 0.064 to 0.19mm (52 to 157g/m², or 14 to 42lb)

Scanning speed (A4,Landscape)[1]	Color [2]	Simplex : 135ppm (200,300dpi), Duplex: 270ipm (200,300dpi) (*With CGA board: Duplex: 250ipm (300dpi,Color) [3])
	Grayscale [2]	
	Monochrome	

Scanning speed (A4,Portrait)[1]	Color [2]	Simplex : 105ppm (200,300dpi), Duplex: 210ipm (200,300dpi) (*With CGA board: Simplex: 100ppm (300dpi), Duplex: 200ipm (300dpi) [3])
	Grayscale [2]	
	Monochrome	

Paper chute capacity (A4 Landscape) [4]	500 sheets (A4: 80g/m² or 20lb)
Expected daily volume	60,000 to 100,000 sheets/day
Background colors	White / Black (Selectable)
Optical resolution	600dpi

Output resolution[5]	Color (24bit)	50 to 600dpi (adjustable by 1dpi increments) (*With CGA board: 100 / 150 / 200 / 240 / 300 / 400dpi)
	Grayscale (8bit)	
	Monochrome (1bit)	

Output format	Color:24bit,8bit,4bit[6] Grayscale:8bit,4bit Monochrome:1bit
Internal video processing	1,024 levels (10bit)
Interface[7]	Ultra Wide SCSI, USB2.0 *With CGA board: Ultra Wide SCSI[8], USB2.0(Selectable)
Connector shape	Ultra Wide SCSI: Shield type 68pin (pin type) , USB: B type *With CGA board: Ultra Wide SCSI: Shield type 68pin(pin type), USB: B type
SCSI Terminator	Built-in
Image processing functions	Auto color detection, Multi image, Blank page skip (Binary), Temporary auto Binary, Error diffusion, Dither, De-Skew, Auto-Crop [VRS] Auto color detection, Blank page skip, De-Skew, Auto-Crop, Background smoothing, Auto Orientation
Power requirements	AC 100 to 240V ±10%
Power consumption	Operating: Less than 250W Sleep mode: Less than 6W (at Standard I/F), Less than 7W (at CGA Board I/F)
Operating environment	Temperature: 15 to 35℃ (59 to 95°F) Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height[9]	540 x 540 x 500mm (21.3 x 21.3 x 19.7in.) Installation space: 940 x 1740 x 500mm (37.0 x 68.5 x 19.7in.)
Weight	50kg (110lb)
Included software / drivers	TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro Demo, Image Processing software, Kofax® VRS Professional, Scan to Microsoft SharePoint
Environmental compliance	ENERGY STAR® and RoHS [10]

Others	Multi-feed detection	Yes (Standard) ultrasonic multi-feed detection sensor x 3
	Long page scanning [11]	3,048mm (120in.)

Included items	Document smoother, AC cable, USB cable, Setup DVD-ROM, Adobe® Acrobat® DVD-ROM, Getting Started, QuickScan™ Pro brochure, Operator panel overlay, fi-5950 Convenient Operation, Cleaning Guide

*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 8bit and 4bit image output through TWAIN driver.
*7 Ultra Wide SCSI interface cannot be used simultaneously with USB2.0.
*8 This interface does not support Windows® 7(64bit), Windows Vista™(64bit).
*9 Excluding the ADF hopper and stacker.
*10 PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2002/95/EC).
*11 Capable of scanning documents that exceed A3 size in length. For long page scanning with standard I/F: Documents that exceed 432mm (17in.) are limited to 400dpi for lengths up to 863mm (34in.). Documents between 863mm and 3,048mm (120in.) in length are limited to 200dpi. Multi-image documents up 432mm in length are limited to 400dpi. For long page scanning with VRS: Documents that exceed 432mm (17in.) are limited to 400dpi for lengths up to1,016mm (40in.).

■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

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⚠ Safety Precautions
● Be sure to carefully read all safety precautions prior to using this product and use this device as instructed.
● Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product.
● Be sure to limit the use of this product to listed power ratings.

PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

Please note that the scanning and printing of paper currency as well as stock and bond certificates is illegal. Specifications are subject to change without notice.