

High Speed Colour Duplex Scanner

# *fi*-5900C Image Scanner



240 images per minute scanning speed  
@300 dpi, Colour or B/W

Auto colour detection, blank page deletion,  
auto-cropping and auto de-skew

500 page feeder with Active Stacker for  
improved paper stacking

Zonal ultra-sonic double feed detection

Kofax VRS® 4.0 Plus hardware processing  
delivers excellent image quality

1 year on-site warranty



Adobe Acrobat  
7.0 Standard

**FUJITSU**

THE POSSIBILITIES ARE INFINITE



### Able to scan an incredible 120 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 colour letter documents at a speedy 120ppm/240ipm (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 colours 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, colours 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 coloured 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 pre-imprinter (which prints on the front side of documents) and post-imprinter (which prints on the reverse-side of documents) options, both of which will greatly increase scanner usability.

## TECHNICAL SPECIFICATIONS

<b>Scanner type</b>		ADF (Automatic Document Feeder) Manual feed; single page or continuous
<b>Scanning modes</b>		Simplex / Duplex, Colour / Greyscale / Monochrome
<b>Image sensor type</b>		Colour CCD (Charge-coupled device) x2
<b>Light source</b>		White cold cathode discharge lamp
<b>Scanning range</b>	<i>Minimum</i>	2" x 3"
	<i>Maximum</i>	12" x 34"
<b>Paper weight (Thickness)</b>	<i>Letter or smaller</i>	8 lb. to 56 lb.
	<i>Larger than Letter</i>	14 lb. to 42 lb.
<b>Scanning speed<sup>1</sup> (Letter, Landscape, 300 dpi)</b>		120 ppm / 240 ipm <sup>3</sup> (colour <sup>2</sup> , greyscale <sup>2</sup> , or monochrome)
<b>Paper chute capacity</b>		500 sheets (20 lb.)
<b>Background colors</b>		Black / White (switchable on command)
<b>Optical resolution</b>		600 dpi
<b>Output resolution<sup>4</sup> (Colour/Greyscale/Monochrome)</b>		TWAIN/ISIS: 50 to 600 dpi (adjustable by 1 dpi increments) VRS <sup>8</sup> : 100 /150 / 200 / 240 / 300 / 400 dpi
<b>Output format</b>		Colour: 24 bit, Greyscale: 8 bit, Monochrome: 1 bit
<b>AD converter</b>		1,024 levels (10 bit)
<b>Interface<sup>5</sup></b>		Ultra-wide SCSI / USB2.0 / Kofax VRS SCSI / Kofax VRS USB
<b>Connector shape</b>	<i>SCSI</i>	Shield type 68-pin (pin type)
	<i>USB</i>	B type
<b>Output mode (Half-tone)</b>		Dither / Error diffusion
<b>Voltage or voltage range</b>		AC 100 to 240V, +10% / -10%
<b>Power</b>	<i>Operating</i>	250W or less
	<i>Sleep mode</i>	Less than 12W
<b>Operational environment</b>	<i>Temperature</i>	15°C to 35°C (59°F to 95°F)
	<i>Relative humidity</i>	20% to 80% (Non-condensing)
<b>Dimensions<sup>6</sup> (W x D x H)</b>		540 mm x 540 mm x 500 mm (21.3" x 21.3" x 19.7")
<b>Weight</b>		50 kg (110 lb.)
<b>SCSI Terminator</b>		Built-in
<b>Environmental compatibility</b>		ENERGY STAR <sup>®</sup> and RoHS <sup>9</sup>
<b>Others</b>	<i>Multi-feed detection</i>	Yes (Standard); Ultrasonic multi-feed detection sensors x3
	<i>Paper counter</i>	Yes
	<i>Image processing</i>	Auto crop, auto deskew, auto colour detection, auto page orientation, blank page detection

## OPTIONS

<b>Pre imprinter (fi-590PRF)</b> PA03450-D700	The imprinter option enables users to print information on original documents for document management purposes.
<b>Post imprinter (fi-590PRB)</b> PA03450-D710	While the fi-590PRF prints information on the front of documents prior to scanning, the fi-590PRB 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.

## CONSUMABLES

<b>ScanAid kit</b> CG01000-518901	Up to 600,000 sheets or 1 year. The kit includes 1 pick roller, 1 separator roller, 1 pad assembly, and 1 cleaning kit.
--------------------------------------	--

## SERVICE OPTIONS

<b>Post warranty maintenance coverage</b>	Provides post warranty remedial maintenance.
---	--

## BUNDLED ITEMS

	USB cable, Adobe Acrobat 7.0 Standard, ScandAll 21, ISIS/TWAIN drivers, Kofax VRS 4.0 Plus.
--	---

## WARRANTY

	1 year on-site. Visit <a href="http://www.fujitsu.ca/warranty/scanner/">www.fujitsu.ca/warranty/scanner/</a> for more details.
--	---

1) Actual scanning speeds are affected by data transmission and software processing times. 2) JPEG compressed figures. 3) Actual scanning speed when using VRS may vary. 4) Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex. 5) Ultra-wide SCSI interface cannot be used simultaneously with USB2.0. 6) Excluding the ADF paper chute and stacker. 7) ISIS™ does not support Microsoft Windows 95. 8) PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005 / 95 / EC).

Fujitsu and the Fujitsu logo are registered trademarks of Fujitsu Limited. Adobe, Acrobat, Adobe PDF logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Kofax, VirtualReScan, Adrenaline and the "VRS VirtualReScan" logo are registered trademarks of Kofax Image Products. All the other trademarks mentioned herein are the property of their respective owners. Specifications are subject to change without notice.

© 2006 Fujitsu Canada, Inc. All rights reserved. FCI-12.04.2006-E