Document Scanners
fi-6800

fi-6800

ASSURANCE PROGRAM

- **130 ppm / 260 ipm at 300 dpi in colour and mono (A4 Landscape)**
- **New compact design**
- **Added features for even better automation powering efficiency**
  - **Patch Code and Barcode supported job separation**
  - **"Automatic Stacker" and "Automatic Image Quality Checker"**
  - **Excellent paper-feeding mechanism**

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fi-6800

fi-6800	500 Sheets	600 dpi	Simplex 130 ppm	Duplex 260 ipm	
	ADF				

The fi-6800 from Fujitsu. A unique and impressively fast A3 image scanner offering the best cost to performance ratio in the mid volume production class

The fi-6800 has been developed to provide a revolutionary solution for automation improvement, increased productivity, cost reduction and contribution to the environment whilst at the same time minimising time for the operator in both pre and post processing. Aimed at the mid volume document scanning markets, the fi-6800 offers high quality scanning performance and a compact ergonomic design.

Scanning speed and quality

The fi-6800 scanner can process documents speedily and reliably. In fact 130 pages per minute in mono, grayscale and colour and 260 images per minute in duplex (in A4 landscape mode) can be scanned at resolutions of up to 300 dpi. In A4 portrait mode the fi-6800 will comfortably scan in mono, grayscale and colour at 100 pages per minute and 200 images per minute at resolutions of up to 300 dpi. Optical resolutions of up to 600 dpi are achievable.

A typical daily throughput of 20,000 documents can be easily achieved and this duty cycle satisfies production level scanning requirements. If required, the fi-6800 is ready to process even up to 60,000 documents per day. The fi-6800 features custom made colour CCD image sensors and newly developed ultra bright white LED arrays as light source. This results in near-to-instant availability of the device after power-on.

The fi-6800 comes with a hopper that will take a maximum 500 A4 sheets at a weight of 80 g/m^2, ranging from 20 g/m^2 up to 209 g/m^2 (A4 – A5 format). The ADF hopper can handle mixed documents from as small as A8 (52 x 74 mm or 2 x 3 in) up to A3 (297 x 420 mm or 12 x 17 in) in size.

Compact and environmentally friendly

The hopper will fold away when not in use thereby helping to minimise the space taken up but also minimising the cleaning requirements of the scanner when compared with open devices. The fi-6800 reaches new heights when it comes to its compact nature. The footprint measures just 460 mm width by 430 mm depth enabling the device to sit comfortably on any desktop or office environment. Even its height compares favourably with other devices coming in at just 310 mm.

The fi-6800's new compact design makes it the smallest in its class taking up 53% less space and being 72% lighter than its predecessor.

Superior feeding and enhanced user experience

The fi-6800 supports new automatic functionalities that make scanner operating tasks even easier, faster and a lot more energy efficient.

- Group scan various documents with ease with Patch Code and Barcode recognition and 'Automatic Sorting'

The fi-6800 along with ScandAll Pro supports automatic job separation to help improve digitising efficiency. The bundled barcode and patch code reading functionality provides the ability to separate different jobs – or files – within the same batch. File and folder names can be created automatically. When using barcodes the herin encapsulated information can be used for file naming. This is additionally supported by ScandAll Pro triggering zonal OCR processes.

- Reduce the hassle of post-scan tasks with 'Automatic Stacker' and 'Automatic Image Quality Checker'

'Automatic Stacker' ensures all your scanned documents are stacked neatly and tidily while 'Automatic Image Quality Checker' detects any image irregularities (folds or tears in the scanned document) after scanning.

- An excellent paper-feed mechanism that guards against document damage and misaligned document feeds

The fi-6800 from Fujitsu features an incredibly reliable paper-feed mechanism which is derived from Fujitsu's top of the line fi-5900C model. Utilising fi-series renowned 'Paper Protection' function and 'Multifeed Protection' function paper feed problems are tackled before they happen thereby bringing optimised workflow to your business.

With this exceptional feeding mechanism that allows for mixed batch processing the need for timely uniform batch processing is eliminated as well as scanning delays and rescanning repercussions that come about as a result of paper jams and unknown double feeds.

Image enhancement
The fi-6800 offers the user hardware based deskew and auto cropping functionality. Deskew ensures that if documents are not placed in a straight edge format, they are straightened up as they are scanned. Auto cropping means that if mixed size documents are scanned, only the exact document area will appear on screen.

VRS Professional included
The fi-6800 comes with the full version of VRS Professional hardware that can be used for adding advanced image enhancement operations to the scanning process. These can be combined to receive digital document images that show high visual quality and require little or no additional manual interference. Some other features include intelligent content orientation recognition and auto-rotation.

Options
Post imprinters are available for the fi-6800 which enables users to print information on the original document for compliance and document management purposes. A post imprinter fi-680PRF can be utilised to print characters on the front page of scanned documents and an imprinter fi-680PRB can be utilised to scan characters on the backside of scanned documents. Both post imprinters can be mounted simultaneously and be used consecutively in different profiles. It is possible to combine the physical imprint with a corresponding virtual imprint on the image, thereby providing an easy means of cross reference.

There are two consumable kits available for the fi-6800; a single pack contains a pick roller, separator roller and a brake roller covering a maximum lifetime of 600,000 scans or one year. The twin pack contains two pick rollers, separator rollers and brake rollers covering a maximum lifetime of 1.200.000 scans or one year.
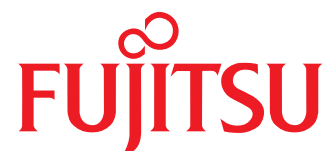
A cleaning kit for the fi-6800 will help optimise scanning and prolong the lifespan of your machine; the kit includes an F1 Pump Spray Cleaner, an F2 Pump Spray Cleaner and 75 Lint Free Cloths.

Software, interfaces and compatibility
With VRS professional supported by CGA hardware the fi-6800 also comes bundled with a host of software including Adobe Acrobat 9.0 Standard, ScandAll Pro, QuickScan Pro Demo and Scan to Microsoft SharePoint.

The fi-6800 can be operated through USB or SCSI interfaces, allowing for direct TWAIN and ISIS driver control. Additionally the operator can make use of VRS Professional image enhancement routines powered by a dedicated CGA board.

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fi-6800 Specifications

ENERGY STAR®
compliant

"Adobe", "Acrobat"
and the Adobe
PDF logo are
either registered
trademarks or
trademarks of
Adobe Systems
Incorporated in
the United States
and/or other
countries.

Product name		fi-6800
Supported operating systems		Microsoft® Windows® 2000 Professional / Microsoft® Windows® XP (32 bit/64 bit) / MS® Windows Server™ 2003 / 2008 (32 bit/64 bit) / MS® Windows Vista™ (32 bit/64 bit) [VRS]: Microsoft® Windows® 2000 Professional / Microsoft® Windows® XP Professional (32 mbit) / Microsoft® Windows Vista™ Enterprise / Business (32bit / 64bit) / Microsoft Windows 7
Scanner type		ADF (Automatic Document Feeder)+Manual Feed
Scanning modes		Simplex / Duplex, Colour / Greyscale / Monochrome
Image sensor type		Colour CCD (Charge-coupled device) x 2 (front x 1, back x 1)
Light source		White LED array
Document size	Minimum	A8 Portrait (52 x 74 mm or 2 x 3in.)
	Maximum	A3 (297 x 420 mm or 12 x 17in.)
Paper weight (Thickness)		Less than A5 size : 0.050 to 0.25mm (41 to 209 g/m², or 11 to 56 lb)
		A4 to A5 size : 0.025 to 0.25mm (20 to 209 g/m², or 5.4 to 56 lb)
		Over A4 : 0.050 to 0.25mm (41 to 209 g/m², or 11 to 56 lb)
Scan Speed*1 (A4 Landscape)	Colour*2	Simplex: 130 ppm (200, 300 dpi), Duplex: 260 ipm (200, 300 dpi) (Duplex: 260 ipm (200 dpi), 250 ipm (300 dpi) *With CGA board)
	Greyscale*2	
	Monochrome	
Scan Speed*1 (A4 Landscape)	Colour*2	Simplex: 100 ppm (200, 300 dpi), Duplex: 200 ipm (200, 300 dpi) (Duplex: 200 ipm (200, 300 dpi) With CGA board)
	Greyscale*2	
	Monochrome	
Paper chute capacity*3		500 sheets (A4: 80 g/m² or 21 lb) (Active loadable ADF)
Daily volume range		20,000 to 60,000 sheets/day
Background colours		White / Black (Selectable)
Optical resolution		600 dpi
Output resolution*4	Colour (24 bit)	50 to 600 dpi (adjustable by 1 dpi increments) (100 / 150 / 200 / 240 / 300 / 400 dpi) *With CGA board
	Greyscale (8 bit)	
	Monochrome (1 bit)	
Output format		Colour: 24 bit, 8 bit (8 bit and 4 bit with driver) / Grayscale: 8 bit (4 bit with driver) / Mono:1bit
AD converter		1024 levels (10 bit)
Interface*5 *6		Ultra SCSI, USB2.0, With CGA board: Ultra Wide SCSI, USB2.0
Connector shape		Ultra SCSI: Shield type 50 pin (pin type), USB: B type With CGA board: Ultra Wide SCSI: Shield type 68 pin (pin type), USB: B type
SCSI Terminator		Built-in
Image processing (half-tone)		Dither / Error diffusion
Voltage or voltage range		AC 100 to 240V +10%/-10%
Power consumption		Operating: 200W or less (Sleep mode: less than 4W *10)
Operating environment		Temperature: 15 to 35°C / Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height*7		460 x 430 x 310mm / Installation space: 860 x 1630 x 350 mm
Weight		32 kg
Included software / drivers		TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro Demo, Image processing software (Trial), Kofax® VRS Professional, Scan to Microsoft SharePoint
Environmental compatibility*8		ENERGY STAR®, and RoHS
Others Multi-feed detection		3 ultrasonic multi-feed detection sensors
Long paper scanning*9		3048 mm (120in.)
Included items		AC cable, USB cable, Setup DVD-ROM, Adobe® Acrobat®, QuickScan™ Pro brochure

Options	Part number	Remarks
Post Imprinter (Frontside) (FI-680PRF)	PA03575-D201	The imprinter option enables users to print information on original documents for document management purposes. While the FI-680PRF (post imprinter) prints information on the front of documents, the FI-680PRB (post imprinter) prints information on the reverse-side of documents after they have been scanned. Although both the FI-680PRF and the FI-680PRB may be attached to the same scanner unit, both imprinters cannot be used simultaneously.
Post Imprinter (Backside) (FI-680PRB	PA03575-D203	

Consumables	Part number	Remarks
Consumable Kit Single Pack	CON-3575-001A	includes PICK ROLLER set PA03575-K011(2 pcs/set), SEPARATOR ROLLER PA03575-K012, BRAKE ROLLER PA03575-K013 for total max. lifetime of 600.000 sheets or 1 year
Consumable Kit Twin Pack	CON-3575-002A	includes 2 x PICK ROLLER set PA03575-K011(2 pcs/set), 2 x SEPARATOR ROLLER PA03575-K012, 2 x BRAKE ROLLER PA03575-K013 for total max. lifetime of 1.200.000 sheets or 1 year
Print Cartridge	CA00050-0262	Lifetime: 4,000,000 characters, FI-680PRF and FI-680PRB print head

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Notes
*1 Actual scanning speeds are affected by data transmission and software processing times.
*2 JPEG compressed figures.
*3 Maximum capacity varies, depending upon paper weight.
*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 You cannot use both SCSI and USB 2.0 interfaces at the same time.
*6 You cannot connect multiple computers to the scanner using each type of interface cables at the same time.
*7 Excluding the ADF hopper.
*8 PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005/95/EC).
*9 Capable of scanning documents that exceed A3 size in length. For long page scanning with standard I/F: Documents that exceed 432 mm (17in.) are limited to 400 dpi for lengths up to 863 mm (34in.). Documents between 863 mm and 3,048 mm (120in.) in length are limited to 300 dpi. Multi-image documents up 432 mm in length are limited to 400dpi. For long page scanning with VRS: Documents that exceed 432 mm (17in.) are limited to 300 dpi for lengths up to 1,778 mm (70in.). Documents between 1,778 mm and 3,048 mm (120in.) in length are limited to 200 dpi. Documents that exceed 432 mm can be scanned under any resolution for lengths up to 1,016 mm (70in.) when used with ISIS.
*10 Without CGA board interface

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