

## Appendix

### fi-6800 Technical Specifications

Parameter		Specification
Product name		FI-6800
Supported operating systems		Microsoft® Windows® 2000 Professional / Microsoft® Windows® XP (32 bit/64 bit) / Microsoft® Windows Server™ 2003 / 2008 (32 bit/64 bit) / Microsoft® Windows Vista™ (32 bit/64 bit) [VRS] Microsoft® Windows® 2000 Professional / Microsoft® Windows® XP Professional (32 bit) / Microsoft® Windows Vista™ Enterprise/Business (32bit/64bit)
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 LED array
Document size		Maximum: A3 (297 x 420mm or 12 x 17in.) (long document scanning: 3048mm (120in.)) Minimum: A8 Portrait (52 x 74mm or 2 x 3in.)
Paper weight (Thickness)		Less than A5 size : 0.050 to 0.25mm (41 to 209 g/m <sup>2</sup> , or 11 to 56 lb) A4 to A5 size : 0.025 to 0.25mm (20 to 209 g/m <sup>2</sup> , or 5.4 to 56 lb) Over A4 : 0.050 to 0.25mm (41 to 209 g/m <sup>2</sup> , or 11 to 56 lb)
Scanning speed (A4 Landscape) *1	Color *2	Simplex : 130ppm (200, 300dpi), Duplex: 260ipm (200, 300dpi) (Duplex: 260ipm (200dpi), 250ipm (300dpi) *With CGA board)
	Grayscale *2	
	Monochrome	
Scanning speed (A4 Portrait) *1	Color *2	Simplex : 100ppm (200, 300dpi), Duplex: 200ipm (200, 300dpi) (Duplex: 200ipm (200,300dpi) *With CGA board)
	Grayscale *2	
	Monochrome	
Paper chute capacity (A4 Landscape) *3		500 sheets (A4: 80 g/m <sup>2</sup> or 21 lb)
Expected daily volume		60,000 sheets/day
Background colors		White / Black (Selectable)
Optical resolution		600dpi
Output resolution *4	Color (24 bit)	50 to 600dpi (adjustable by 1 dpi increments) (100 / 150 / 200 / 240 / 300 / 400dpi) *With CGA board
	Grayscale (8 bit)	
	Monochrome (1 bit)	
Output format		Color:24bit,8bit(8bit and 4bit with driver) Grayscale:8bit(4bit with driver) Monochrome: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%
Power consumption		Operating: 200W or less (Sleep mode: less than 4W *10)
Operating environment		Temperature: 15 to 35°C (59 to 95°F) Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height *7		460 x 430 x 310mm (18.1 x 16.9 x 12.2in.) Installation space: 860 x 1630 x 350mm (33.8 x 64.1 x 13.7in.)

<b>Weight</b>	32kg	
<b>Included software / drivers</b>	TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro Demo, Image processing software (Trial), Kofax® VRS Professional, Scan to Microsoft SharePoint	
<b>Environmental compatibility *8</b>	ENERGY STAR®, and RoHS	
<b>Others</b>	<b>Multi-feed detection</b>	Yes (Standard) ultrasonic multi-feed deflection sensor
	<b>Long paper scanning *9</b>	3048 mm (120in.)
<b>Included items</b>	AC cable, USB cable, Setup DVD-ROM, Adobe® Acrobat® DVD-ROM, QuickScan™ Pro brochure	

\*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 432mm (17in.) are limited to 400dpi for lengths up to 863mm (34in.). Documents between 863mm and 3,048mm (120in.) in length are limited to 300dpi. 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 300dpi for lengths up to 1,778mm (70in.). Documents between 1,778mm and 3,048mm (120in.) in length are limited to 200dpi. Documents that exceed 432mm can be scanned under any resolution for lengths up to 1,016mm (70in.) when used with ISIS.

\*10 Without CGA board interface.

## ■ Options

Description	Parts number	Comments
Post Imprinter (Front side) (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 (Back side) (FI-680PRB)	PA03575-D203	

## ■ Consumables

Description	Parts number	Comments
Pick Roller	PA03575-K011	Lifetime: Every 600,000 sheets or one year. These rollers feed documents into the scanner.
Separator Roller	PA03575-K012	Lifetime: Every 600,000 sheets or one year. These rollers feed documents through the scanner.
Brake Roller	PA03575-K013	Lifetime: Every 600,000 sheets or one year. These rollers separate documents as they are being fed into the scanner.
Print Cartridge	CA00050-0262	Lifetime: 4,000,000 characters FI-680PRF and FI-680PRB print head