

## Advanced productivity for high-volume scanning

# fi-7800 Image Scanner

The fi-7800 scans Letter landscape documents at high speeds of 110 ppm/220 ipm (200/300 dpi). It is capable of scanning up to Double Letter sized portrait documents and can load up to 500 sheets at a time.



### Accurate feeding to maximize productivity

Our production scanners are designed to build productive workflows. In addition to our reliable feeding, the fi-7800 comes with a variety of functionalities that make feeding performance even better. Finish scanning faster without the need to make any rescans using the all-new Automatic Separation Control function. This new function automatically calibrates torque on the brake rollers and guarantees that documents go through one at a time. The fi-7800 now also comes with the fi Series signature Skew Reducer function providing independent separator rollers to ensure skewed documents do not affect the documents that follow.



### Organized paper output for clean and fast workflows

Not only do we ensure that paper is fed through smoothly but also that output is made in neat stacks. The improved Stacking Control function and Elevator Stacker allow operators to quickly gather documents after scanning so that they can quickly move on to the next batch, and scan multiple batches in shorter times.



### Stress-free usability with an operator-friendly design

The fi-7800 is designed to make the operator experience easy. Operators can scan directly from the scanner with the job-registration function, and complete various operations on the easily accessible operator panel and LCD status display. Routine maintenance is also a snap. The fi-7800's LED lights make cleaning dust, debris, and ink residue build-up from the glass easy.



### Advanced software for maximized efficiency

Empower operator workflows and feed information efficiently with our latest PaperStream IP scanner driver and integrated software. With a few simple setting configurations, Automatic Profile Selection allows documents to undergo image processing appropriate to each document format. Operators no longer need to sort documents manually since the driver works with PaperStream Capture to link document formats to specific saving destinations. Image processing functionalities are also enhanced with Advanced Cleanup Technology providing strong character recognition and image cleanup for better OCR accuracy. All these functions work together to offer a wider variety of batch scanning features and assist operator workflows.



### Make it even better with PaperStream Capture Pro

Optional PaperStream Capture Pro software offers an improved feature set with superior front-end capture, image processing, and options for enhanced data extraction and indexing for release.



### PaperStream ClickScan:

Simplifies scanning with 3-steps: scan, select destination & save.

# Production-class image scanner fi-7800



## Ricoh industry-leading support keeps digital transformation projects on-time and on budget

- U.S. based support
- Specialized Teams
- Flexible service programs



## Ricoh Document Scanners provide superior engineering at the forefront of innovation through:

- Engineering Passion and Dedication
- Human Centric Design
- Worldwide Reliability

### Technical Information

Document feeding method	Automatic Document Feeder (ADF)/ Manual, Duplex	Paper protection	Lag detection
Scanning modes	Simplex/Duplex in Color, Grayscale, or Monochrome	Interface	USB 2.0 / USB 1.1
Scanning speed* <sup>1</sup> A4 Landscape Color* <sup>2</sup> / Grayscale* <sup>2</sup> / Monochrome* <sup>3</sup>	Simplex 110 pages/minute (200/300 dpi) Duplex 220 images/minute (200/300 dpi)	Power requirements	100 to 240 VAC ±10%, 50/60 Hz
Scanning speed* <sup>1</sup> A4 Portrait Color* <sup>2</sup> / Grayscale* <sup>2</sup> / Monochrome* <sup>3</sup>	Simplex 90 pages/minute (200/300 dpi) Duplex 180 images/minute (200/300 dpi)	Power Consumption Operating Mode Sleep Mode Auto Standby (Off) Mode	200 W or less 3.2 W or less Less than 0.3 W
Image Sensor Type	Color Charge-Coupled Device (CCD) x 2 (Front x 1, Back x 1)	Operating Environment Temperature Relative Humidity	41 to 95 °F (5 to 35 °C) 20 to 80% (non-condensing)
Light Source	White LED Array x 4 (Front x 2, Back x 2)	Environmental Compliance	ENERGY STAR 3.0®, RoHS
Optical resolution	600 dpi	Dimensions* <sup>9</sup> (Width x Depth x Height)	18.1" x 16.9" x 12.2" (460 x 430 x 310 mm)
Output resolution* <sup>4</sup> (Color/Grayscale/Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)* <sup>5</sup>	Weight	70 lb (32 kg)
Output format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	Included in the box	AC cable, USB cable, Setup DVD-ROM
Background colors	White / Black (selectable)	Bundled software (DVD format)* <sup>11</sup>	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver* <sup>10</sup> , PaperStream Capture, PaperStream ClickScan, Software Operation Panel, Error Recovery Guide, PaperStream Central Admin
Document Size Maximum Minimum Long page scanning* <sup>6</sup>	12" x 17" (304.8 x 431.8 mm) 2.0" x 3.0" (52 x 74 mm) 220" (5,588 mm)	Supported operating systems	Windows® 11, Windows® 10* <sup>12</sup> , Windows® Server 2025, Windows® Server 2022, Windows® Server 2019, Windows® Server 2016
Paper Weight A4 to A5 Size Less than A5 Size / Over A4 Size	5.4 to 56 lb (20 to 209 g/m2) 11 to 56 lb (41 to 209 g/m2)	Image processing functions	Multi image output, Automatic color detection, Blank page detection, Static threshold, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/Green/ Blue/White/Saturation/Custom), sRGB output, Hole punch removal, Cropping, Index tab cropping, Split image, De-Skew, Edge correction, Vertical streaks reduction, Character extraction, Background pattern removal, Automatic profile selection
ADF capacity* <sup>7</sup>	500 Sheets (Letter: 20 lb. or A4: 80 g/m2)	Trade Compliant	Yes
Expected Daily Volume* <sup>8</sup>	100,000 sheets	Certifications	Tungsten® VRS Elite
Multi-feed detection	Overlap detection (Ultrasonic sensor), Length detection	Warranty	3 Months Basic Onsite Service

### Service Programs & Options

Post Imprinter (FI-680PRF)	CG01000-531101	Front side post-scan printing on document
Post Imprinter (FI-680PRB)	CG01000-531201	Back side post scan printing on document
PaperStream Capture Pro	PSC-PRO-1Y PSC-PRO-3Y PSC-PRO-5Y	PaperStream Capture Pro 1-Year Subscription PaperStream Capture Pro 3-Year Subscription PaperStream Capture Pro 5-Year Subscription
Basic Onsite Service	S7800-BAMYNBD-3	3-year scanner contract with parts, maintenance, labor, 2 cleaning visits per year and next business day response time
ScanCare Onsite Service	S7800-SCMYNBD-3	3-year scanner contract with parts, maintenance, labor, 3 preventative maintenance visits per year, and next business day response time
Premium Bundle	CG01000-310043	fi-7800 and one-year ScanCare service

### Consumables and Options

Pick Roller	PA03575-K011	Every 600,000 sheets * <sup>13</sup>
Separator Roller	PA03800-K012	Every 600,000 sheets * <sup>13</sup>
Brake Roller	PA03575-K013	Every 600,000 sheets * <sup>13</sup>
Print Cartridge	CA00050-0262	4,000,000 printed characters
ScanAid Kit	CG01000-295401	Consumable kit with instructions and cleaning supplies

#### Insist on Genuine Ricoh Service to keep your scanner running at its best

\*<sup>1</sup>Actual scanning speeds are affected by data transmission and software processing times. \*<sup>2</sup>Indicated speeds are from using JPEG compression. \*<sup>3</sup>Indicated speeds are from using TIFF CCITT Group 4 compression. \*<sup>4</sup>When scanning in high resolutions (500 dpi or above), scanning may be rejected depending on scanning mode, document size, memory size, and application program. Selectable maximum density may vary depending on the length of the scanned document. \*<sup>5</sup>Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). \*<sup>6</sup>Documents between 431.8 mm (17 in.) and 863 mm (34 in.) in length are limited to 400 dpi. Documents between 863 mm and 3,175 mm (125 in.) in length are limited to 300 dpi. \*<sup>7</sup>Maximum capacity depends on paper weight and may vary. \*<sup>8</sup>Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. \*<sup>9</sup>With the ADF hopper closed. \*<sup>10</sup>Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. \*<sup>11</sup>Software can be downloaded from the website designated in the Setup DVD-ROM. \*<sup>12</sup>fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs. \*<sup>13</sup>Replacement cycles are guidelines for using A4 documents (80 g/m2 [20 lb]). These cycles vary depending on the type of documents scanned, how often the scanner is used and cleaned, and your operating environment.

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