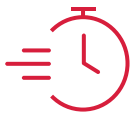# RICOH
imagine. change.

Advanced productivity for high-volume scanning

fi-7900 Image Scanner

The fi-7900, with its heavy-duty design and advanced paper feeding technologies can handle the largest scanning projects, all day, every day, producing the cleanest images.

High-speed scanning and ADF capacity

The fi-7900 is Ricoh's fastest scanners with speeds of 140ppm/280ipm providing a daily duty cycle of 120,000 pages. The ADF holds up to 500 sheets at a time, reducing the amount of time spent prepping batches.

Accurate feeding to maximize productivity

Ricoh production scanners are designed to build productive workflows. In addi tion to our reliable feeding, the fi-7900 comes with a variety of ad vanced technologies that provide smooth, fast feeding without disruption. 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-7900 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

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-7900 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.

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.

Advanced productivity for high-volume scanning
fi-7900 Image Scanner

140 Pages per minute	**Duplex** Scans both sides	**TWAIN&ISIS®** Supported	**Sizes up to** Double Letter 12" x 17" max.	**Accepts** Sticky Notes Taped Receipts Labels	**600** Optical DPI	**24-bit Color** Scanning supported

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

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

Industry Leading Net Promoter Score

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

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

Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Duplex
Scanning Speed[1] **(A4 Landscape)** (Color[2]/Grayscale[2]/Monochrome[3])	Simplex: 140 ppm (200/300 dpi) Duplex: 280 ipm (200/300 dpi)
Scanning Speed[1] **(A4 Portrait)** (Color[2]/Grayscale[2]/Monochrome[3])	Simplex: 105 ppm (200/300 dpi) Duplex: 210 ipm (200/300 dpi)
Image Sensor Type	Color CCD x 2 (front x 1, back x 1)
Light Source	White LED Array x 4 (front x 2, back x 2)
Optical Resolution	600 dpi
Output Resolution[4] (Color/Grayscale/Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)[5]
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
Background Colors	White / Black (selectable)
Document Size Maximum Minimum Long Page Scanning[6]	12 x 17 in. (304.8 x 431.8 mm) 2 x 3 in. (52 x 74 mm) 220 in. (5,588 mm)
Paper Weight (Thickness) 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)
ADF Capacity[7]	500 sheets (A4 80 g/m² or Letter 20 lb)
Expected Daily Volume[8]	120,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor) Length detection
Interface	USB 2.0 / USB 1.1

Power Requirements	AC 100 to 240 V ± 10%
Power Consumption Operating Mode Sleep Mode Auto Standby (Off) Mode	200 W or less 3.2 W or less Less than 0.3 W
Operating Environment Temperature Relative Humidity	41 to 95 °F (5 to 35 °C) 20 to 80% (non-condensing)
Environmental Compliance	ENERGY STAR 3.0®, RoHS
Dimensions[9] (Width x Depth x Height)	18.1 x 16.9 x 12.2 in. (460 x 430 x 310 mm)
Weight	70 lb (32 kg)
Supported Operating System	Windows® 11, Windows® 10 [12], Windows® Server 2022, Windows® Server 2019, Windows® Server 2016
Included Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver [10], PaperStream Capture, PaperStream ClickScan[11], Software Operation Panel, Error Recovery Guide, Scanner Central Admin Server
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
Included Items	AC cable, USB cable, Setup DVD-ROM
Trade Compliant	Yes
Certifications	Tungsten® VRS Elite
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	PSCP-MV-0001	PaperStream Capture Pro Mid-Volume software license
Basic Onsite Service	S7900-BAMYNBD-3	3-year scanner contract with parts, maintenance, labor, 2 cleaning visits per year, and next business day response time
ScanCare Onsite Service	S7900-SCMYNBD-3	3-year scanner contract with parts, consumables, maintenance, labor, 3 cleaning visits per year, and next business day response time
Premium Bundle	CG01000-310000	fi-7900 and one-year ScanCare service

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

Consumables

Pick Roller	PA03575-K011	Every 600,000 sheets or one year
Separator Roller	PA03800-K012	Every 600,000 sheets or one year
Brake Roller	PA03575-K013	Every 600,000 sheets or one year
Printer Cartridge for Imprinter	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag
ScanAid Kit	CG01000-295401	Consumable kit with instructions and cleaning supplies

ENERGY STAR · ✓RoHS 2002/95/EC COMPLIANT · epeat SILVER

[1]Actual scanning speeds are affected by data transmission and software processing times. [2] Indicated speeds are from using JPEG compression. [3]Indicated speeds are from using TIFF CCITT Group 4 compression.[4] 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. [5]Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi).[6] 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. [7]Maximum capacity depends on paper weight and may vary. [8]Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. [9]With the ADF hopper closed. [10] Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. [11]Software can be downloaded from the website designated in the Setup DVD-ROM.[12] fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs.

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