

Fujifilm Digital Lab System Frontier 500 Main Specifications

	Input source	Print sizes	Paper widths	Frontier 500
Processing capacity	135	3R	5"	Approx. 900 prints/hr
		4R	6"	Approx. 800 prints/hr
		8R	8"	Approx. 300 prints/hr
	Advanced Photo System (IX240)	3R C/H/P-mixed-format prints; 25 exp.	3.5"	Approx. 5 rolls/hr
Printable films (using standard or optional film carriers)	Media prints (digital still cameras with 2.5 million pixels)	3R	5"	Approx. 900 prints/hr
		4R	6"	Approx. 800 prints/hr
Print sizes	■ Color negative film: 135 and Advanced Photo System (IX240)(optional) ■ Color positive film: 135 strips and piece (standard), mounted (optional) ■ Black-and-white film: 135 (standard) / Sepia (Advanced Photo System) (optional) Advanced Photo System: cartridge, piece and mounting (optional)			
Processing chemicals	Chemical system CP-49E			
Footprint space	■ Input unit (SP-500) : Approx. 1 ft ² ■ Output unit (LP-5000) : Approx. 9 ft ²			

Input unit | SCANNER (SP-500) & SCANNER CONTROLLER

Type: Tabletop type, independent scanner.
 Scanning section: Area CCD with precision pixel shifting system
 Film carriers:


- 135 automatic film carrier NC100AR(standard) 135F/P/Hv/135H (optional); Color/black-white negative, color reversal; Piece and strip film.
- Multi-film carrier MFC10AR (optional) Advanced Photo System (IX240), 135F, 135 half, 135 reversal mount.

 Image processing: Optimal color reproduction processing, color gradation control, facial expression enhancement, hyper-tone processing, hyper-sharpness processing, monotone finishing, retouching function (dust or scratches on film can be erased automatically in printing), soft focus, red-eye correction processing, and others.
 Display: 17-inch CRT or LCD color display
 Input light source: LED
 Power requirements: AC100-240V (50/60Hz), 0.25KVA
 Dimensions: 9.6" (W) x 17.5" (D) x 14.8" (H)
 Weight: 46 lbs

Output unit | LASER PRINTER/PAPER PROCESSOR Frontier 500 (LP-5000)

Type: Floor-type, normal light operation (laser printer, processor, cutter, sorter in one unit).
 Exposure system: Scanning exposure system using RGB lasers.
 Paper magazines: Two switchable paper magazines.
 Paper: FUJICOLOR Crystal Archive Type II paper 3.5", 4", 5", 6", 8".
 Paper widths: 3.5", 4", 5", 6", 8".
 Back printing: Single 40/80-character line of backside print information.
 Index print: Color index print and normal prints can be printed from 135 (color negative and sepia) film in one pass (by RGB laser exposure).
 Printer sorter: SU700AR, sorting capacity: 7 orders of C/H/P-mixed format prints.
 Printer condition setup: Semi-automatic calibration by built-in calibrator.
 Processor carriage: Single line, sheet carriage.
 Processing time: Dry-to-dry: 1 min. 27 sec.
 Power requirements: AC200-240V (50/60Hz) Single-phase 16A four-wire, 3.4KVA.
 Dimensions: 54.5" (W) x 26.9" (D) x 66.1" (H).
 Weights: Approx. 761 lbs (882 lbs during actual operation)

Performance varies depending on processing capabilities of the Imaging Controller.
 Specifications are subject to change without notice.
 All brand names or trademarks are property of their respective owners.

 The Frontier 500 has received the UL/CUL/CE Marks for meeting high safety standards.

Compact, Fast, Beautiful

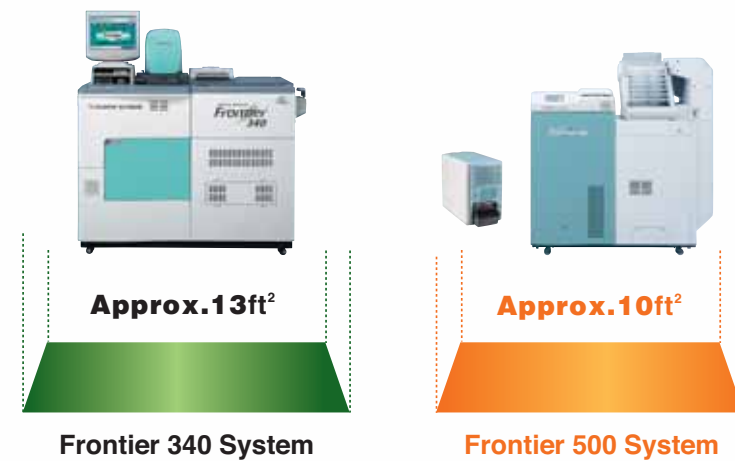


DIGITAL LAB SYSTEM
Frontier 500

Easy to install, easy to use, high-performance. The evolution of the Frontier 500.

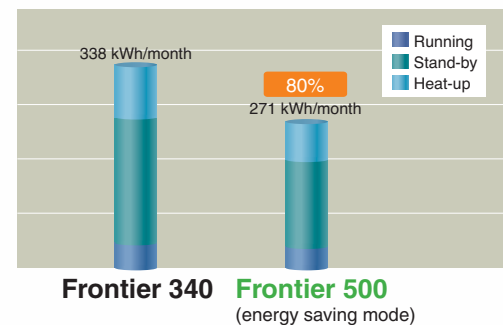
Compact Separate input and output units save space

The film scanner and Imaging Controller are separate units, permitting a variety of flexible layout options. The printer occupies a mere 9ft² of floor space, for easy installation anywhere. The combined system has a footprint of approximately 10ft², a significant reduction compared to existing combined single-unit Frontier models.



Ecological Significant reduction in power consumption, CO₂ emissions

Power consumption for the combined system, including scanner is a mere 271kWh/ month (energy saving mode). This represents a significant reduction compared to the 338kWh/month consumed by the Frontier 340. CO₂ emissions have also been reduced.



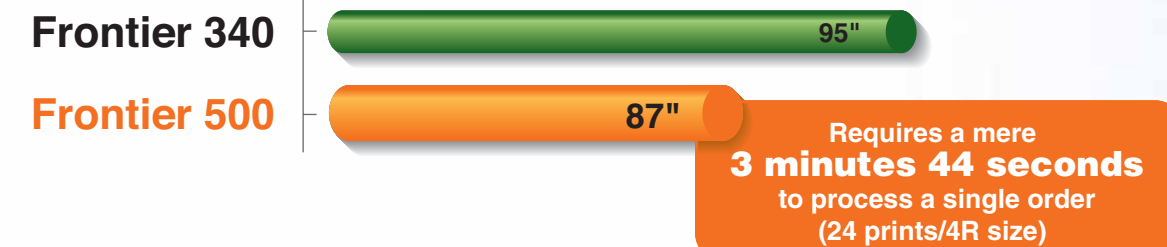
Easy Simplified maintenance

The Frontier 500 system is easy to maintain. The frequency of specific user maintenance routines has been reduced.

Fast Boosted processing speed

The compact Frontier 500 can produce up to 800 prints per hour (4R size), ample capacity for a growing business. A single order (24 prints/4R size) can be processed in a mere 3 minutes 44 seconds. The combination of Fujifilm's proprietary Frontier hardware, processing chemicals and photographic paper significantly boosts processing speed, achieving a dry-to-dry time of just 87 seconds for a 4R size print.

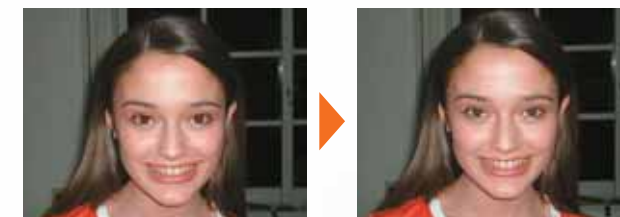
■ Dry to Dry*



* Time from initial print to completion of dry processing.

Beautiful "Image Intelligence" – improved image quality delivered quickly and automatically

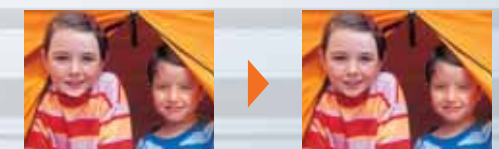
Fujifilm's nearly seven decades of accumulated knowledge have gone into the extensive array of digital image-processing software incorporated in the Frontier 500. "Image Intelligence" automatically compensates for poor lighting and other problematic conditions, and it also makes skin tones more natural and facial expressions more distinct. And since photo image correction is automatic, processing time is reduced and more incoming orders can be processed.



Full Red-eye Correction (optional — coming soon)
Red-eye correction is now fully automated, so there's no need to halt the production flow to make manual selections or adjustments. Sophisticated image algorithms read every single frame as it's being processed, and distinguish precisely between human faces and other visual subject matter, identifying only the human faces with red-eyes.

Automatic scratch and dust elimination (standard)

This function corrects for scratches and dust on both the emulsion layer and the film base of the original film using infrared detection and image extrapolation algorithms. Using "Image Intelligence" technology, it automatically corrects the image by extrapolating image data from the surrounding area.



An Affordable Solution for High-Quality Digital Prints

New System Configuration Frontier 500

The compact, space-saving Fujifilm Frontier 500 Digital Lab System offers an affordable way to launch a digital camera print processing business. And with its high-speed, high-capacity performance, the Frontier 500 can keep up with rapidly growing demand. Designed with a host of labor-saving features, the separate input/output configuration also permits expansion of the basic system. Achieving new savings in energy consumption, the Frontier 500 makes it easier than ever to offer high-quality digital camera print services.

SP-500 Film Scanner

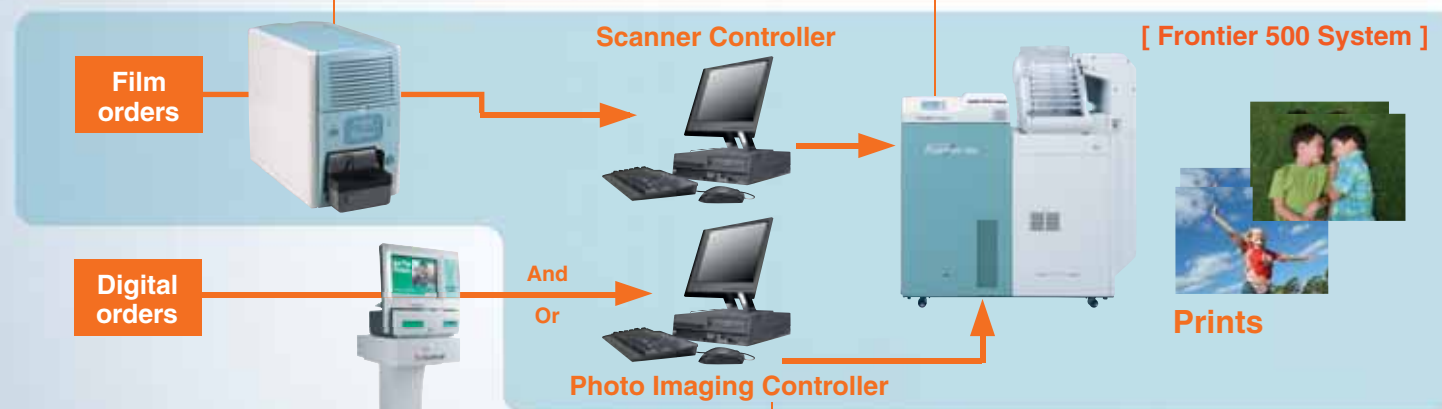
The SP-500 is a compact film scanner for processing orders for prints from film. The addition of optional cartridges makes it possible to handle a variety of film types, including Advanced Photo System.



Optional carriers

LP-5000 Laser Printer

Occupying about 9 ft² of floor space, the LP-5000 printer is configured with double paper magazines to meet specific volume and capacity requirements.



GetPix Kiosk

GetPix Kiosk in-store order processing terminals can be connected directly to the Frontier 500, enabling customers to place their own digital camera print orders, eliminating the need for staff to fill out order forms. Multiple media slots are compatible with a variety of digital memory formats, and a wireless interface makes it easy to order prints from camera phones.

Photo Imaging Controller

The PIC is a fully integrated system interface for Frontier operations. Print orders from digital media can be tracked and processed on a single screen, enhancing productivity and reducing waiting time. And with the addition of optional software, the PIC makes it possible to expand the Frontier system to meet demand for a diverse range of specialized print services.

A streamlined system for digital camera print services with a minimal investment

Digital camera print-specific configuration for cost-efficient startups

Consisting of separate input scanner and printer units, the new Frontier 500 configuration can be tailored to meet a variety of business models, offering the opportunity to introduce quality digital camera print services with minimal initial investment.

[Dedicated system for digital camera prints]

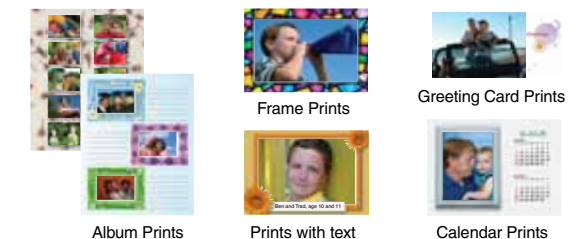


High-speed high-capacity

Despite its compact size, the affordable Frontier 500 can process up to 800 prints per hour (4R size), high-speed performance that can handle more and more orders as business grows.

Handles a wide range of print sizes and variety print formats

The compact Frontier 500 is capable of outputting a wide variety of print formats on various media. Customers can order prints as large as 8 inches, making it possible to offer the added value of quality enlargements. Thanks to Fujifilm's proprietary Image Intelligence image processing technology, prints are optimized to ensure beautiful results – and satisfied customers!



Expandable to meet your growing needs

Optional hardware and software adds functionality and enables the Frontier 500 system to keep pace with a growing business.

Prints from film

Connected to the Scanner Controller, the compact SP-500 Film Scanner makes it easy to process orders for prints from various types of film.

Growing demand for digital camera prints

Installation of more GetPix Kiosk in-store order terminals lets you increase order processing capacity without hiring more staff. And the addition of more order terminals boosts customer satisfaction by cutting waiting time.