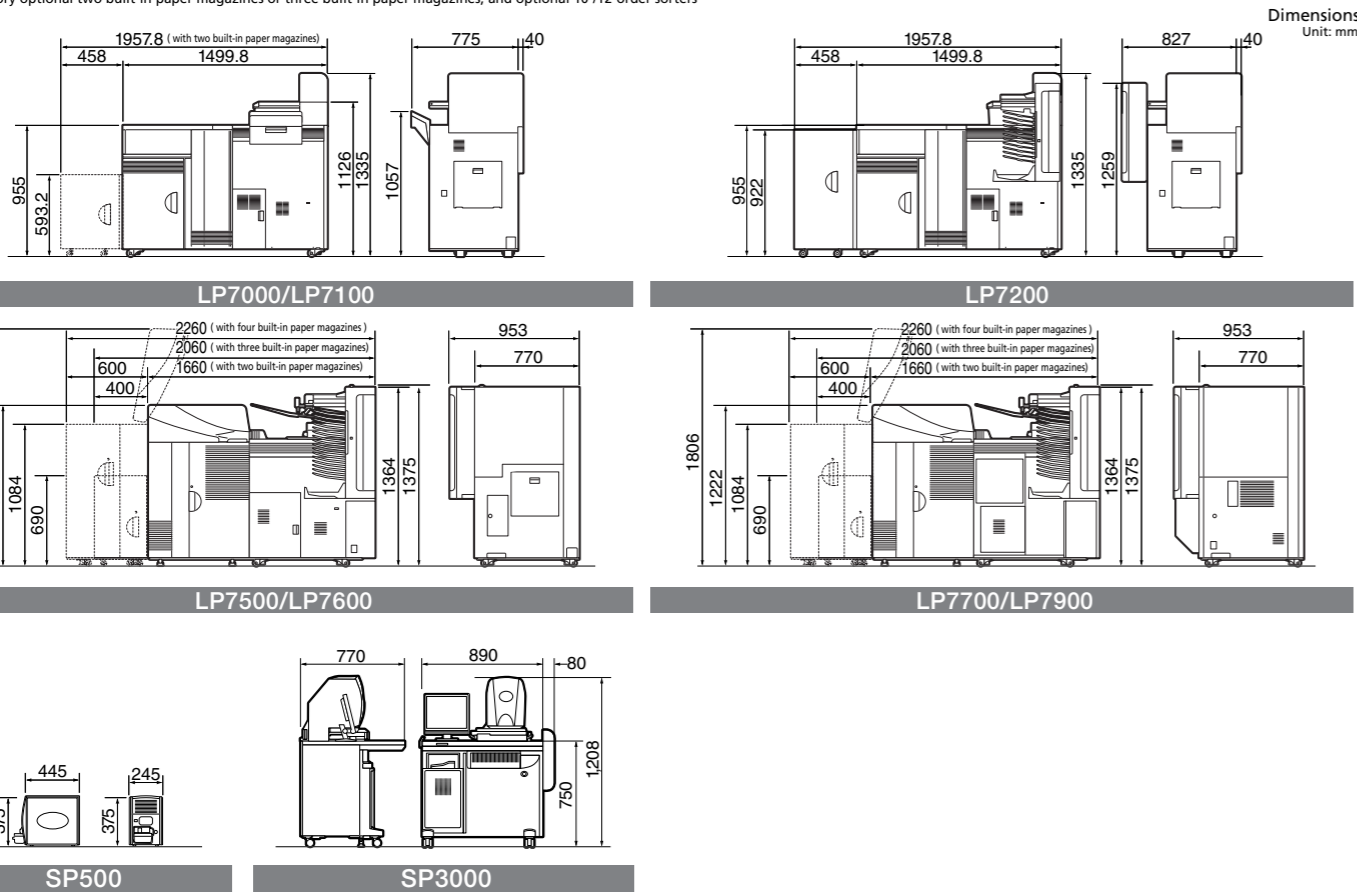


Specifications

		LP7000	LP7100	LP7200	LP7500 (LP7EZ + PP7500)	LP7600 (LP7EZ + PP7600)	LP7700 (LP7EZ + PP7700)	LP7900 (LP7EZ + PP7900)		
Processing capacity (actual production)	135 negative film (24-exp.)	Print sizes	Print capacity (Processed by SP-500)							
		Paper widths	Print capacity (Processed by SP-3000)							
	Media print	3R	127mm	Approx. 790 prints/hr	Approx. 900 prints/hr	Approx. 900 prints/hr	Approx. 1310 prints/hr	Approx. 1650 prints/hr	Approx. 1800 prints/hr	Approx. 1800 prints/hr
		4R	152mm	Approx. 760 prints/hr	Approx. 800 prints/hr	Approx. 800 prints/hr	Approx. 1180 prints/hr	Approx. 1480 prints/hr	Approx. 1800 prints/hr	Approx. 1800 prints/hr
		Print capacity (Digital still camera with 4.0 million pixels) *with highspec PC								
		3R	127mm	Approx. 790 prints/hr	Approx. 910 prints/hr	Approx. 1200 prints/hr (Paper widths 89mm)	Approx. 1310 prints/hr	Approx. 1650 prints/hr	Approx. 2000 prints/hr (*2250 prints/hr)	Approx. 2000 prints/hr (*2560 prints/hr)
		4R	152mm	Approx. 760 prints/hr	Approx. 810 prints/hr	Approx. 1040 prints/hr (Paper widths 102mm)	Approx. 1180 prints/hr	Approx. 1480 prints/hr	Approx. 1850 prints/hr (*2120 prints/hr)	Approx. 1850 prints/hr (*2360 prints/hr)
Print size		82.5 x 117mm - 203 x 610mm		82.5 x 117mm - 210 x 610mm (Max. 210 x 914.4mm with option)		82.5 x 117mm - 305 x 914.4mm				
Processing chemicals		Chemical system CP-49E								
Footprint space		Approx. 1.05m ² Approx. 1.30m ² *1	Approx. 1.29m ² Approx. 1.30m ² *2	Approx. 1.30m ²	Approx. 1.34m ² Approx. 1.62m ² *3 Approx. 1.76m ² *4		Approx. 1.40m ² Approx. 1.69m ² *3 Approx. 1.83m ² *4			
Type		LP7000: Floor type, normal light operation (printer, processor, cutter, sorter in one unit) LP7100-LP7900: Floor type, normal light operation (laser printer, processor, cutter, sorter in one unit)								
Exposure system		LP7000: Scanning exposure system using iBeam, 300 x 300dpi LP7100-LP7900: Scanning exposure system using RGB laser, 300 x 600dpi								
Paper magazines		LP7000: One built-in paper magazine (standard), two built-in paper magazines and three built-in paper magazines (factory optional) LP7100, LP7200: Two built-in paper magazines (standard), three built-in paper magazines (factory optional) LP7500-LP7900: Two built-in paper magazines (standard), three built-in paper magazines and four built-in paper magazines (factory optional)								
Paper		FUJICOLOR Crystal Archive Paper (silver-halide)								
Paper widths		8.9cm, 10.2cm, 11.7cm, 12.7cm, 15.2cm, 20.3cm	8.9cm, 10.2cm, 11.7cm, 12.7cm, 15.2cm, 20.3cm, 21.0cm	8.9cm, 10.2cm, 11.7cm, 12.7cm, 15.2cm, 20.3cm, 21.0cm, 25.4cm, 27.9cm, 30.5cm						
Back printing		Double 40-character lines in backside print								
Printer sorter		3-order sorter (standard), 10-/12-order sorters (optional)		10-order sorter or 12-order sorter (selectable)		14-order sorter or 17-order sorter (selectable)				
Print condition set-up		LP7000: Automatic calibration by built-in calibrator * Requires iBeam set-up using a flatbed scanner LP7100-LP7900: Automatic calibration by built-in calibrator								
Processor carriage		Single-line, sheet carriage		Double-line, sheet carriage						
Processing time (Dry to dry)		1 min. 47 sec.			2 min. 7 sec.	1 min. 50 sec.	1 min. 42 sec.	1 min. 29 sec.		
Power requirements		AC 200-240V (50/60Hz) Single-phase 18A, Three-phase three-wire 13A, Three-phase four-wire 9A, Approx. 4.0 KVA			AC 200-240V (50/60Hz) Single-phase 25A, Three-phase three-wire 16A, Three-phase four-wire 11A, Approx. 5.4 KVA		AC 200-240V (50/60Hz) Single-phase 31A, Three-phase three-wire 20A, Three-phase four-wire 14A, Approx. 6.7 KVA			
Dimensions		W1,499.8 x D815 x H1,335mm W1,499.8 x D867 x H1,335mm*1 W1,957.8 x D815 x H1,335mm*5 W1,957.8 x D867 x H1,335mm*6		W1,957.8 x D815 x H1,335mm W1,957.8 x D867 x H1,335mm*2		W1,957.8 x D867 x H1,335mm		W1,660 x D953 x H1,375mm W2,060 x D953 x H1,375mm*3 W2,260 x D953 x H1,375mm*4		W1,660 x D953 x H1,375mm W2,060 x D953 x H1,375mm*3 W2,260 x D953 x H1,375mm*4
Weight (during actual operation)		Approx. 301.7kg (Approx. 356kg)		Approx. 307.9kg (Approx. 362kg)		Approx. 318.4kg (Approx. 373kg)		Approx. 557.8kg (Approx. 649.3kg)		Approx. 561.5kg (Approx. 651.5kg)

*1 with factory optional two built-in paper magazines or three built-in paper magazines and optional sorter *2 with optional 10-/12-order sorters *3 with factory optional three built-in paper magazines and 14-/17-order sorters
*4 with factory optional four built-in paper magazines and 14-/17-order sorters *5 with factory optional two built-in paper magazines or three built-in paper magazines
*6 with factory optional two built-in paper magazines or three built-in paper magazines, and optional 10-/12-order sorters



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

DIGITAL MINILAB
Frontier 700
Series



LP7000/LP7100/LP7200
LP7500/LP7600
LP7700/LP7900

We now offer seven models, from compact to medium- and High-performance digital printer processors. Select the optimal model to meet your shop needs.

Now you can configure the best possible digital printer processor for your shop needs by selecting from compact models that can be installed with a 1m² footprint to high-performance models capable of 2360 prints per hour (4R). Amazing, ultra-high quality prints are available for a variety of occasions and settings. The Digital Minilab Frontier creates an even brighter future for your photo business.

Compact Models

Can be easily installed in various locations



LP7000 is loaded with optional Digital Imaging Controller and flatbed scanner.

iBeam Digital Exposure Engine
Frontier LP 7000 Digital Printer Processor
 Approx. **760** prints (4R) per hour

Standard equipment: One built-in paper magazine, 3-order sorter



LP7100 is loaded with optional Digital Imaging Controller and 10-/12-order sorters.

Laser Engine
Frontier LP 7100 Digital Printer Processor
 Approx. **810** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 3-order sorter



LP7200 is loaded with optional Digital Imaging Controller and three built-in paper magazines.

Laser Engine
Frontier LP 7200 Digital Printer Processor
 Approx. **1040** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 10- or 12-order sorters

Medium-Performance Models

Provide high value-added prints in every shop



Laser Engine
Frontier LP 7500 Digital Printer Processor
 Approx. **1180** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 14- or 17-order sorters



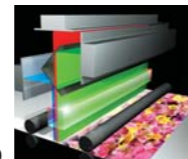
LP7600 is loaded with optional three built-in paper magazines.

Laser Engine
Frontier LP 7600 Digital Printer Processor
 Approx. **1480** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 14- or 17-order sorters

iBeam Digital Exposure Engine

The newly developed iBeam Digital Exposure Engine prints high-quality, vivid images at a high resolution of 300 x 300dpi.



LP7000

High-Performance Models

Swiftly process large volume orders



Laser Engine
Frontier LP 7700 Digital Printer Processor
 Approx. **2120** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 14- or 17-order sorters



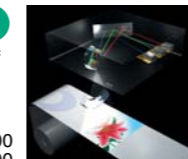
LP7900 is loaded with optional four built-in paper magazines.

Laser Engine
Frontier LP 7900 Digital Printer Processor
 Approx. **2360** prints (4R) per hour

Standard equipment: Two built-in paper magazines, 14- or 17-order sorters

Laser Engine

Due to high-resolution output of 300 x 600dpi, high-quality images are printed with life-like color tones.



LP7100/7200
 LP7500/7600/7700/7900

Film Scanners

High-performance film scanners are available for the Frontier. You can choose the optimum scanner for your shop's business needs.



SP-500

Despite its compact design (0.1m² footprint) and light weight (21kg), it offers superior productivity of 135-film scanning at 211 seconds. This is a compact film scanner specifically for 135-film.



SP-3000

By introducing the automatic film carrier as standard equipment, the SP-3000 can scan both 135 and IX240 film. With the optional carrier, it enables you to scan medium-format film.

Compatible with four/three built-in magazines (factory option)

Up to four built-in paper magazines can be loaded.* Suitable for print orders with various sizes as well as large orders of a uniform size. Supports efficient print production by minimizing the number of times necessary to change the paper magazines.

* Up to three built-in paper magazines can be loaded in the LP 7000/7100/7200. Up to four built-in paper magazines can be loaded in the LP 7500/7600/7700/7900.



Four built-in paper magazines



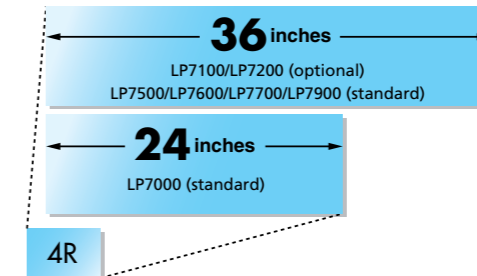
Three built-in paper magazines

36-inch length print capacity

LP 7500/7600/7700/7900 incorporate a standard 36-inch (914.4mm) maximum length print capacity, which is optional for LP 7100/7200.

Now shops can offer new value-added prints to customers.

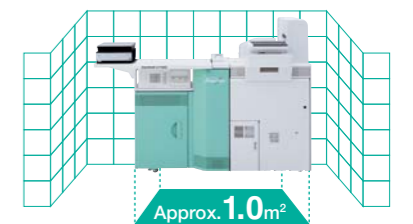
Note: The LP 7000 has a 24-inch maximum length print capacity.



4R

Small footprint of just 1.0m² (10.7 sq. ft.) (LP7000)

With a footprint of approximately 1.0 m², the compact LP7000 can be installed in various locations, achieving greater freedom in deployment. It facilitates the creation of new photo businesses including the introduction in business domains previously unavailable.



Approx. 1.0m²

Auto Set-Up

With the auto set-up function, pre-operation work has been streamlined. When temperature control of a processing unit is completed at a pre-programmed time, Frontier automatically generates a calibration printout, transmits the data to the densitometer, and implements necessary measurements and adjustments. Also, by using the automatic control strips running check unit (optional), it can automatically process a control strip.



Built-in densitometer



Automatic control strips running check unit (optional)

Print Interrupt (10-/12-/14-/17-order sorters)

This function allows you to interrupt large-volume order print orders in progress to execute a higher priority express print order. Sorters for regular orders and express orders are displayed in different colors.



Fujicolor Crystal Archive Paper

Strongly recommended as the optimum color print paper for the Frontier series, Fujicolor Crystal Archive Paper offers faster results along with superior print quality.



Fujicolor Crystal Archive Paper

CP-49E rapid processing chemical system

Adoption of the CP-49E rapid processing chemical system enables chemicals to be replaced at the touch of a button.



FUJIFILM's cutting-edge technology realizes high-quality image processing

Image Intelligence™

Incorporated Image Intelligence™ automatically compensates for problematic conditions, such as, poor lighting, backlighting, high contrast, underexposure or overexposure. Image Intelligence™ also makes skin tones more natural and facial expressions more distinct. Processing time is reduced because photo image correction is automatic at the same time ensuring attractive, customer-pleasing prints.



Original image



Optimized image after image processing

Skin color adjustments and smoothing of skin tones that formerly required manual retouching can be processed easily. These automated image-processing capabilities enable shops to improve productivity and to efficiently provide high value-added prints.

Original image



Skin smoothing

Reproduces skin tones with a smooth, beautiful texture. Suitable for portraits and other uses.

Original image



Skin color adjustment

Adjusts skin color only without changing the color of clothing or background.

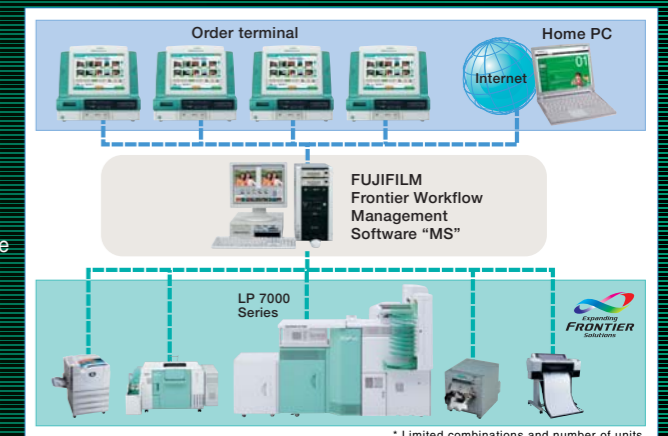
Outstanding Scalability

"MS" outstanding scalability can handle various output devices, including multiple networked Frontier units as dye diffusion thermal transfer printers and wide format inkjet printers.



Expanding Frontier Solutions

Expanding Frontier Solutions



* Limited combinations and number of units



Image Intelligence™

Fujifilm Digital Minilab Frontier 550/570/590 Main Specifications

	Input source	Print sizes	Paper widths	Frontier 550	Frontier 570	Frontier 590
Processing capacity (actual production)	135	3R	127 mm	Approx. 1350 prints/hr	Approx. 1800 prints/hr	Approx. 1800 prints/hr
		4R	152 mm	Approx. 1210 prints/hr	Approx. 1800 prints/hr	Approx. 1800 prints/hr
		12R	305 mm	Approx. 100 prints/hr	Approx. 100 prints/hr	Approx. 100 prints/hr
	Advanced Photo System (IX240)	3R C/H/P-mixed-format prints; 25 exp. roll and index print	89 mm	Approx. 34 rolls/hr	Approx. 50 rolls/hr	Approx. 50 rolls/hr
Media prints (digital still cameras with 2.5 million pixels)	135	3R	127 mm	Approx. 1350 prints/hr	Approx. 1800 prints/hr	Approx. 1800 prints/hr
		4R	152 mm	Approx. 1210 prints/hr	Approx. 1700 prints/hr	Approx. 1700 prints/hr
Processor Capacity (maximum capacity)	135	3R	127 mm	Approx. 1350 prints/hr	Approx. 2210 prints/hr	Approx. 2550 prints/hr
		4R	152 mm	Approx. 1210 prints/hr	Approx. 2040 prints/hr	Approx. 2400 prints/hr
Printable films (using standard or optional film carriers)	<ul style="list-style-type: none"> Color negative film: 135 and Advanced Photo System (IX240) (standard) / 110, 120, 220 (optional) Color positive film: 135 (strips, piece and mounting) (optional) / Advanced Photo System: cartridge and piece (standard); mounting (optional) / 120, 220 (optional) Black-and-white film: 135 (standard) / Sepia (Advanced Photo System) (standard) 					
Print sizes	82.5 x 117 mm ~ 305 x 457 mm					
Processing chemicals	Chemical system CP-49E					
Footprint space	<ul style="list-style-type: none"> Input unit (SP-3000) : Approx. 0.7 m² Output unit (LP-5500/LP-5700) : Approx. 1.2 m² Output unit (LP-5900/with 24 sorter) : Approx. 1.4 m² 					


Input unit SCANNER & IMAGE PROCESSOR Frontier 550, Frontier 570 and Frontier 590 (SP-3000)

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

- 135/IX240 automatic film carrier (standard)
- 135F/P/Hv/135H (optional); Color/black-white negative, color reversal; Piece and strip film.
- IX240: Color/sepia negative, color reversal; Cartridge and strip film.
- Multi-film carrier MFC10AY (optional)
- 110, Advanced Photo System (IX240), 135F, 135P, 135 half, 135FP, 120/220 (6 x 4.5, 6 x 6, 6 x 7, 6 x 8, 6 x 9), 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
 Multi-frame display capability (standard 6-frame display, can be set to display single frame or six frames)
 Input light source: LED
 Power requirements: AC100-240V (50/60Hz), 1.0KVA
 Dimensions: 890 (W) x 770 (D) x 1208 (H) mm
 Weight: Approx. 118 kg (with NC 100AY and 17-inch CRT display).

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 550/570/590 have received the UL/CUL/CE Marks for meeting high safety standards.

Output unit LASER PRINTER/PAPER PROCESSOR Frontier 550 (LP-5500), Frontier 570 (LP-5700) and Frontier 590 (LP-5900)

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 (standard accessory).
 Paper: FUJICOLOR paper (silver-halide).
 Paper widths: 8.9, 10.2, 11.7, 12.7, 15.2, 20.3, 21.0, 25.4, 27.9, 29.7, 30.5 cm.
 Back printing: Two 40-character lines in backside print of information.
 Front printing: Time and date of photograph in black characters in lower-right corner on prints from Advanced Photo System (IX240) cartridge film.
 Color index print and normal prints can be printed from Advanced Photo System/135 (color negative and sepia) film in one pass (by RGB laser exposure).
 Printer sorter:

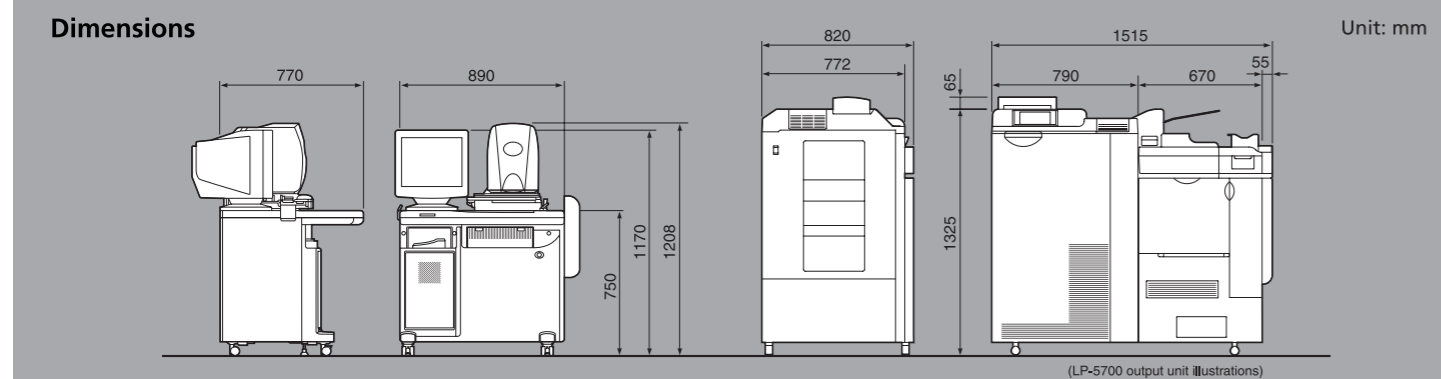
- 550: SU700AY, sorting capacity: 7 orders of C/H/P-mixed format prints.
- 570: SU1400AY, sorting capacity: 14 orders of C/H/P-mixed format prints.
- SU2400AY, sorting capacity: 24 orders of C/H/P-mixed format prints.
- 590: SU1400AY, sorting capacity: 14 orders of C/H/P-mixed format prints.
- SU2400AY, sorting capacity: 24 orders of C/H/P-mixed format prints.

 Printer condition setup: Semi-automatic calibration by AD300 calibrator.
 Processor carriage: Multi-line, sheet carriage.
 Processing time: Dry-to-dry: 1 min. 22 sec.
 Power requirements: AC200-240V (50/60Hz) Single-phase 24A, Three-phase four-wire, 17A approx. 4.8KVA.
 Dimensions:

- 550 (with 7-order sorter): 1515 (W) x 820 (D) x 1390 (H) mm.
- 570 (with 14-order sorter): 1515 (W) x 820 (D) x 1390 (H) mm.
- 590 (with 24-order sorter): 1965 (W) x 850 (D) x 1390 (H) mm.

 Weights:

- 550 (with 7-order sorter): Approx. 460 kg (510 kg during actual operation)
- 570 (with 14-order sorter): Approx. 470 kg (520 kg during actual operation)
- 590 (with 24-order sorter): Approx. 504 kg (554 kg during actual operation)



 **FUJIFILM**
 I&I – Imaging & Information

Transform Your Workflow With Reliable High-Speed Performance



NEW DIGITAL MINILAB
Frontier 550/570/590

 **FUJIFILM**
 FUJI PHOTO FILM CO., LTD.
 26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN

Frontier takes your business to a higher plane, boosts customer satisfaction

The next-generation Digital Minilab Frontier 550/570/590 models set a new standard for high-speed processing, without sacrificing the print quality that customers have come to expect from Frontier. A high-speed laser exposure system and Fujifilm's proprietary Image Intelligence image processing produce exceptional high-quality, high-resolution prints with pure, vivid colors. Expandable to handle a wide variety of digital media, these next-generation Frontier models are simple to operate, even for inexperienced staff, and feature space-saving stylish designs that can be accommodated in any floor space. In combination with Fujifilm's proprietary paper and chemicals, the new Frontier models make it possible to offer speedy "Prints in Minutes" service. That means more satisfied customers coming more often to your store.

DIGITAL MINILAB Frontier 570

Standard
model

Processing capacity (actual production)

1,800 prints/hour(4R size)

Processor capacity (maximum capacity)

2,040 prints/hour(4R size)

Single-order processing time

2' 28" (24 prints/4R size)

Footprint (output unit)

1.2 m²

Print sorter

14 orders

Power consumption

306kWh

Next-generation standard Digital Minilab Frontier features sophisticated functions and state-of-the-art technology. High-capacity output of 1,800 prints (4R size) per hour.



DIGITAL MINILAB Frontier 550

General-purpose
model

Processing capacity (actual production)

1,210 prints/hour(4R size)

Processor capacity (maximum capacity)

1,210 prints/hour(4R size)

Single-order processing time

2' 55" (24 prints/4R size)

Footprint (output unit)

1.2 m²

Print sorter

7 orders

Power consumption

328kWh

Next-generation all-round Digital Minilab Frontier. Reliable output of 1,210 prints (4R size) per hour.



NEW DIGITAL MINILAB Frontier 590

High-performance
model

Processing capacity (actual production)

1,800 prints/hour(4R size)

Processor capacity (maximum capacity)

2,400 prints/hour(4R size)

Single-order processing time

2' 19" (24 prints/4R size)

Footprint (output unit)

1.4 m²

Print sorter

24 orders

Power consumption

296kWh

Next-generation high-performance Digital Minilab Frontier boasts unprecedented high-capacity output of 2,400 prints (4R size) per hour.



Speedy "Prints in Minutes" service significantly cuts your customers' waiting time

Frontier 550/570/590 with high-speed processing technology

Starting with the high-speed, high-precision scanner, the Frontier 550/570/590 have been engineered for greater productivity. Other elements include the high-speed conveyor belt, the highly efficient multi-path chemical processing system, and the fast yet energy-efficient drying system. Sharp, high-resolution images and pure, vivid colors are provided by the Fujifilm-developed high-speed laser exposure unit.



Frontier 570

Advanced Frontier hardware and supporting Fujifilm products are the keys to "Prints in Minutes" service

Fujifilm's proprietary image-development technologies make the difference in processing speed.



Fujicolor Crystal Archive Paper TYPE II

Fujicolor Crystal Archive Paper Type II

Strongly recommended as the optimum color print paper for the Frontier 550/570/590, Fujicolor Crystal Archive Paper Type II paper offers faster results along with superior print quality.

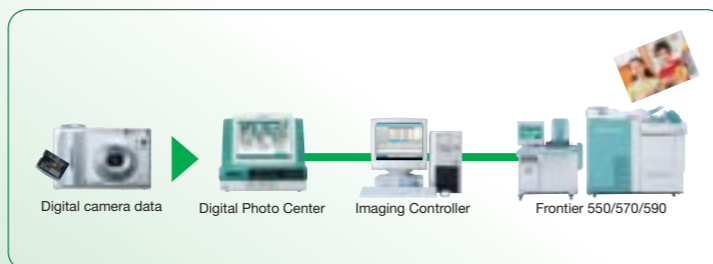
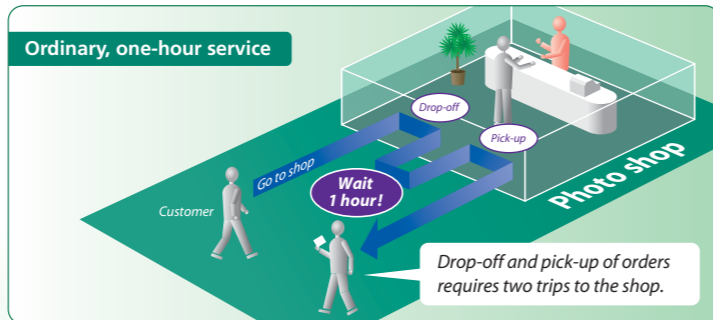
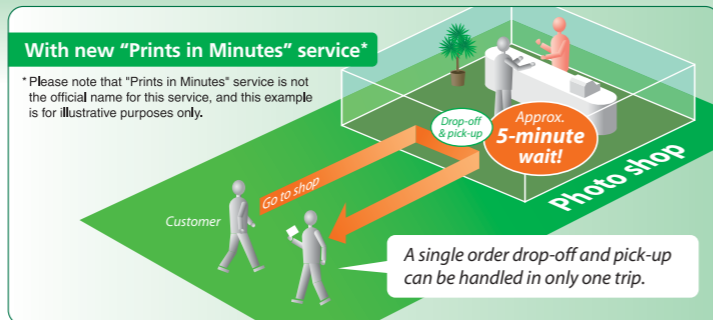


CP-49E chemical system
The CP-49E chemical system guarantees time-saving efficiency. One-touch chemical mixing provides simple, clean and safe processing.

Complete processing in only minutes

The Frontier 550/570/590 deliver the highest processing speed (for a single order*) ever offered by a Frontier minilab. Give your customers the instant gratification of receiving beautiful, full-quality prints in a matter of minutes. In addition, the Frontier 550/570/590 make significant leaps in throughput capacity, meaning you'll be able to handle more business in general and offer better and faster service during peak hours of customer demand.

* 24 prints, 4R size per order



Speedy handling of digital camera orders with Digital Photo Center

The Digital Photo Center supports your store operations by dealing with the ever-increasing number of digital media and digital camera orders. With its fast touch-panel entry system, customers can easily enter orders by themselves. And because your staff don't have to attend to customer orders, they'll have extra time to perform other tasks.

Beautiful prints with minimal effort

"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 550/570/590.

"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 Automatic Red-eye Correction (optional)

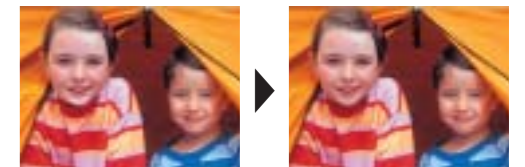
Red-eye correction is now fully automated, so there's no need to halt the production flow to make manual selections or adjustments. Sophisticated image algorithms read every single frame as it's being processed, and distinguish precisely between human faces and other visual subject matter, correcting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



Take full advantage of Fujifilm's promotional tools to publicize Full Automatic Red-eye Correction.

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.



Large 12-inch-wide prints

The Frontier 550/570/590 are set up to produce large-size prints used by professional photographers – up to 12x18 inches – enabling you to offer services to this segment of the market. Even at large dimensions, the prints have beautiful image quality and crisp, clear resolution.



Specialty formats and special services

Various optional software packages give you outstanding flexibility in the menu of services you offer your customers.

Digital camera print service



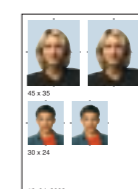
Digital camera photo images in various file formats can be input directly from a variety of camera storage media and computer storage media.



ID photo print service



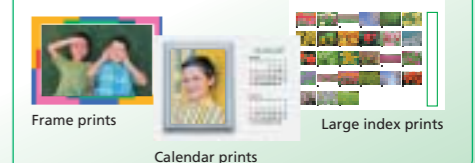
Your customers can order high-quality ID photos from either ordinary film or digital sources. Automatic sizing and trim functions will adjust the relative size of the face in the final photo to meet preset specifications.



Variety print service



Your customers can choose from many attractive specialized print formats.



Watch your business run more smoothly as the FMPC and Frontier Manager streamline your shop's workflow

Enjoy more efficient space and energy usage, and greater convenience in day-to-day operations

Frontier Manager Printer Controller (FMPC) can potentially increase processing capacity by up to 40%*.

* Results according to tests conducted by Fujifilm; results may vary under actual production conditions.

Enhanced production and capacity through simultaneous processing

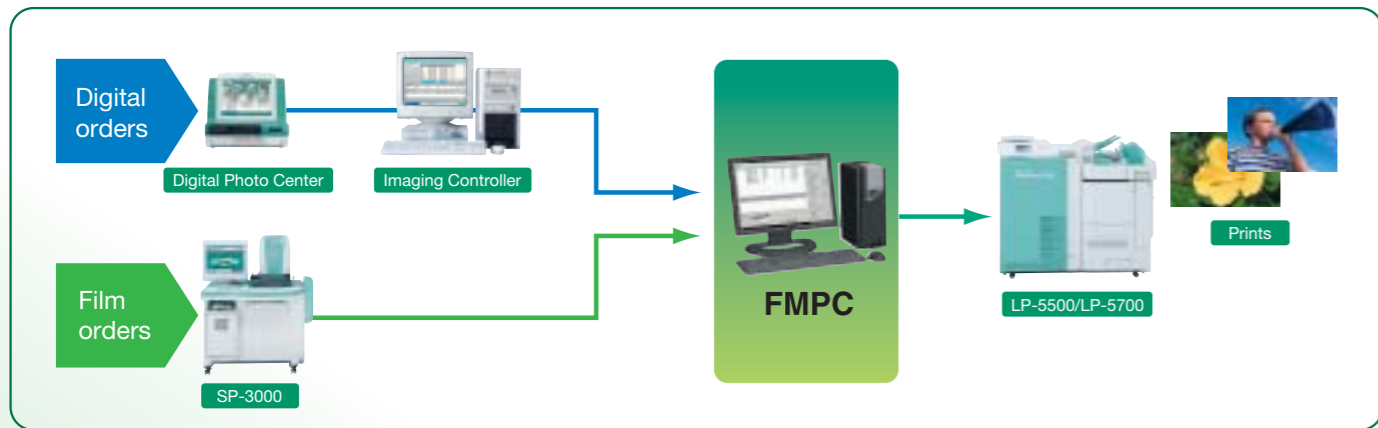
Film and digital image processing can be performed at the same time to eliminate waiting for input and utilize the maximum production capacity of the output unit.

Increased printing efficiency when combined with Frontier Manager

Combining the scheduling function of Frontier Manager with FMPC's simultaneous film and digital processing function makes the workflow more efficient. In addition, FMPC groups orders by print width to reduce the number of paper magazine changes.

More flexibility and better return-on-investment

FMPC can be installed without having to change most of the Frontier 550/570/590 systems; so you get maximum processing efficiency and capacity at minimal costs. With FMPC, the Frontier 550/570/590 are also flexible enough to cope with ever-diversifying print services and increased volume.



Frontier Manager lets you take full control of your store's operations by improving efficiency and productivity in the workflow.

Improved productivity to reduce workflow errors

Print operations are automatically set up for reduced-error workflow.

Easier billing calculations and management

You can automatically calculate and manage each order within the system, thus reducing the time and potential error of manual calculation.

Better time management for orders

Frontier Manager's time-management feature informs the staff of urgent deadline order numbers in red letters to help avoid any delays. Urgent orders are also automatically prioritized.



Intuitive user interface for easier operation

The icon-based operations system for the Frontier 550/570/590 is designed for maximum usability, even by inexperienced staff without special training. Procedural steps and optional choices are laid out clearly onscreen, with context-specific help provided for every step of every operation.



Self-diagnostic system

The Frontier 550/570/590 run continuous self-diagnostic routines during the course of ordinary operation, and full diagnostic information is available in real time. Potential problems trigger an onscreen alert, so that they can be dealt with as quickly as possible.



More processing capacity in less space

Despite their greater processing capacities, the Frontier 550/570/590 are more compact than their predecessors (Frontier 350/370/390). They also allow greater flexibility in your shop's floor layout thanks to their three-sided maintenance configurations – all maintenance operations can be done from the front or the sides, and there's no need to access the back of the unit. Either unit can be placed against a wall, freeing up floor space for other uses, or allowing you to fit the Frontier into a smaller room to begin with.

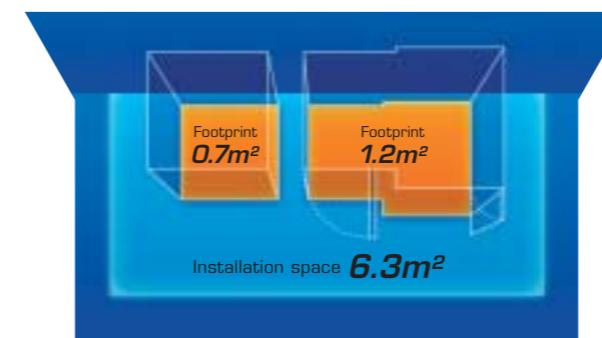
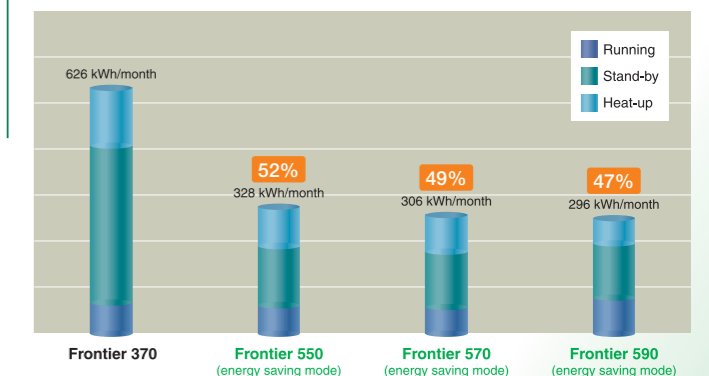


Illustration shows installation space required for 550/570 units

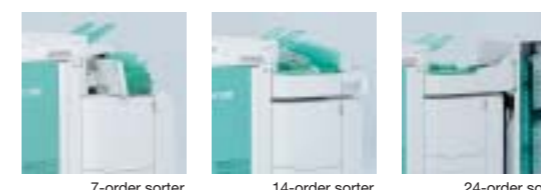
Energy-saving design

Along with engineering improvements, the energy-consumption profile of the output units has been readjusted and optimized to reflect the most common usage patterns. The end result is an energy savings of approximately 50% in energy-saving mode, and approx. 35-45% in standard mode, compared with the previous model (Frontier 370).



24-, 14- and 7-order sorters

The Frontier 550 is available with a 7-order sorter, while the Frontier 570/590 offers a choice of either a 14- or 24-order sorter. The top-mounting of the 7- and 14-order sorters eliminates the need for additional footprint space.



12-inch double paper magazine

The two built-in paper magazines can now handle sizes of up to 12 inches. Although the 12-inch paper magazine is wider than the previous model's 10-inch magazine, it's nonetheless 10% lighter in weight. It also incorporates a newly developed mechanism to minimize paper loss when changing magazines.



DIGITAL MINILAB

Frontier LP5700R

Exceptional speed and productivity
to strengthen your print business



Incredible speed and productivity to strengthen your print business

CP-49E one-touch chemical mixing system maximizes efficiency

Fast across-the-board processing with dry-to-dry time of only 1' 22"

DIGITAL MINILAB
Frontier LP5700R



PROFESSIONAL IMAGE QUALITY AND HIGH PROCESSING CAPACITY



Approx. **2,040** 4x6 prints/hr



Approx. **620** 8x10 prints/hr

HIGH SPEED PROCESSING TECHNOLOGY

Features include the high speed conveyor belt, the multi-path chemical processing system, and the fast drying system.

Sharp, high-resolution images and pure, vivid colors are produced by the Fujifilm-developed high-speed laser exposure unit.



INTEGRATED PAPER & CHEMICALS

Fujicolor Crystal Archive Paper Type II
Recommended as the optimum color print paper for the Frontier LP5700R Fujicolor Crystal Archive Paper Type II offers increased printing speed along with excellent print quality.

CP-49E Chemical System
Maximize time-saving with one-touch chemical mixing for simple clean and safe processing.

Fujicolor Crystal Archive
Paper
TYPE II



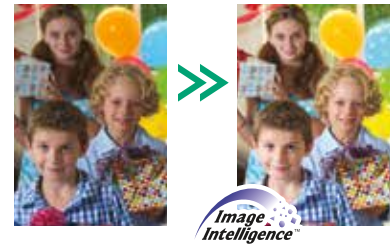
CATERING TO A WIDE RANGE OF SYSTEMS

The Frontier® LP5700R can be efficiently operated and integrated with other Fujifilm products with the use of LANDSCAPE™ Workflow Management Software.



IMAGE INTELLIGENCE™

Fujifilm's proprietary image processing technology, Image Intelligence™ automatically compensates for problematic conditions such as poor lighting, excessive backlight, high contrast, under exposure or over exposure.*



Simulation of image processing technology.
*Only available with Fujifilm Workflow Management software.

DIGITAL MINILAB FRONTIER LP5700R MAIN SPECIFICATIONS

Processing Capacity	Print Sizes	Paper Widths	Prints Per Hour*
Processing Capacity	3 R	127 mm (5")	Approx. 2,210 prints/hr
	4 R	152 mm (6")	Approx. 2,040 prints/hr
	12 R	305 mm (12")	Approx. 300 prints/hr
	82.5 mm (3.2") x 117 mm (4.6") - 305 (12") x 457 mm (18")		
Processing Chemicals	Chemical System CP-49E		
Footprint Space	Approx. 1.2 m ² (included optional unit)		

Printer Sorter	SU1400AY, sorting capacity: 14 orders of C/H/P-mixed format prints
Printer Condition Setup	Semi-automatic calibration by AD300 calibrator
Processing Time	Dry-to-Dry: 1 min. 22 sec.
Power Requirements	AC200-240V (50/60Hz) Single-phase 24A, Three-phase four-wire 17A, Approx. 4.8KVA
Dimensions	(with 14-order sorter): 1,515 (W) x 820 (D) x 1,390 (H) mm
Weight	(with 14-order sorter): Approx. 470 kg (520 kg during actual operation)

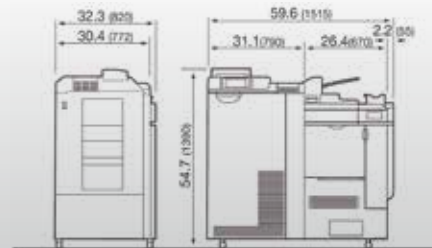
LASER PRINTER/PAPER PROCESSOR LP5700R

Type	Floor-type, normal light operation (laser printer, processor, cutter and sorter in one unit)
Exposure System	Scanning exposure system using RGB lasers
Paper Magazines	Two interchangeable paper magazines (standard accessory)
Paper	Silver-Halide Paper (FUJICOLOR Paper Recommended)
Paper Widths	89 mm (3.5"), 102 mm (4"), 127 mm (5"), 152 mm (6"), 203 mm (8"), 254 mm (10"), 279 mm (11"), 305 mm (12")
Back Printing	Two 40-character lines in backside print of information

*Performance varies depending on processing capabilities of the imaging controller. Specifications are subject to change without notice.

DIMENSIONS

Unit: mm



(LP5700R Illustration)



FUJIFILM North America Corporation
200 Summit Lake Drive, Valhalla, NY 10595
www.fujifilmusa.com

FUJIFILM, FRONTIER, LANDSCAPE and IMAGE INTELLIGENCE are trademarks of FUJIFILM Corporation and its affiliates.
© 2015-2016 FUJIFILM North America Corporation and its affiliates. All rights reserved.
Ref. No. FNACID-LP5700R-1215

DRY MINILAB

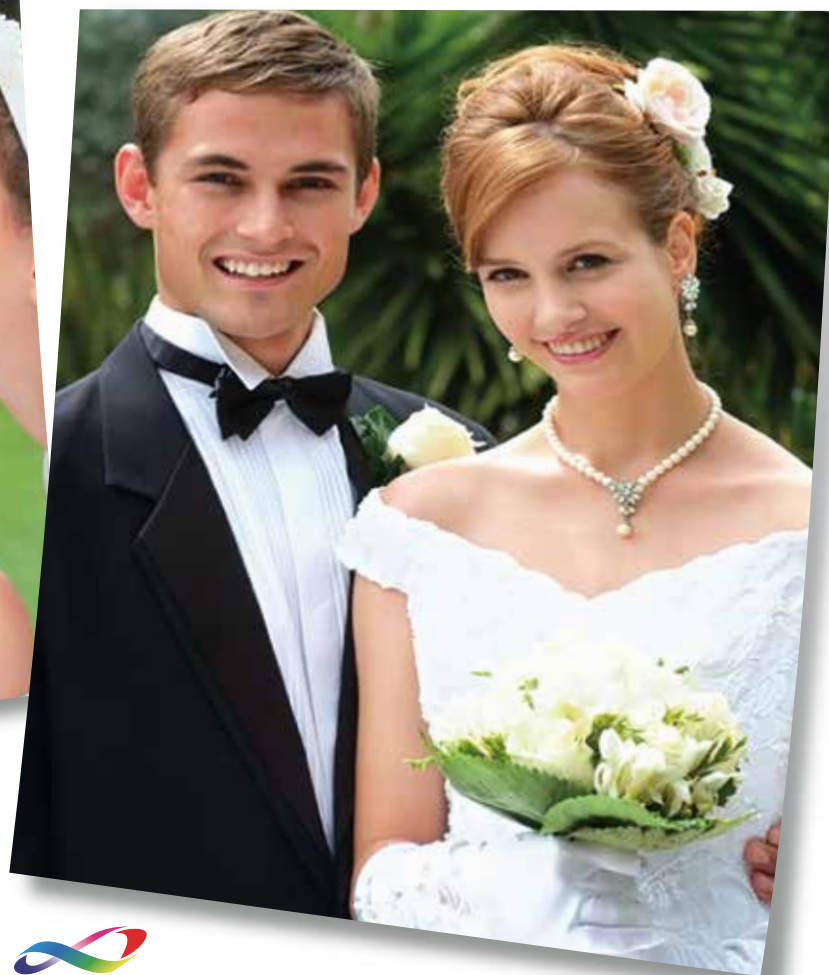
INKJET SYSTEM

Frontier DL650

Professional image quality with high processing capacity

FUJIFILM

Value from Innovation



True professional image quality captured on professional or standard photo paper

Features Vividia™ 6-color ink system for high-quality skin tones and lush blue skies

High-speed production with high-resolution mode of up to 1,440 dpi

DRY MINILAB
Frontier DL650 **INKJET SYSTEM**



PROFESSIONAL IMAGE QUALITY AND HIGH PROCESSING CAPACITY

Approx. **950** prints
per hour (4"×6")
720 dpi

True professional image quality captured on professional or standard photo paper.

6 COLOR FUJIFILM VIVIDIA™ DYE INKS FOR BEAUTIFUL PRINTS

The VIVIDIA™ ink system uses a colorant resulting in enhanced granularity and gradation in medium density areas such as skin tones, blue skies and gradient backgrounds.



TWO SIDED OPERATION

Operation on two sides of the printer (front and left sides) enables the rear and right side to be positioned against a wall to save valuable shop space. Printer's functions are further enhanced with front operation panel.



CATERING TO A WIDE RANGE OF SYSTEMS

The Frontier DL650 can be efficiently operated and integrated with other Fujifilm products with the use of LANDSCAPE™ Workflow Management Software.



Frontier DL650



IMAGE INTELLIGENCE™

Fujifilm's proprietary image processing technology, Image Intelligence™ automatically compensates for problematic conditions such as poor lighting, excessive backlight, high contrast, under exposure or over exposure.*



Simulation of image processing technology.
*Only available with Fujifilm Workflow Management software.

DRY MINILAB FRONTIER DL650 MAIN SPECIFICATIONS

Model Name	DL650
Print Method	Piezoelectric inkjet system
Print Size	127 x 89 mm to 305 x 1,219 mm (5" x 3.5" to 12" x 48")
Print Capacity	Standard Paper* Standard Mode: Approx. 950 print/hr (152 x 102 mm, 4" x 6") Approx. 350 print/hr (203 x 305 mm, 8" x 12") High Quality Mode: Approx. 150 print/hr (152 x 102 mm, 4" x 6") Approx. 60 print/hr (203 x 305 mm, 8" x 12") Professional Paper** Standard Mode: Approx. 950 print/hr (152 x 102 mm, 4" x 6") Approx. 340 print/hr (203 x 305 mm, 8" x 12") High Quality Mode: Approx. 150 print/hr (152 x 102 mm, 4" x 6") Approx. 60 print/hr (203 x 305 mm, 8" x 12")
Print Resolution	Standard Mode: 720 x 720 dpi, High Quality Mode 1,440 x 1,440 dpi
Roll Paper**	Standard Paper* 180 m (591'): 102 mm (4"), 127 mm (5"), 152 mm (6") 100 m (328'): 203 mm (8"), 210 mm, 254 mm (10"), 305 mm (12") Professional Paper** 100 m (328'): 127 mm (5"), 152 mm (6"), 203 mm (8"), 254 mm (10"), 305 mm (12")

Paper Loading	2 roll paper feeders (Built-in)
Paper Supply	Width: 102 to 203 mm (4" to 8") [Front]/102 to 305 mm (4" to 12") [Rear]
Paper Types***	Glossy/Lustre-FUJIFILM Standard Dry Photo Paper for the DL600/DL650 series Glossy/Lustre-FUJIFILM Professional Dry Photo Paper for the DL650 only
Ink Cartridges***	6 Colors (C, M, Y, K, SB, P) of Fujifilm VIVIDIA™ dye based ink (Volume: 700 ml per color)
Back Printing	Two-line back printing capability, up to 40 characters per line
Printer Sorter	10 order sorter (Maximum size 210 x 305 mm, 8" x 12")
Foot Print	Approx. 1.48 m ² (15.93 ft ²) (included sorter unit)
Installation Space	Approx. 3.2 m ² (43.4 ft ²) (included sorter unit)
Power Requirements	100/120V/200-240V (50/60Hz) single-phase two-wire
Dimensions (WxDxH)	1,266 x 1,530 x 817 mm (46.6" x 60.24" x 32.2")
Weight	Approx. 160 kg (352.74 lbs) (included sorter unit)
Power Consumption	Approx. 70.6 kWh/month (in energy saving mode) Approx. 110.5 kWh/month (without energy saving mode)
Operating Conditions	Temperature: 59° to 86° F Relative Humidity 30 to 60%, 20 to 80% (when used with the internal humidity control unit)

Note: Specifications are subject to change without notice.

*FUJIFILM Quality Dry Photo Paper for the DL600 Series

**FUJIFILM Professional Dry Photo Paper for DL650

***Use of non FUJIFILM approved paper rolls or ink cartridges in the DL650 may affect Performance, Warranty, and Service contract availability



FUJIFILM North America Corporation
200 Summit Lake Drive, Valhalla, NY 10595
www.fujifilmusa.com

FUJIFILM, FRONTIER, LANDSCAPE, VIVIDIA and IMAGE INTELLIGENCE are trademarks of FUJIFILM Corporation and its affiliates.
© 2015-2016 FUJIFILM North America Corporation and its affiliates. All rights reserved.
Ref. No. FNACID-DL650-1215

LANDSCAPE Workflow Management Software

Improve lab productivity and produce high-quality prints with centralized workflow management



▶ **Easy-to-learn, engaging operator interface**

▶ **Modern, touchscreen design**

▶ **Visual feedback on connected devices and system status**

▶ **Detailed order inspection screen**

▶ **Intuitive, advanced editing tools**

▶ **On-board user help, training and guidance system**



ADVANCED WORKFLOW SOFTWARE TO HELP IMPROVE YOUR LAB PRODUCTIVITY

LANDSCAPE™ by FUJIFILM is workflow management software designed to add efficiency and automation within retail and independent photo lab environments. LANDSCAPE supports the connected store concept by integrating a wide range of Fujifilm innovative and revenue building solutions. With this range of expanded capabilities, stores and labs can produce high-quality prints, enlargements, posters, cards, photo books and much more.

THE CONNECTED STORE

Increase your capabilities and offer more products to your customers with LANDSCAPE* as your centralized order and workflow management hub.

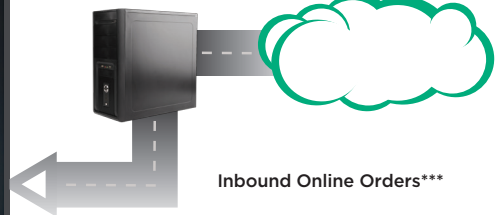
*Compatible with FUJIFILM Equipment and FUJIFILM JobMaker API Enabled OEM Software only.

**Lab configurations connected to LANDSCAPE intended for one FUJIFILM Frontier printer model type. Mixed models not supported.

***Requires integration by third party developer.



Third Party Server***



Inbound Online Orders***

LAB MANAGEMENT



ON-BOARD TRAINING & GUIDANCE SYSTEM

Bring new operators up to speed quickly and easily with our video based, on-board training and guidance system.



SP500 SCANNER WORKSTATION CONFIGURATION

The compact SP500 Film scanner makes it easy to process orders for prints from 135 film.

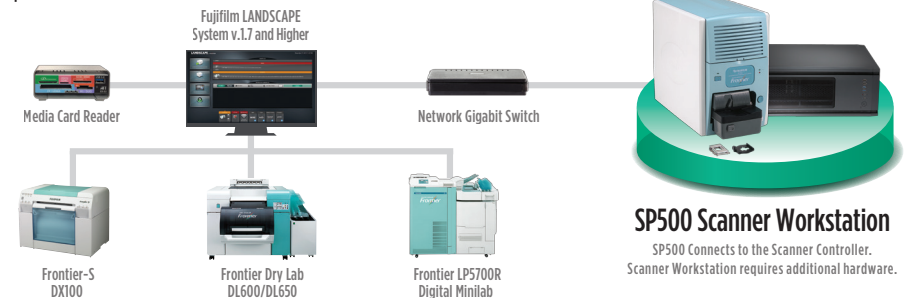


IMAGE INTELLIGENCE™

Fujifilm's proprietary image processing technology, Image Intelligence™ automatically compensates for problematic conditions such as poor lighting, excessive backlight, high contrast, under exposure or over exposure.*

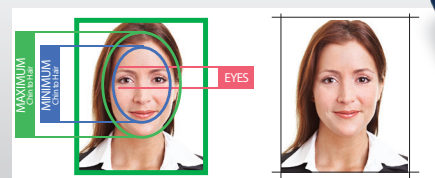


Simulation of image processing technology.

*Only available with Fujifilm Workflow Management software.

PASSPORT PHOTO SYSTEM

- ▶ Quick and easy passport photos
- ▶ Easy to operate interface
- ▶ Preset ID framing for easy alignment



Epson Stylus® Pro 7890 and 9890

REDEFINING THE FUTURE OF PRINTING





A New Standard of Excellence.

For more than a decade, Epson has set the standard by which all other photographic printing technologies are judged. So, when we decided to develop an entirely new generation of photographic printing technology, the significance of this effort inspired our engineers to rethink everything.

Introducing the new Epson Stylus Pro 7890 and 9890 printers.

Representing a new standard of excellence, the Epson Stylus Pro 890 series incorporates our latest achievements in photographic ink jet technology. By combining the precision of our MicroPiezo® TFP®

print head with the proven performance of our eight-color Epson UltraChrome K3® with Vivid Magenta Ink, our newest generation of Epson Stylus Pro printers continue to represent a level of technology unprecedented in Epson's history.

Epson UltraChrome K3 with Vivid Magenta utilizes eight colors — including auto-switching Photo and Matte Black inks — while setting the benchmark standard for the industry. Even more remarkable, when combined with our new AccuPhoto™ HD screening technology, Epson has once again raised the level of print quality.



© 2010 Joseph Holmes

© 2010 Rodney Smith

Our advanced MicroPiezo TFP print head is capable of producing higher quality prints, at speeds almost twice as fast as our previous generation. And, with our latest ink-repelling coating and auto nozzle verification technologies, clogged nozzles are virtually eliminated.

As we did with our higher-end Epson Stylus Pro 900 series printers, Epson has developed, in partnership with X-Rite®, a high performance, in-line spectrophotometer for commercial proofing applications. When driven by the latest front-end RIPs, Epson's SpectroProofer® can automate virtually any color management process in your workflow.

With printers capable of handling virtually any media type, in roll or cut sheet, up to 24" or 44" wide, Epson continues to set the standard for professional media use. Whether producing sellable color or black-and-white photography, point-of-sale signage, or even color accurate commercial proofs for client approvals, creative professionals now have a powerful tool that enables them to produce their vision without compromise.

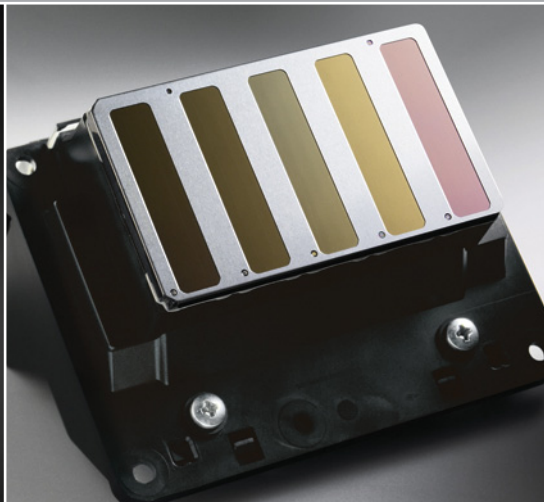
Welcome to a new standard of excellence.



Epson UltraChrome K3 with Vivid Magenta Ink
 Proven pigment ink technology with an amazing color gamut, especially within the blue and purple ranges. Impressive black ink density for rich blacks.

Epson MicroPiezo TFP Print Head
 New exotic Thin Film Piezo print head technology delivers extreme printing performance and high-precision dot placement.

Epson ePlaten™ Technology
 Highly accurate, automatic media loading and handling. Combined with fast, spindle-free roll media support for less chance of media damage.





Advanced Black-and-White Printing Technology

- Unique driver technology takes full advantage of our three-level black system to produce professional black-and-white prints from color or grayscale image files
- Advanced Epson screening technology developed specifically for black-and-white printing
- Produces a truly consistent image with no color crossovers or color casts
- Capable of fine-color adjustment for truly customized black-and-white prints
- Some of the world's greatest black-and-white prints are being produced with this technology



Advanced Print Head Technology

High-Precision Eight-Channel Epson MicroPiezo TFP Print Head

- Thin Film Piezo (TFP) print head design capable of handling eight separate ink channels
- One-inch-wide, high performance print head with 360 nozzles per channel
- Auto-sharing Black ink channel technology
- Low vibration meniscus control for highly accurate dot shape and placement
- Ink repelling coating for dramatically reduced nozzle clogging
- Produces variable-sized droplets as small as 3.5 picoliters to greatly decrease print times while optimizing photographic quality

Epson AccuPhoto HD Screening

- Advanced eight-color screening algorithm resulting in prints with superior color and clarity
- Maximum resolution of 2880 x 1440 dpi for incredibly sharp text and line art
- Produces extremely fine blends and photographic transitions
- Extremely accurate highlight-to-shadow details
- No visible photographic graininess due to the printing process[^]
- Ensures consistent color balance regardless of the viewing light source
- When combined with the precise dot placement accuracy of the Epson MicroPiezo TFP print head, overall photographic print quality is dramatically improved

Automatic Nozzle Verification and Cleaning

- Embedded sensors quickly verify nozzle status without using media and automatically clean the print head if required

Epson UltraChrome K3 with Vivid Magenta Ink

Industry-Defining, Eight-Color, Pigment-Based Ink System

- High-density pigments for an extremely wide color gamut
- Unique formulation of Magenta pigments for extreme blues and purples
- Designed to work with Epson AccuPhoto HD screening technology
- Professional print permanence
- Outstanding short-term color stability for mission-critical proofing applications
- Improved Microcrystal Encapsulation™ technology for reduced gloss differential
- Improved black density up to 2.6 with an L* value ~3.0^B

Three-Level Black Ink Technology

- Simultaneously uses Black, Light Black, and Light Light Black inks
- Significantly improves the gray balance while eliminating color casts
- Outstanding highlight-to-shadow grayscale accuracy for a smoother tonal range
- Virtually eliminates any bronzing of basic pigment chemistry
- Enhances the ICC profiling process for ColorSync® and WCS workflows

Automatic Black Ink Mode Switching

- Both Photo and Matte Black ink cartridges are installed simultaneously
- Depending upon your media type or driver setting, the printer will automatically switch to the correct black ink type
- Switching can occur automatically or provide a warning before proceeding
- Highly-efficient print head design ensures fast switching with minimal ink usage
- Automatically ensures optimum black ink density, regardless of media type used

Epson SpectroProofer 24 and 44

- Optional 24- or 44-inch wide spectrophotometer developed jointly with X-Rite
- Simple installation; fits cleanly into the front of the Epson Stylus Pro 7890 or 9890
- Incorporates a high performance X-Rite ILS20 spectrophotometer for extreme measurement accuracy below 0.2 dE-CMC
- UV-cut and non-UV-cut versions available at the time of purchase
- Both black and white interchangeable backing plates included
- Built-in print dryer to accelerate the dry-down and reading process
- Built-in temperature sensors for internal mechanism and surrounding environment
- When driven by the latest front-end RIP software, the Epson SpectroProofer can automate virtually any color management process in your workflow



Next-Generation Print Engine Technology

Professional Media Handling

- Compatible with virtually any media type, in roll or cut sheets, up to 24" or 44" wide
- Accurate loading of cut-sheet media up to 1.5 mm thick posterboard
- All media is front-loaded via a unique straight-through media path
- Printer and driver based media identification and synchronization system for virtually error-free media use
- Media bin safely captures multiple prints up to 24" x 36" or 44" x 36"
- Optional Automatic Take-up Reel System for unattended production of large print runs (available on the Epson Stylus Pro 9890 only)

Epson ePlaten Media Loading Technology

- Accurate automatic media loading, movement, skew adjustment and tracking
- Electronically controlled roll media back tension
- Automatic roll media rewind upon media release
- Simplifies the overall roll and cut-sheet media loading process

Spindle-Free Roll Media Loading

- User-adjustable roll media adapters accept either 2- or 3-inch media cores
- Simple tension lever ensures quick and secure media core loading
- Designed with Epson ePlaten technology for highly-accurate roll media usage
- Additional media adapter pairs available as an accessory for efficient roll media switching

Roll Media Length Tracking and Identification System

- Real-time automatic remaining roll media length counter
- Auto barcode tagging of remaining roll media information for faster reloading
- Very useful for tracking partially used media rolls

High Performance Rotary Cutting System

- Durable rotary cutter, designed to be virtually maintenance free
- High performance cutting speeds — cuts 24" to 44" wide rolls in under two seconds
- Off-carriage cutting system eliminates media dust within critical components
- Capable of cutting virtually any media type, including most canvas and fine art papers

Epson Intelligent High-Capacity Ink System

- Pressurized ink cartridge technology ensures reliable ink delivery at all print speeds, while dramatically reducing the physical size of the ink cartridges
- Nine individual ink cartridges; available in 150 ml, 350 ml, and 700 ml fill capacities
- On-the-fly ink cartridge replacement for increased productivity
- Mix and match across all three ink cartridge sizes

Easy-to-Use Front Control Panel

- High resolution, 2.5-inch color LCD for improved viewing of printer status
- Simple button layout for all navigation and basic printer functions

Superior Connectivity

- Standard connectivity includes one USB 2.0 and one 10/100 Base-T Ethernet port
- Professional Epson photographic drivers for Macintosh® and Windows®
- Fully supported by most leading third-party software RIPs and workflows

World-Class Service and Support

- Includes one year of limited coverage under the Epson PreferredSM Protection Plan with toll-free telephone support available Monday through Friday and usually next-business-day, on-site service
- Optional one- or two-year Epson Preferred Plus service plans available

High Performance Print Engine Speeds

Utilizing our latest print head technology, the Epson Stylus Pro 7890 and 9890 series printers are among the fastest wide-format printers in the industry.

Print Mode ^E	16" x 20"	20" x 30"	40" x 60"
Fine – 720 dpi HS 'Production Mode'	1:53	4:03	12:26
Fine – 720 dpi HS	2:53	5:03	15:26
SuperFine – 1440 dpi HS	3:47	6:39	24:20
SuperPhoto – 2880 dpi HS	7:14	12:52	40:05

HS = High-speed Print Mode (Bi-directional Print Mode) | Print speeds are shown in min:sec.
Production Mode = HS + Super MicroWeave 'Off'

Epson Signature Worthy Papers

The Epson Stylus Pro 7890 and 9890 have been optimized for use with Signature Worthy® papers, which are considered by many to set the benchmark standard in high-end digital imaging for photographic and fine art applications. Representing the finest in color fidelity, smooth tonal transitions, exceptional black density and longevity, Signature Worthy papers are used by the most demanding creative professionals worldwide.



Epson Stylus Pro 7890 and 9890 Print Engine Specifications

Printing Technology

Advanced MicroPiezo TFP print head
with ink repelling coating technology
8-channel, drop-on-demand, ink jet print head
9-cartridge (C, Lc, VM, VLm, Y, Lk, LLk + PK or MK)
Auto head alignment and cleaning technology
Auto sharing black ink channel
Epson UltraChrome K3 with Vivid Magenta Ink technology
Professional-level pigment-based ink technology

Nozzle Configuration

Color and Monochrome 360 nozzles x 8

Droplet Technology

Smallest droplet size 3.5 picoliters
Variable Droplet Technology produces up to three different droplet sizes per print line

Epson Intelligent Ink Cartridges^c

Starter cartridge fill volume	110 ml x 9 total colors (used for initial fill at setup)
Replacement cartridge fill volume	150 ml, 350 ml or 700 ml each color x 9 colors total
Ink cartridge shelf life (recommended)	2 years from printed date or 6 months after open

Resolution

2880 x 1440 dpi; 1440 x 1440 dpi; 1440 x 720 dpi;
720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi

Auto-Sharing Black Ink Technology^d

Black Ink Conversion	Time	Ink Used
Photo to Matte Black	2:07	1.13 ml
Matte to Photo Black	2:55	3.34 ml

Print Engine Speed^e

16" x 20" prints from	1:53 to 7:14	–	Normal is 3:47
20" x 30" prints from	4:03 to 12:52	–	Normal is 6:39
40" x 60" prints from	12:26 to 40:05	–	Normal is 24:20

Acoustic Noise Level

Approximately 45 dB(A) according to ISO 7779

Operating Systems Supported

Macintosh Leopard 10.5 or higher (16-bit file support)
Windows XP/Vista/7 (both x32 and x64 supported)

Printer Interfaces

Includes as standard one Hi-Speed USB 2.0 (1.1 compatible) and one Ethernet port (10/100Base-T)

Dimensions

SP7890 54" (W) x 27" (D) x 48" (H)
Weight: 187 lb
SP9890 74" (W) x 27" (D) x 48" (H)
Weight: 256 lb
Dimensions and weight include printer stand

Electrical Characteristics

Voltage	AC 100 – 240 V
Frequency	50 – 60 Hz
Power consumption	
Operating	70 W
Sleep	< 16 W
Off (standby)	< 1 W

Optional SpectroProofer (24"/44")

Carriage mechanism	24" or 44" wide
Spectrophotometer	X-Rite ILS20EP
Measurement accuracy	Below 0.2 dE94
Minimum patch size	7.9 mm (W) x 7.9 mm (H)
Measurement time	15 patches per second
UV handling	UV and UV-cut version available (at time of order)
Backing color	Both white and black backing plates included
Workflow integration	Most leading third-party RIPs and workflows

Printable Area

Maximum paper width	SP7890 – 24" SP9890 – 44"
Maximum printable width	SP7890 – 24.16" SP9890 – 44.16"
Left and right margins	0 to 3 mm each (0.24" total)
Maximum printable length	Limited by application, OS, and driver/RIP used
Minimum paper width	210 mm (8.27")

Media Handling

SP7890	Media input	Single roll up to 24" width
	Cut-sheet size	Up to 24" wide media (auto-loading)
SP9890	Media input	Single roll up to 44" width
	Cut-sheet size	Up to 44" wide media (auto-loading)
	Roll media take-up reel (SP9890 only)	Auto forward and backwards; Light-based media tension sensor
	Media core compatibility	User-adjustable roll media adapters accept either 2" or 3" media cores
	Max. roll media diameter	6" (when using a 3" core)
	Media weight	12 lb bond (0.08 mm), up to 1.5 mm posterboard
	Minimum sheet size	210 mm x 279 mm / 8.27" x 11"
	Built-in media cutter	Rotary cutting, automatic and manual

BorderFree[®] Printing

Left and right borderless "bleed" printing for the following roll media widths:

SP7890	10", 13", 16", 17", 24"
SP9890	10", 13", 16", 17", 24", 36", 44"

Top and bottom edges can be automatically cut to any length when printing on roll media.

Print Permanence^f

Epson UltraChrome K3 Ink	Color: Up to 200 years B&W: Over 200 years
--------------------------	---

Epson PreciseColor[™] Manufacturing

In order to ensure consistent printing between multiple Epson Stylus Pro printers of the same model, Epson has refined the manufacturing process to include colorimetric calibration. This process evaluates and adjusts each printer's performance at the manufacturing stage, ensuring consistent color output from printer to printer and print to print.

Product/Accessories

Product/Accessories	Part Numbers	
	SP7890	SP9890
Epson Stylus Pro Printer Designer Edition (Also includes EFI eXpress RIP for Epson)	SP7890K3 SP7890DES	SP9890K3 SP9890DES
Epson SpectroProofer UV-cut filter version	SPECTRO24 SPECTRO24UV	SPECTRO44 SPECTRO44UV
Automatic Take-up Reel System	Not Available	C12C815321
Replacement 44" Take-up Reel Core	Not Available	C815121
Additional Roll Media Adapters	C12C811241	C12C811241
Replacement Printer Cutter Blade	C12C815331	C12C815331
Replacement Ink Maintenance Tank	C12C890191	C12C890191

Extended Service Programs

Additional One-year Epson Preferred Plus Service	EPP7898B1	EPP7898B1
Additional Two-year Epson Preferred Plus Service	EPP7898B2	EPP7898B2
Additional One-year Epson Preferred Plus Service SpectroProofer only	EPPSPB1	EPPSPB1

Epson UltraChrome K3 Ink	150 ml	350 ml	700 ml
Photo Black ink cartridge	T642100	T596100	T636100
Cyan ink cartridge	T642200	T596200	T636200
Vivid Magenta ink cartridge	T642300	T596300	T636300
Yellow ink cartridge	T642400	T596400	T636400
Light Cyan ink cartridge	T642500	T596500	T636500
Vivid Light Magenta ink cartridge	T642600	T596600	T636600
Light Black ink cartridge	T642700	T596700	T636700
Matte Black ink cartridge	T642800	T596800	T636800
Light Light Black ink cartridge	T642900	T596900	T636900

- A Photographic graininess could still be visible if present in the actual file being printed.
B Dmax and L* values are based on Epson Premium Luster Photo Paper (260).
C Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. A variable amount of ink remains in the cartridge after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and color printing. For more information about cartridges, see www.epson.com/cartridgeinfo
D Ink used in conversion varies considerably based on temperature and other factors.
E Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc. Normal Mode based on SuperFine – 1440 dpi.
F Print permanence based on accelerated testing of prints on specialty media, displayed indoors, under UV coated glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

For more details, visit our website at:
www.proimaging.epson.com

Better Products for a Better Future[®]

For more information on Epson's environmental programs, go to eco.epson.com



Epson America, Inc.: 3840 Kilroy Airport Way, Long Beach, CA 90806
Epson Canada, Ltd.: 3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5
Internet website: www.proimaging.epson.com



Specifications and terms are subject to change without notice. Epson, Better Products for a Better Future, Epson Stylus, Epson UltraChrome K3, MicroPiezo, SpectroProofer and TFP are registered trademarks, Epson Exceed Your Vision is a registered logomark and Microcrystal Encapsulation is a trademark of Seiko Epson Corporation. BorderFree and Signature Worthy are registered trademarks, AccuPhoto, ePlaten and PreciseColor are trademarks and Epson Preferred is a service mark of Epson America, Inc. Microsoft, Windows, Windows Vista and the Windows logos are trademarks of the Microsoft group of companies. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2010, Epson America, Inc. CPD-33376 XXX 12/10 XX