FUJIFILM
Value from Innovation

INKJET SYSTEM
Frontier DE100

Elevating your photo print business

Evolution — Compact but Powerful

The Frontier DE100 is a compact inkjet photo printer that produces high quality images on a variety of photo paper types. Its flexible system configuration supports a wide variety of print products to satisfy an extensive range of digital photography printing opportunities.

Frontier DE100

Evolve to Satisfy Business Needs

Flexible System Configuration for Diverse Customer Applications

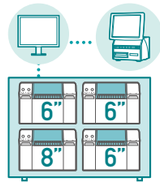
To fit your business needs, the most effective system can be configured by combining up to four or more Frontier DE100s along with software and optional equipment.

×2

Self-printing system
(Dual-unit configuration)

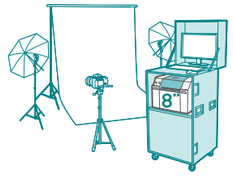
A wide variety of paper surfaces and sizes that can never be offered by a dye-sublimation printers

×4



Minilab system
(Quad-unit configuration)

Small investment delivers the same superior processing capacity of inkjet minilab



×1

Event photo system

Compact and easy to carry, yet offering high quality images

Approx. **330*** (4″×6″) sheets/hour

Approx. **10.8** (4″×6″) sec./sheet

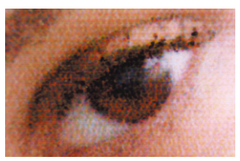
In case of Quad-unit
Approx. **1,320** (4″×6″) sheets/hour

*It depends on our specified measurement method. Above performance may not be satisfied in some cases according to the use environment and condition.

Evolve to Fulfill Quality Requirements

Smooth and Sharp Print Image Quality

The Frontier DE100 uses 4 inks, which produce beautiful prints with exceptional granularity and sharpness resulting complete customer satisfaction.



General inkjet printer (6-color inks)

DE100

Fujifilm's Superior Image Processing

Image Intelligence™

Fujifilm's proprietary technology Image Intelligence™ automatically compensates for problematic conditions such as poor lighting, excessive backlight, high contrast, underexposure and overexposure – to produce beautiful images.

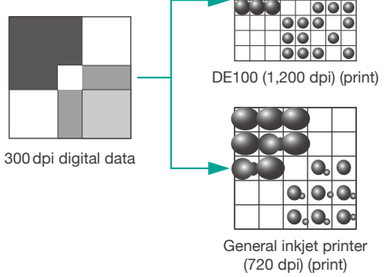
Original image

Optimized image after image processing

Highest Quality with most precise placement of ink droplets

Combining ViViDiA D-photo high viscosity 4-color inks developed with our proprietary technology and a high resolution (1,200 × 1,200 dpi) printhead facilitates precise jetting of 1-picoliter ink droplets on photo paper. Sharp images are created by preventing misaligned jetting, which can produce a rough print surface and ink deformation.

ViViDiA — Cyan Magenta Yellow Black



Evolve to Meet Consumer Trends

Expand revenue and meet customer trends with surface flexibility and high quality thickness

Unlike dye-sublimation printers limited to standard paper sizes, the Frontier DE100 supports a variety of paper sizes (89 × 50 mm–210 × 1,000 mm), including square prints that have been popularized by smart phone apps, wallet prints, and banner prints for room decorations.

A variety of Paper Surfaces

Supports Glossy, Luster and Silk.
Other paper surfaces will soon be supported to realize much wider range of print products.

Wallet

50 × 89 mm

Square

89 × 89 mm

102 × 102 mm

4R

102 × 152 mm

Paper width (mm)	89 / 102 / 127 / 152 / 203 / 210
Paper length (mm)	50 – 1,000

A4

210 × 297 mm

Banner

210 × 1,000 mm

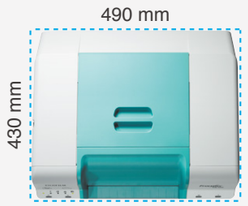
Saving space and time, boosting business efficiency

Saves Space

Compact Size

With a required footprint of only 0.21 m², the printer can be installed in small spaces.

0.21 m²



Saves Time

Let your staff focus on selling with less frequency changes and simple maintenance

Easy Maintenance

Simply open the front cover to replace ink cartridges or paper roll.

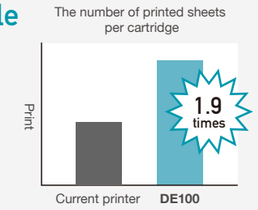
Discharge scrap paper

Replace a paper roll

Replace an ink cartridge

Reducing Consumable Replacement

The frequency of consumable replacement is reduced by the high viscosity ink which increases the number of photo prints per cartridge to 1.9 times.



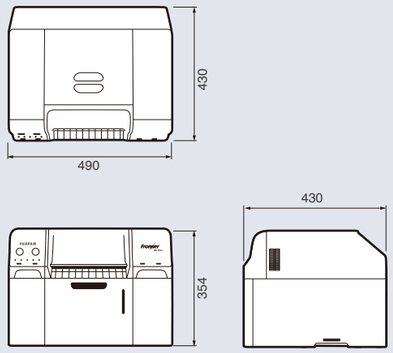
Frontier DE100 Main Specifications

Print mode	Standard mode / High Quality mode
Print method	Piezoelectric inkjet system
Print size	89 × 50 mm – 210 × 1,000 mm
Print speed	10.8 sec./sheet (4" × 6") / Standard mode
Print resolution	1,200 × 1,200 dpi / Standard mode 2,400 × 2,400 dpi / High Quality mode
Paper loading	1 roll
Paper types	Glossy, Luster and Silk
Ink cartridges	4 colors (C, M, Y, K) of dye-based ink (volume: 200 ml per color)
Footprint	Approx. 0.21 m²
Power requirements	AC100V-120V, 50/60Hz, 6.0A AC220V-240V, 50/60Hz, 3.0A
Dimensions (mm)	W490 × D430 × H354
Weight	Approx. 26.5 kg (not including paper and ink cartridges)

**Specifications are subject to change without notice.*

Dimensions

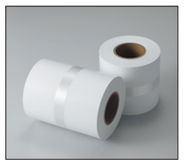
Unit: mm



Consumables

Special Paper for High Quality Prints

Fujifilm Quality Dry Photo Paper



	65 m rolls			Rolls per Box
	Glossy	Luster	Silk	
89 mm	○	○	–	2 rolls
102 mm	○	○	–	2 rolls
127 mm	○	○	○	2 rolls
152 mm	○	○	○	2 rolls
203 mm	○	○	○	2 rolls
210 mm	○	○	–	2 rolls

Fujifilm's Proprietary High Viscosity Inks

Fujifilm DE Ink Cartridge

200ml

Color
Black
Cyan
Magenta
Yellow

FUJIFILM

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052, JAPAN

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