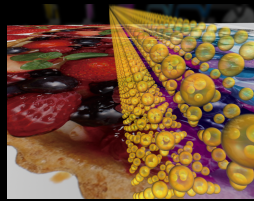


DreamLabo 5000

Canon's proprietary FINE print head technology redefines possibilities



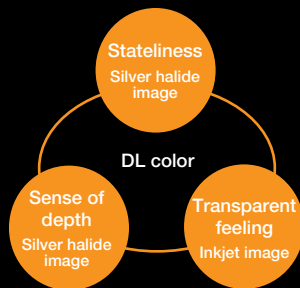
FINE high-density print head technology combines high resolution and high printing speed — two seemingly conflicting benefits — at an



exceedingly high level. This feat was accomplished by merging high-precision jets with ink-spray technology that delivers the ink consistently with high precision, onto the media. With the DreamLabo 5000, even the most demanding photo quality objectives are fully met.

DL color combines the advantages of silver-halide and inkjet images to deliver a genuine edge in image expression

What is the advantage of silver-halide images? Canon defines it as a sense of depth and stateliness. On the other hand, inkjet images offer an advantage in transparency. With the birth of DL color in DreamLabo 5000, users can enjoy the strengths of both silver halide and inkjet images.



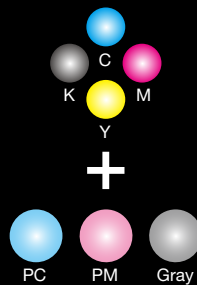
Accelerated one-pass printing employs a new fixed line head for high-speed printing with a single pass

In its quest for greater speed and efficiency, Canon developed accelerated one-pass photo printing. This feature uses seven fixed line print heads and 2400dpi high-density jets that rapidly eject large quantities of ink to print in a single pass. Remarkably, it can produce 10" x 8" (25 x 20cm) photos at a rate of approximately 1,180 copies per hour.

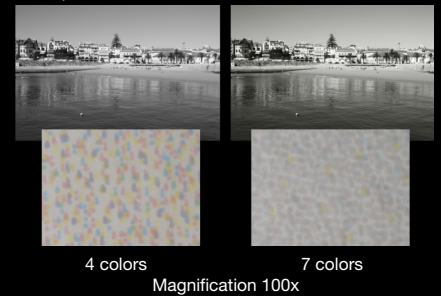
<p>10" x 8"/25 x 20cm Single-sided</p> <p>Approx. 1,180 Pages per Hour</p>	<p>12" x 12"/30 x 30cm Double-sided</p> <p>Approx. 680 Pages per Hour</p>
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Seven dye-based inks enhance the range of color gamut for smoother gradations and more faithful skin tones

In addition to CMYK, DreamLabo 5000 employs photo cyan, photo magenta and gray dye-based inks to reproduce wider ranging shades and achieve more precise color control. These seven dye-based inks deliver color and B&W photos with extra smooth gradations. Thanks to gray ink, stable color reproduction and less color cast can be realized.

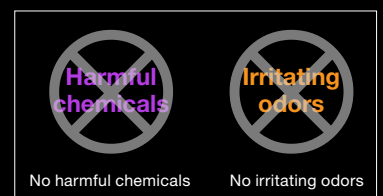


When printing black & white photos



Designed for lengthy continuous operation, minimal maintenance, and safe usage (no harmful chemicals)

As most periodic replacement parts can be replaced by your own staff members who have received a certified training program from Canon, there is no need to wait for Canon personnel to arrive when maintenance issues arise. This contributes to minimal downtime and maximum uninterrupted work efficiency.



Standard double-sided printing eliminates manual process

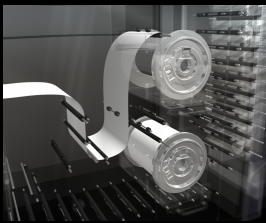
DreamLabo 5000 features automatic double-sided printing, which is especially convenient when printing photo albums and on-demand two-sided documents. It can print approximately 680 12" x 12" (30 x 30cm) pages an hour. Thanks to double-sided printing, the manual process of pasting pages together can finally be relegated to the past. Enjoy increased efficiency with DreamLabo 5000.

In addition, accurate print position control is realized by reading the registration mark with the built-in high resolution scanner.

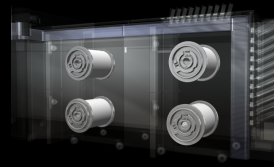


Double paper magazines enable paper changes whilst printing

DreamLabo 5000 automatically feeds paper from a second roll when the first roll is used up. The empty roll can be replaced during printing without interrupting the print job or workflow. Roll paper of widths between 5" (127mm) and 12" (305mm) are supported. An optional paper deck may be added giving an additional two paper magazines, bringing the total to four. This will give you longer printing sessions (up to 920m length) or printing of up to four different sizes without changing rolls.



Standard double paper magazine stores two paper rolls



The optional paper deck raises the total to four paper magazines

option

Automatic detection of faces and scenes combines with high-level image enhancement functions

Various image enhancement functions automatically analyze the image and make suitable adjustments depending on the type of scene. This dramatically reduces the time and effort required to manually adjust brightness in specific areas; correct a color cast, face complexion or red-eye; optimally adjust the image based on type of scene, etc. Upon request, Canon can customize color output to match that of another printer or meet other specific customer requirements.

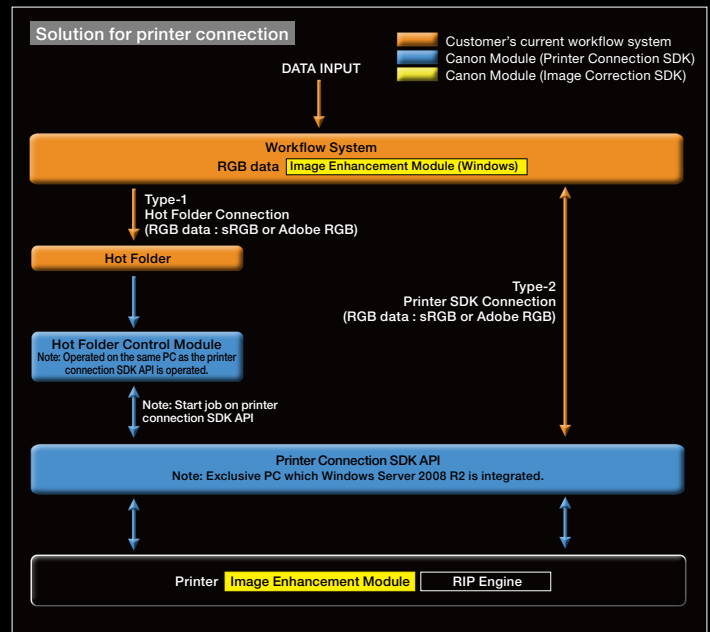


Correction OFF



Correction ON

[Photo with blue color cast]
Auto image correction brightened the sky and ocean, whitened the clothes, and made skin tones more natural.



Specifications

Print technology	Inkjet technology	
Input	RGB (sRGB / Adobe RGB)	
Print resolution	2400 x 1200 dpi	
Print size	3.5" x 3.5" ~ 12" x 25" (89mm x 89mm ~ 305mm x 635mm)	
Productivity	12" x 12" (305mm x 305mm) Double-sided	approx. 680 pages per hour
	12" x 12" (305mm x 305mm) Single-sided	approx. 780 pages per hour
	12" x 25" (305mm x 635mm) Single-sided	approx. 380 pages per hour
	10" x 8" (254mm x 203mm) Double-sided	approx. 1,030 pages per hour
	10" x 8" (254mm x 203mm) Single-sided	approx. 1,180 pages per hour
	6" x 4" (152mm x 102mm) Single-sided	approx. 2,330 pages per hour
Ink	Seven dye-based inks	Black, cyan, magenta, yellow, photo cyan, photo magenta, gray
	Paper supply	Two rolls loadable Four rolls loadable (With optional paper deck)
Sorter	Large-size	10 bins
	Small-size	10 bins
Installation space	Width: 247.7" x Depth: 150.7" x Height: 82.3"	
	Width: 275.1" x Depth: 150.7" x Height: 82.3" (With optional paper deck)	

Note: The values of productivity are estimated by using canon's measurement method.

Dimensions and Weight

Dimensions	Width: 142.9" x Depth: 63.0" x Height: 60.6"
	Width: 170.3" x Depth: 63.0" x Height: 60.6" (With optional paper deck)
Weight	[Max weight] approx. 5,820lb
	[Max weight] approx. 6,393lb (With optional paper deck)

Note: Max Weights include following components : 7 ink tanks, 7 print heads, 2 or 4 rolls of paper, the back side printer, a wirehead, an ink ribbon, waste ink, humidifying water, and coolant. (Floor plates are not included)

Paper Type

Paper type	Length (yard)	Weight (gsm)	Thickness (µm)	Width (inch)								Total (number of sizes)		
				5"	5.33"	6"	8"	8.27"	10"	11"	11.69"		12"	
Glossy type (single-sided)	175	275	270	●	●	●	●	●	●	●	●	●	●	9
Glossy type (double-sided)	131	250	235	-	-	-	-	●	-	-	-	-	●	2
Satin type (double-sided)	197	165	185	●	-	●	-	●	●	●	●	●	●	7
Luster type (single-sided)	219	200	205	-	-	-	-	●	-	-	-	-	●	2
	175	266	260	●	●	●	●	●	●	●	●	●	●	5
Luster type (double-sided)	131	230	250	●	-	●	-	●	-	-	-	-	●	7
Silky type (single-sided)	252	185	185	●	-	●	-	●	●	●	●	●	●	7
Metallic silky type (single-sided)	219	198	193	-	-	-	-	●	-	-	-	-	●	2

Note: The thickness and weight should be used for reference purpose only.

Environmental

Operating Environments (Temperature/Humidity)	15°C-27°C / 30%-70%	
Power Requirements	USA, Canada, Mexico	Three-phase 208V 30A 60Hz x 2
		Single-phase 208V 30A 60Hz x 1
Power Consumption	When Printing	Approx. 5,500Wh
	OFF	Approx. 50Wh
Operating noise level	Max. 70dB(A)	

1. This product is intended for print-use only. For photo album production, a book binding process would be necessary with other equipment.
2. Design and specifications are subject to change without notice.