DreamLabo 5000

Redefining the limits of photo print quality

Outstanding quality

The DreamLabo 5000 uses Canon's FINE high-density print head technology which combines high resolution and high print speeds to ensure the most exacting photo printing demands are met. High-precision jets deliver inks accurately and consistently onto the media.

FINE
Full-photolithography Inkjet
Nozzle Engineering

Automatic double-sided printing

The DreamLabo 5000 features automatic double-sided printing at approximately 1,000 A4 pages an hour – especially convenient when printing photo books and on-demand two-sided documents. In addition, accurate print position control is realised by reading the registration mark with the built-in high resolution scanner.

Super-quick one-pass printing

Seven fixed line print heads and 2400 dpi high-density jets rapidly eject large quantities of ink to print in a single pass for greater speed and efficiency. The DreamLabo 5000 can therefore produce 4" x 6" (10 x 15 cm) photos at a super-quick rate of around 2,330 prints per hour.

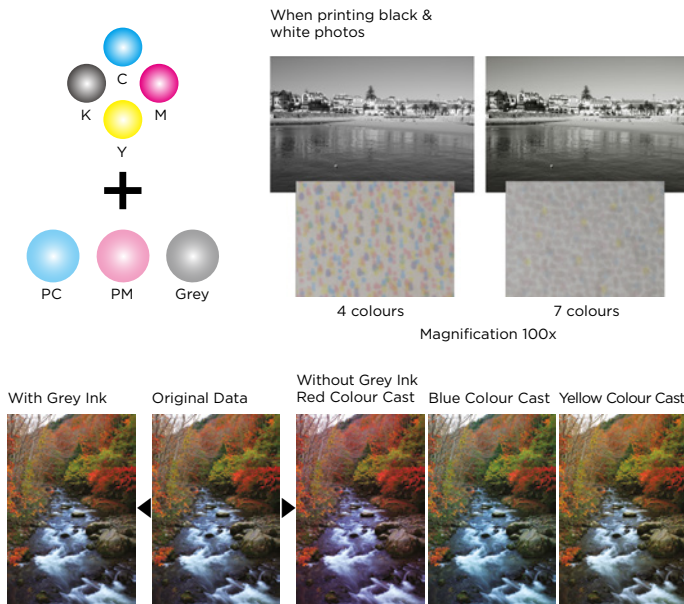| 6" x 4"/15 x 10 cm Single-sided	A4 size (11.69"x8.27"/29.7x21 cm) Double-sided
Approx. **2,330** Pages per Hour	Approx. **1,000** Pages per Hour

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Smoother gradations, more faithful skin tones

In addition to CMYK, photo cyan, photo magenta and grey dye-based inks are used to reproduce a wider range of shades and achieve more precise colour control. These seven dye-based inks deliver colour and black and white photos with extra smooth gradations and more faithful skin tones. And thanks to the grey ink, stable colour reproduction and less colour cast can be realised.

C
K   M
Y

+

PC   PM   Grey

When printing black & white photos

4 colours   7 colours

Magnification 100x

With Grey Ink   Original Data   Without Grey Ink Red Colour Cast   Blue Colour Cast   Yellow Colour Cast
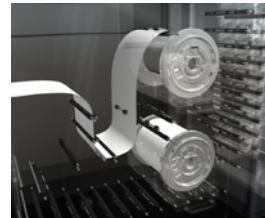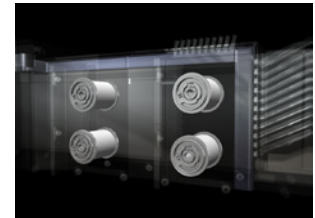
Dependable performance

The DreamLabo 5000 is designed for continuous operation, requiring minimal maintenance. After attending a Canon training program, most periodic parts replacement can be undertaken by your own staff, keeping maintenance calls to a minimum and maximising workflow efficiency.

Change paper while printing

Paper is automatically fed from a second roll when the first roll is used up. The empty roll can be replaced during printing without workflow interruption. Roll paper of widths between 5" (127 mm) and 12" (305 mm) are supported. An optional paper deck may be added featuring two additional paper magazines, for a total of four. This ensures longer printing sessions (up to 920 m length) or up to four different sized print jobs, without roll changing.

Standard double paper magazine stores two paper rolls

The optional paper deck raises the total to four paper magazines

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" (89 mm x 89 mm ∼ 305 mm x 635 mm)
Productivity	11.69" x 8.27" (297 mm x 210 mm) double-sided approx. 1,000 pages per hourw
	11.69" x 8.27" (297 mm x 210 mm) single-sided approx. 1,140 pages per hour
	12" x 25" (305 mm x 635 mm) single-sided approx. 380 pages per hour
	12" x 18" (305 mm x 457 mm) single-sided approx. 525 pages per hour
	6" x 4" (102 mm x 152 mm) single-sided approx. 2,330 pages per hour
Ink	Seven dye-based inks Black, cyan, magenta, yellow, photo cyan, photo magenta, grey
Paper supply	Two rolls loadable Four rolls loadable (With optional paper deck)
Sorter	Large-size 10 bins Small-size 10 bins
Installation	Width: 6,292 mm x Depth: 3,829 mm x Height: 2,090 mm
space	Width: 6,987 mm x Depth: 3,829 mm x Height: 2,090 mm (With optional paper deck)

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

Dimensions and Weight

Dimensions	Width: 3,630 mm x Depth: 1,600 mm x Height: 1,540 mm (With optional paper deck)
Weight	[Max weight] approx. 2,640 Kg
	[Max weight] approx. 2,900 Kg (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).

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English edition
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Paper Type

Paper type	Length (m)	Weight (gsm)	Thickness (µm)	127	135	152	203	210	254	279	297	305	Total (number of sizes)
Glossy type (single-sided)	160	275	270	●	●	●	●	●	●	●	●	●	9
Glossy type (double-sided)	120	252	237	-	-	-	●	-	-	-	-	●	2
Satin type (double-sided)	180	165	185	●	-	●	●	●	●	●	-	●	7
Luster type (single-sided)	200	200	205	-	-	-	●	-	-	-	-	●	2
	160	266	260	●	-	●	●	-	●	-	-	●	5
Luster type (double-sided)	120	252	245	●	-	●	-	●	●	●	●	●	7
Silky type (single-sided)	230	185	185	●	-	●	●	●	●	●	-	●	7
Metallic silky type (single-sided)	200	198	193	-	-	-	-	●	-	-	-	●	2

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

Environmental

Operating Environments (Temperature/Humidity)	15℃-27℃ / 30%-70%
Power Requirements	
Europe	Three-phase 380/400/415V 30A 50Hz x 2 Single-phase 220 - 240V 30A 50Hz x 1
Power Consumption	
When Printing	Approx. 5,500 Wh
OFF	Approx. 50 Wh
Operating noise level	Max. 70 dB(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.

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