

Quick Product Overview

REDEFINING LARGE FORMAT PRINTING

Canon has redefined large format printing with the introduction of the 44" imagePROGRAF iPF8000. The new iPF8000 is the total creative solution for any color professional looking for impressive full bleed color output, strength in paper handling and exceptional speed in output. Everything that is needed in one large 44" printer – brilliant color, exceptional speed and maximum productivity.



For **Fine Artists**, a versatile giclee quality printer with incredible media flexibility options, unmatched productivity features and the largest color gamut in its class that offers a digital artist nearly everything needed to output museum quality work in minutes.

For **Production Houses**, a versatile quality printer with amazing reliability, unprecedented speeds, simplicity and the largest spectrum of color in its class that offers production environments everything needed to output quality work in just minutes.

For **Professional Photographers**, the unrivaled color gamut, precise black & white control, 16-bit processing, and a durable pigment ink-set make the iPF8000 the ideal 44-inch solution for professional photographic applications.



LUCIA Pigment Inks

At-a-Glance Specifications Hardware

Printer Width	44"
Printing Technology	Bubble Jet™ (Thermal Inkjet)
Ink Type	LUCIA Ink Set: (12-Color Pigment-based inks) R, G, B, C, PC, M, PM, Y, BK, GY, PGY, MBK
Max Resolution	2400 x 1200 dpi
Ink Tank Size	330ml or 700ml
Print Heads	Two end-user replaceable, <i>PF-02</i>
Droplet Size	4 Picoliter (fixed)
Nozzles	30,720 total, 2,560 nozzles per color
Memory (RAM)	384MB
Standard Interface	USB 2.0 & 10/100-Base T/TX
Optional Interface	IEEE1394 (FireWire Card)
Borderless Printing	All four sides with specified roll sizes
Media Thickness	0.07mm – 0.8mm (2.8 -31.4)
Driver Software	Windows® 98/Me, Windows NT® 4.0 SP6/2000/XP/2003 Server, Macintosh® OS 8.6/9/X
Print Speeds Ao Size**	6.7 minutes*
Included Software	Printer Driver 2006, Print Plug-in for Photoshop®, Printer Driver Extra Kit (Free Layout, imageRUNNER Linking Function) PosterArtist 2006, Digital Photo Print Pro

* Print speeds noted here are bench-mark testing results conducted by Canon Inc. Each print time stated here is actual measurement of sample image output speed and is not the maximum printer speed. The data does not include data transfer time. The print speed may vary depending on the data volume and size. The testing conditions are as follows: The print time is measured from the start of printing until the image is exited out from the printer. These tests were conducted with a Pentium®4 3.2GHz running Windows XP, 1GB RAM, USB 2.0, from Adobe® Photoshop 7.0, SCID No.5 (bicycle chart).

** Paper fed from Roll on A0-sized [(32.56" x 40.71") (827 x 1034mm)] paper printing at 1200 x 1200 dpi, Standard mode.



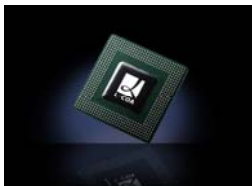
Hardware

12-Color LUCIA Ink Set – R, G, B, GY, PGY, MBK, BK C, PC, M, PM, Y – The imagePROGRAF iPF8000 has an all-new 12-color, pigment-based ink-set featuring red, green and blue inks that allow for prints that are noticeably different than output from the average CMYK printer. Black and matte black, plus two levels of gray produce monochrome prints that surpass all expectations.

Dual Print Head System – This proprietary technology enables the iPF8000 to print beautiful, high quality photographs at speeds much faster than competitive models.

No Black Ink Switching – The iPF8000 has both Black Inks online together. It will automatically use the correct Black depending on the media type that is selected. This means no manual ink change and no wasting of ink.

Unmatched Printing Speeds – The integration of speed and quality is attained with two of Canon's strongest and latest technological achievements- the L-COA controller and the dual print head system.



Clogged Nozzle Detection and Compensation – The printer will automatically perform the necessary cleaning without any intervention from the user. If the nozzle remains obstructed, the imagePROGRAF will reroute the ink to other functioning nozzles to compensate for the clog.

Multiple Media Handling Options – The iPF8000 can handle a variety of media, ranging from 0.07mm to 0.8mm thickness for either roll or cut sheet.

Media Roll Detection System – The imagePROGRAF is capable of tracking how much paper is remaining on the roll, preventing print jobs from being ruined. It prints the media information (in text and barcode) directly on the roll, before it is removed from the printer.

And More - The Canon iPF8000 includes Network printing right out of the box, Borderless Printing, a large easy to read LCD panel and more.

Software

Print Plug-in for Adobe® Photoshop®

This Plug-in is a true export module that literally bypasses the operating system's 8-bit restriction when printing. It allow for true 16-bit image processing and direct printing to the iPF8000, dramatically increasing gradations from 256 to several thousand, thus producing a much smoother, and more color accurate image. The Plug-in also has advanced monochrome controls, rendering intent settings, ICC profile selection, a soft proof window and many other groundbreaking features. The print history function was designed by photographers for photographers and enables users to go back and apply their favorite color, profile and print settings to future jobs.



Printer Driver 2006 – This Windows® and Macintosh® driver incorporates advanced black and white control, simplified page setup options, 1-touch borderless printing, expanded color settings, ICC profile options and much more into a printer driver that is intuitive and easy to operate, but still gives even the most advanced users the tools needed to stay productive. For Windows users, the free-layout feature enables nesting and custom layouts of images or files of nearly any type.

Digital Photo Print Pro (Windows Only) – Designed for editing, laying out and printing photos easily to large format, it is ideal for creating custom layouts of photographic calendars. For novice photo software users, DPPP simplifies advanced functions like red-eye correction, dust removal and much more features. DPPP is capable of 2-way communication with Adobe® Photoshop® enabling the quick exchange of image files between the two programs.

Canon PosterArtist (Windows Only) – This included 2-disc software package was developed by Canon specifically for the *Creating, Processing and Printing* of large format posters. It is an easy to use, template-based poster creation application, designed with the Microsoft® Office™ skill level user in mind. It comes standard with a library of over 150 pre-designed templates and over 1,500 hi-resolution, royalty-free images.

