

Canon



GRAPHIC ARTS SOLUTIONS



**imagePROGRAF®
iPF5000**

LARGE-FORMAT SOLUTIONS

INTRODUCING THE 17-INCH imagePROGRAF iPF5000 PRINTER, THE NEXT GENERATION IN LARGE-FORMAT PRINTING

Canon has set a new standard in the way digital prints are produced. The imagePROGRAF iPF5000 printer is designed to satisfy the most critical printing needs of digital artists.



Photo credit: ©Ryszard Horowitz, 2006

 **imagePROGRAF®
iPF5000**

This extraordinary printer ties in the new 12-color pigment ink system with LUCIA ink and innovative hardware to produce brilliant, eye-catching output that's ready in minutes.

The combination of speed and quality is achieved with two of Canon's latest technological achievements—the L-COA controller and the dual print-head system.

Multiple media-handling options in the iPF5000 device bring a new dimension to the 17-inch printer market—productivity. The ability to choose between paper types—without having to touch the printer—coupled with large ink tanks provide for an enhanced component in digital printing. The included software programs add to the iPF5000 device's uniqueness by providing an "out-of-the-box" printing solution that can be utilized by all types of digital printers. The iPF5000 device is the result of accumulated knowledge from Canon's photography, imaging, and printing technologies, all of which have been brought together to provide the next generation of digital printers.

VIBRANT EYE-CATCHING OUTPUT, READY IN MINUTES

The printer that provides the answers—
brilliant color, exceptional speed, and maximum productivity

LUCIA Pigment Inks

AMAZING COLOR

The iPF5000 features Canon's newly developed 12-color pigment ink system with LUCIA ink that produces a wide color gamut to expand the range of color reproduction. The expansive color space produces brilliant color that accurately matches the image captured with fine precise detail. The two levels of gray provide a crisp monotone output that surpasses expectations. Also, the utilization of automatic switching between regular black and matte black eliminates the wasted ink and time spent swapping out ink tanks.



Dual Print-Head System

EXCEPTIONAL SPEED

Engineered for speed and advanced image production, the iPF5000 model boasts Canon's new L-COA controller and a dual print-head system with FINE technology. The L-COA print controller intelligently processes print data and directs the two high-precision, high-density (30,720 nozzles total) print heads to lay down ink with extraordinary speed and accuracy.



Optional Cabinet Stand

MEDIA VERSATILITY AND PRODUCTIVITY

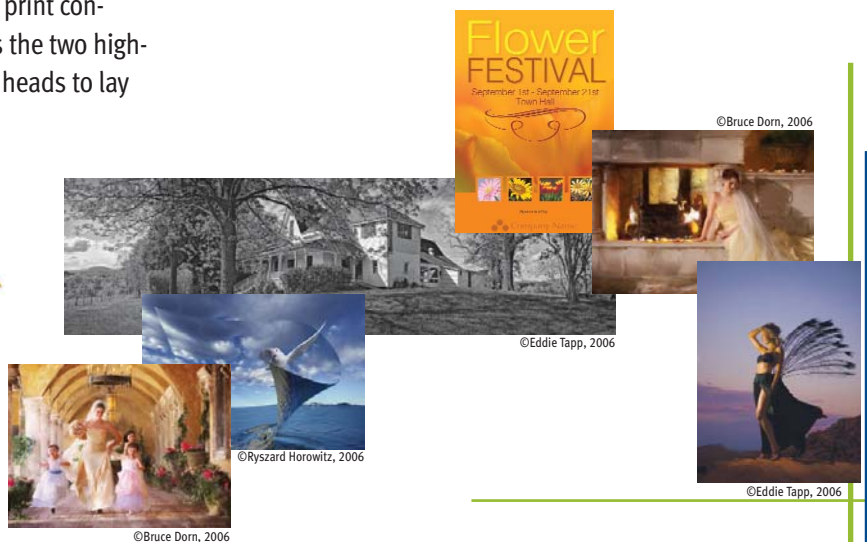
The multiple media-handling options for this printer are not just versatile, but extremely user-friendly. The printer has a standard media cassette tray, a rear manual feed, a front straight path manual feed to handle media up to 1.5mm thick, and an optional roll feed unit for printing long-length output such as murals or banners.

Productivity features such as automatic switching between the roll feed and cassette tray keep the workflow speed on par with the printer.

BUNDLED SOFTWARE INCLUDED

Along with the printer's unique ability to print in unprecedented quality and speed is the software suite that makes the iPF5000 an ideal solution for professionals. Stunning quality prints can be created right out of the box, with software that's just as innovative as the printer itself.

- Print Plug-in for Photoshop®
- Print Plug-in for Digital Photo Professional
- Digital Photo Print Pro
- PosterArtist
- Printer Driver



SPECIFICATIONS

MAIN UNIT

Print Head (PF-01)

- Technology
 - FINE (Full-Lithography Ink-Jet Nozzle Engineering)
- Configuration
 - 6 Colors per Print Head
 - Dual Print Heads (Total 12 Colors)
 - Print Head (L) Y/PC/C/PGY/GY/MBK
 - Print Head (R) PM/M/BK/R/G/B
- Replacement
 - End-User Replaceable

Number of Nozzles

- 2,560 Nozzles per Color
- 30,720 Nozzles Total

Droplet Size

- 4 Picoliter

Nozzle Pitch (Head Resolution)

- 1200 dpi x 2

Print Head Swath

- 1.07"

Print Resolution (Max)

- 2400 x 1200 dpi

Ink Type

- LUCIA Ink (Pigment-Based)

Ink Tank (PF-101)

- Colors
 - Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Red, Green, Blue, Gray, Photo Gray

Ink Tank Capacity*

- 130ml per Color

Ink Supply Method

- Tubing System

Nozzle Recovery System

- Non-Firing Nozzle Detection and Compensation

Printer Controller

- L-COA Controller

Printer Memory

- 192MB

Print Speed/A2 size**

- Plain Paper***
 - 52 Seconds
- Photo Glossy Paper†
 - 2 Minutes, 39 Seconds

Media Feed

- Cassette
 - Up to 250 Sheets (Plain Paper, Letter) Front Output

- Top-Loading Manual Feed
 - One Sheet, Front Output

- Front-Loading Manual Feed
 - One Sheet, Front Output

- Roll Feed (Optional)
 - One Roll, Front Output

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- Top-Loading Manual Feed
 - 0.08mm–0.5mm (3.2 mil–19.6 mil)

- Front-Loading Manual Feed
 - 0.5mm–1.5mm (19.6 mil–59.0 mil)

- Roll Feed
 - 0.07mm–0.8mm (2.8 mil–31.4 mil)

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Interface

- Standard
 - USB 2.0 High Speed
 - 10/100Base-T/TX

- Optional
 - IEEE1394 (FireWire)

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User Replaceable Items

- Print Head (PF-01)

- Maintenance Cartridge (MC-05)

- Optional
 - Auto Roll Feed Unit (RU-01)
 - IEEE1394 Expansion Board (EB-05)

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