Canon

GRAPHIC ARTS SOLUTIONS

imagePROGRAF®
iPF9000

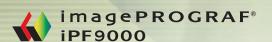**INTRODUCING THE 60" imagePROGRAF® iPF9000, THE LATEST ADDITION TO CANON'S NEXT GENERATION OF LARGE-FORMAT PRINTERS.**

Canon delivers a remarkable 60" printer that fits the needs of any professional printer looking to create captivating images from capture to output.

Simply Exquisite

BIJOUX

imagePROGRAF®
iPF9000

This extraordinary 60" printer incorporates the new 12-color pigment system with LUCIA™ ink plus the new L-COA controller and dual print head system. Together, these technologies put the power to produce vivid and breathtaking output right at your fingertips. Designed for quality, reliability, and simplicity, the iPF9000 is the answer for any professional looking to create high-quality prints.

The Canon imagePROGRAF iPF9000 takes large-format color production to the next level. The 12-color pigment system with LUCIA inks was designed to expand the spectrum of color for environments from photography to design. The new L-COA controller intelligently processes the data and directs the rapid printing process to the two ultra high-density, high-quality, and high-speed print heads. The included software suite makes the iPF9000 an innovative, out-of-the-box printing solution that can be utilized by all types of digital professionals. The imagePROGRAF iPF9000 printer 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 printers.

NEVER-ENDING COLOR AND SIZE

All that's needed in one printer—
brilliant color, exceptional speed, and maximum productivity

AMAZING COLOR

The imagePROGRAF iPF9000 features a newly developed, 12-color pigment ink system designed to expand the color reproduction range by providing an extremely wide color gamut for vivid accurate colors and fine precise details. The expanded color gamut produces brilliant colors to more accurately match a broader spectrum of colors. The two levels of gray provide a perfectly neutral 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. The combinations of these 12 inks produce exquisite results.

Dual Print-Head System

EXCEPTIONAL SPEED AND PRODUCTIVITY

Engineered for speed and advanced image production, the iPF9000 model boasts Canon's new L-COA controller, a dual print-head system with FINE technology, and a 40GB hard drive. The L-COA print controller intelligently processes print data and directs the two high-precision, high-density (30,720 nozzles) print heads to lay down ink with extraordinary speed and accuracy. It's so smart, it's simple. A single chip optimizes the printer's capabilities and accelerates processing while the dual high-density one-inch print heads—each with 15,360 nozzles— deliver smooth yet beautiful gradations on every print. The onboard hard drive allows for print jobs to be saved for future printing.

BUNDLED SOFTWARE INCLUDED

Along with the printer's unique ability to print in unprece-dented quality and speed is the software suite that makes the iPF9000 an ideal solution for professionals. Stunning quality prints can be created right out of the box, with soft-ware that's just as innovative as the printer itself.

- **Print Plug-in for Photoshop®** – This application was designed to enable direct printing of 16-bit RGB images directly from Adobe Photoshop 6/7/CS/CS2.

- **Digital Photo Print Pro** – DPPP simplifies advanced functions such as red-eye correction, dust removal, skin tone improvement, and many other features.

- **PosterArtist** – PosterArtist helps users of all levels to cre-ate professional-looking posters, banners, and signage with extreme ease.

- **Printer Driver 2006** – The imagePROGRAF printer driver 2006 works with both Windows® and Macintosh® operating systems, offering exceptional, high-quality prints through easy usability and accurate color. Features such as Nesting and imageRUNNER® Scan-To-Print are included.

Main Unit

Print Head (PF-02)
- 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 (PFI-701 or PFI-301)
- Colors
  - Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Red, Green, Blue, Gray, Photo Gray

Ink Tank Capacity*
- 700ml (PFI-701) or 330ml (PFI-301)

Ink Supply Method
- Tubing System with Sub-Tanks for Continuous Ink Supply

Nozzle Recovery System
- Non-Firing Nozzle Detection and Compensation

Printer Controller
- L-COA Controller

Printer Memory
- 640MB

Print Speed/A0 size**
- Photo Glossy Paper ***
  - 5 minutes

Built-in Hard Disk Capacity
- 40GB

Media Feed
- Roll Feed
  - One Roll, Front Output
- Cut Sheet
  - One Sheet, Front Output

Media Width
- 8" – 60" (Cut sheet)
- 10" – 60" (Roll Feed)

Minimum Media Length
- 8" (203mm)

Maximum Print Length
- Manual Feed
  - 63" (1.6 m)
- Roll
  - 59' (18 m)†

Borderless Printing Width (Roll Media Only)
- 10", 14", 16", 24", 36", 42", B2 (20.28"/515mm), A1 (23.38"/594mm), A0 (33.11"/841mm), B0 (40.55"/1030mm)

Media Cutter
- User-Replaceable Durable Rotary Blade (CT-06)

Media Thickness
- 0.07 – 0.8mm (2.8 – 31.4mil)

Media Core Sizes
- 2" (3" Core with Optional 3" Core Spool)

Media Output
- Automatically Winding Media Take-up Reel (Standard), Basket (Optional)

Printable Margins
- Manual Feed (Top/Front)
  - Leading and Left/Right Edges: 0.20" (5mm), Trailing Edge: 0.90" (23mm)
- Roll Feed
  - All Sides: 0.20" (5mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
- 5.9" (150mm)

Minimum Printable Line Weight
- 0.02mm

Line Accuracy
- +0.19%/-0.25%

Bundled Software
- Printing Software
  - Printer Driver 2006, Print Plug-in for Photoshop‡, Printer Driver Extra Kit▲ (Free Layout, imageRUNNER Linking Function)
- Applications
  - PosterArtist 2006▲▲ Digital Photo Print Pro▲▲
- Utilities
  - GARO Status Monitor, Media Configuration Tool, Remote UI

Printer Language
- GARO (Canon Proprietary)

Operating System ■
- Windows® 98SE/Me/2000/XP/2003 Server, Macintosh® OS 9.1/X 10.2/10.3/10.4

Interface
- Standard
  - USB 2.0 High Speed
  - 10/100Base-T/TX
- Optional
  - IEEE1394 (FireWire)

Acoustic Noise
- Operation
  - 52dB or Less
- Standby
  - 35dB or Less
- Acoustic Power (Operation and Standby)
  - 6.7 Bels or Less

Power Supply
- AC 100-240V (50-60Hz)

Power Consumption
- Maximum
  - 190W or Less
- Standby
  - 5W or Less (8W or Less when EB-05 is Installed)
- Power Off (Standby)
  - Less than 1W (Compliant with Executive Order)

Certifications
- UL, FCC Class B, ENERGY STAR®

Operational Environment
- Temperature
  - 59 – 86 F° (15 – 30 C°)
- Relative Humidity
  - 10 – 80% (No Condensation)

Dimensions with Stand (W x D x H)
- 90.5" x 31.6" x 45.1" (2299mm x 766mm x 1144mm)

Weight with Stand and Take-up Reel
- Approx. 365 lb. (165kg)

Package Dimensions (W x D x H)
- 97.7" x 41.4" x 48.8" (2480mm x 1050mm x 1238mm)

Package Weight (Including Pallet)
- 552 lb. (250kg)

User Replaceable Items
- Ink Tank PFI-301/PFI-701
- Print Head (PF-02)
- Maintenance Cartridge (MC-08)
- Durable Rotary Blade (CT-06)

Options
- IEEE1394 Expansion Board (EB-05)
- Media Catch Basket (BU-01)
- 2" Core Roll Holder (RH2-63)
- 3" Core Roll Holder (RH3-63)
- EFI Colorproof XF for Canon

Media Types

Signage Media
Durable Banner (Polypropylene), Banner Vinyl (Scrim), Tyvek Banner, Removable Banner Vinyl, Adhesive Matte Vinyl, Durable Backlit Film, Back Print Back Lit Film

Photo Paper
Premium Super-Gloss, Glossy Photographic Paper, Satin Photographic Paper, Heavyweight Glossy Photographic Paper, Heavyweight Satin Photographic Paper, Premium Bright Photo Glossy Paper, Premium Bright Photo Satin Paper, Premium RC Photogloss, Premium RC Photomatte, Premium RC Luster

Proofing Paper
Commercial Proofing Paper, Premium Proofing Paper

Matte Paper
Universal Bond Paper, Matte Coated Paper, Heavyweight Coated Paper, Heavyweight Matte Coated Paper, Premium Matte Paper

Fine Art Paper
Fine Art Photo Rag, Fine Art German Etching, Fine Art Enhanced Velvet, Fine Art Watercolor Paper, Fine Art Smooth Rag, Fine Art Smooth Rag Heavyweight, Fine Art Smooth Natural Rag, Fine Art Textured Rag, Fine Art Water Resistant Canvas, Graphic Matte Canvas, Canvas Semi-Glossy

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* The printer is shipped with a set of PFI-301.

** 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.

† The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2006 is 50 feet.

‡ For Adobe® Photoshop® 6, 7, CS, CS2, running on Windows 2000/XP or Macintosh OS 9.1 or OS X 10.2/10.3/10.4.

▲ Windows 2000/XP/2003 Server

▲▲ Windows 2000/XP

■ For imagePROGRAF Printer Driver 2006. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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L-COA

FINE Full-photolithography Inkjet Nozzle Engineering

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ENERGY STAR