

Canon



GRAPHIC ARTS SOLUTIONS



 **imagePROGRAF®**
iPF8000

SPECIFICATIONS

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

- Uniform 4 Picoliter for All Colors

Nozzle Pitch (Head Resolution)

- 1200 dpi

Print Head Swath

- 1.07"

Print Resolution (Max.)

- 2400 x 1200 dpi

Ink Type

- LUCIA Ink (Pigment-Based)

Replacement Ink Tank

- PFI-701 (700ml) or PFI-301 (330ml)
- Colors
 - Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Red, Green, Blue, Gray, Photo Gray

Ink Tank Shipped with the Printer

- PFI-301 x 12 Colors (Full 330ml Each Color)

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

- 384MB

Media Feed

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

Media Width

- 8" – 44" (Cut Sheet)
- 10" – 44" (Roll Feed)

Minimum Media Length

- 8" (203mm)

Maximum Print Length

- Manual Feed
 - 63" (1.6 Meters)
- Roll
 - 59 Feet (18 Meters)*

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"/1,030mm)

Media Cutter

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

Media Thickness

- 0.07mm–0.8mm (2.8 mil–31.4 mil)

Media Core Sizes

- 2" (3" Core With Optional 3" Core Spool)

Media Output

- Basket (Standard), Automatically Winding Media Take-Up Reel (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)

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 with SMTP E-mail Printer Status Notification, 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 (Power PC or Intel Processors)

Interface

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

Acoustic Noise

- Operation
 - 54dB or Less
- Standby
 - 35dB or Less
- Acoustic Power (Operation and Standby)
 - 6.9 Bels or Less

Power Supply

- AC 100–240V (50–60Hz)

Power Consumption

- Maximum
 - 190W or Less
- Standby (100-120V)
 - 5W or Less (8W or Less when EB-05 is Installed)

- Power Off (Standby, 100-120V)
 - Less than 1W (Compliant with Executive Order)

Certification

- Electrical Safety Regulations
 - UL (USA), C-UL (Canada), S mark (Argentina), CB Certification (Others)
- Electromagnetic Interface Regulations
 - FCC Class B (USA), IC Class B (Canada)
- Environmental Certifications
 - ENERGY STAR® (World Wide), RoHS Directive, WEEE, Executive Order (USA)

Operational Environment

- Temperature
 - 59 – 86 F° (15 – 30 C°)
- Relative Humidity
 - 10 – 80% (Condensation Free)

Dimensions with Stand (W x D x H)

- 74.5" x 38.4" x 45.0" (1,893 x 975 x 1,144mm)

Weight with Stand

- Approx. 313 lb. (142kg)

Package Dimensions (W x D x H)

- 81.9" x 41.7" x 48.3" (2,080 x 1,060 x 1,226mm)

Package Weight (Including Pallet)

- Approx. 499 lb. (226kg)

User Replaceable Items

- Ink-Tank PFI-301/PFI-701
- Print Head (PF-02)
- Maintenance Cartridge (MC-08)
- Durable Rotary Media Cutter (CT-06)

Options

- IEEE1394 Expansion Board (EB-05)
- Automatic Media Take-Up Unit (TU-06)
- 2" Core Roll Holder (RH2-43)
- 3" Core Roll Holder (RH3-43)

What's In The Box

- Printer, Stand with Basket, Power Cord, Two Print Heads (6 Colors per Print Head), 12 PFI-301 Ink Tanks (12 Colors x 330ml), Preinstalled Maintenance Cartridge (MC-

- 08), Preinstalled Rotary Media Cutter (CT-06), User Software CD, User Manual CD, Quick Reference Guide, Quick Start Guide, PosterArtist CD Disk 1 and Disk 2, Digital Photo Print Pro CD, LFP Specialty Media Swatch Book, Tools to Assemble the Stand, Warranty.

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 Photo 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

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

** For Adobe® Photoshop® 6, 7, CS, and CS2 running on Windows 2000/XP or Macintosh OS 9.1 or OS X 10.2/10.3/10.4 (Power PC or Intel Processor)

*** Windows 2000/XP/2003 Server, Auto Layout and imageRUNNER Linking Function for Macintosh OS 10.2.8 or later.

† Windows 2000/XP

†† For imagePROGRAF Printer Driver. 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 refer to Canon Alliance and Industry Marketing program list of RIP vendors.

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1-800-OK-CANON
www.usa.canon.com

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042