



# iPF720

## TECHNICAL DOCUMENTS LARGE-FORMAT PRINTING



### Print-Head

PF-03

### Technology

FINE (Photolithography Inkjet Nozzle Engineering)

### Print Resolution (Max.)

2400 x 1200 dpi

### Line Accuracy\*

±0.1% or Less

### Minimum Line Weight\*\*

0.02mm

### Number of Nozzles

Matte Black: 5,120 Nozzles  
Other Colors: 2,560 Nozzles per Color

### Droplet Size

4 Picoliter

### Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

### Print Head Swath

1.07 inch

### Ink Type

#### Dye

Cyan (C), Magenta (M), Yellow (Y), Black (K)

#### Pigment

Matte Black (MBK) – Two Channels

### Ink Tank

PFI-102

### Ink Tank Capacity\*\*\*

130ml per Color

### Number of Colors

5

### Ink Supply Method

Tubing System

### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

### Printer Controller

L-COA Controller

### Printer Memory

256MB

### Built-in Hard Disk Capacity

80GB

### Media Feed

Front-loading Manual Feed, Rear-loading Roll Feed

### Media Width

#### Roll Feed

10' – 36" (254mm – 914.4mm)

#### Cut Sheet

8" – 36" (203.2mm – 914.4mm)

### Printable Margins

#### Roll Feed

All Sides: 0.12" (3mm) or 0" for Borderless

### Minimum Printable Media Length

#### Roll Feed

8.0" (203mm)

### Maximum Print Length<sup>†</sup>

#### Roll Feed

59' (18m)

#### Cut Sheet

5.2' (1.6m)

### Borderless Printing Widths (Roll Media Only)

10", 14", 16", 24", 36",  
B2 (20.28"/515mm), A1 (23.38"/594mm)  
B1 (28.66"/728mm), AO (33.11"/841mm)

### Media Cutter

Durable Rotary Blade

### Media Thickness

#### Roll Feed

0.07 – 0.8mm (2.8 – 31.4mil)

#### Cut Sheet

0.07 – 0.8mm (2.8 – 31.4mil)

### Media Core Sizes

2" or 3" Core (2/3" Core Adapter Included)

### Maximum Roll Outer Diameter

5.9" (150mm)

### Software

#### Printing Software

imagePROGRAF Printer Driver, HDI Driver for AutoCAD®/AutoCAD LT 2000–2008,<sup>††</sup> Printer Driver Extra Kit (Free Layout, imageRUNNER Linking Function)

#### Utilities

Media Configuration Tool

### Applications

Digital Photo Front-Access,<sup>\*</sup> imagePROGRAF Device Setup Utility, PosterArtist Lite<sup>†</sup>

### Device Status

imagePROGRAF Status Monitor, Remote UI

### Printer Language

GARO (Canon Proprietary), HP-GL/2, HP RTL

### Operating Systems<sup>▲▲</sup>

Windows® 2000/XP/Server 2003/Windows Vista® (32-/64-bit), Macintosh® OS 10 (PowerPC or Intel®)

### Interface

#### Standard (Built-in)

USB 2.0 Hi-Speed, 10/100Base-T/TX

#### Optional

IEEE1394 (FireWire)

### Acoustic Noise

#### Operation

52dB (A) or Less

#### Standby

35dB (A) or Less

### Acoustic Power

6.6 Bels or Less

### Power Supply

AC 100–240V (50-60Hz)

### Power Consumption

#### Maximum

140W or Less

#### Standby

5W or Less (10W or less when IEEE1394 is mounted)

### Power Off

1W or Less (Executive Order Compliant)

### Certifications

#### Electrical Safety

UL® (USA), C-UL (Canada), CE Mark (EN60950, EN55022 classB, EN61000-3-2, EN61000-3-3, EN55024) (Europe), TUV (GS) (Germany), AS (Australia), PSB (Singapore), CCC (China), EK (Korea), S mark (Argentina), Gost-R (locally obtained) (Russia), CB Certification (other countries)

#### Electromagnetic

FCC Class B (USA), IC Class B (Canada), CE Mark (EU), VCCI class B, JEITA (Japan), C-tick (Australia), MIC (Korea)

### Environmental

ENERGY STAR® (WW), RoHS, IT ECO Declaration (Europe), WEEE, Executive Order (USA), China RoHS

## Operational Environment

### Temperature

59 – 86 F° (15 – 30 C°)

### Relative Humidity

10 – 80% (No Condensation)

### Printer Dimensions (W x D x H)

59.3" x 34.3" x 43.1"  
(1507mm x 871mm x 1094mm)

### Weight (with Stand)

Approx. 141 lb.  
(Approx. 64kg)

### Package Dimensions (W x D x H) (with Pallet)

66.7" x 29.9" x 35.9"  
(1695mm x 760mm x 912mm)

### Package Weight (with Pallet)

Approx. 208 lb.  
(Approx. 94kg)

## Options

IEEE1394 Expansion Board (EB-05)  
Roll Holder Set (RH4-32)  
PosterArtist 2007  
PhotoPRINT Select (Adobe® PostScript® RIP)

## User Replaceable Items

Print-Head (PF-03)  
Ink Tanks (PFI-102)  
Maintenance Cartridge (MC-07)  
Cutter Blade (CT-05)

## What's In The Box

Printer, User Software CD (Printer Driver, HDI Driver, Utilities), PosterArtist Lite CD, User Manual CD, 6 Starter Ink Tanks (MBK x 2, Cyan, Magenta, Yellow, Black), 2" Core Media Spool with 3" Adapter, Print-Head, Maintenance Cartridge, Media Cutter, Built-in Ethernet/USB 2.0 Interface, Quick Setup Guide (Poster), Printer Reference Guide (Booklet), Power Cord, One-Year Onsite Warranty, Registration Card, Stand, Basket, Hardware (For Setting Up the Stand)

- \* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.
- \*\* Theoretical value based on data resolution
- \*\*\* The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.
- † The maximum printable length varies depending on the application, OS, and RIP used.
- †† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008
- ▲ Windows 2000/XP/Windows Vista 32-bit
- ▲▲ 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 consult with Canon Alliance and Industry Market program list of RIP vendors.

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