

iPF720/710



SPECIFICATIONS

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 (BK)

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

Hard Drive

80GB (iPF720 only)

Printer Memory

256MB

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[†]

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,^{††} Printer Driver
Extra Kit* (Free Layout, imageRUNNER Linking Function),
PosterArtist Lite (iPF720 only)

Utilities

Media Configuration Tool

Applications

Digital Photo Front-Access, GARO Device Setup Utility,
PosterArtist 2008 (Optional)
PosterArtist Lite (iPF720 only)

Device Status

GARO Status Monitor, Remote UI

Printer Language

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

Operating Systems[‡]

Windows 2000/XP/Server 2003/Windows Vista®
Macintosh® OS 9/10 (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

UL®, FCC Class B, ENERGY STAR®

Operational Environment

Temperature

59 – 86 F° (15 – 30 C°)

Relative Humidity

10 – 80% (No Condensation)

Printer Dimensions (H x W x D)

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

Weight (with Stand)

iPF710: Approx. 141 lb. (64kg)
iPF720: Approx. 143 lb. (65kg)

Options

IEEE1394 Expansion Board (EB-05)
Roll Holder Set (RH4-32)
PosterArtist 2008 (PC only)

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), Application CDs, 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),
PosterArtist Lite (iPF720 only), 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 and for Macintosh, Auto Layout, and imageRUNNER Linking Function

▲ For imagePROGRAF Printer Driver 2007. 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 at www.usa.canon.com.