



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[†]

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)

Utilities

Media Configuration Tool

Applications

Digital Photo Front-Access,^{*} imagePROGRAF Device Setup Utility, PosterArtist Lite[▲]

Device Status

imagePROGRAF Status Monitor, Remote UI

Printer Language

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

Operating Systems^{▲▲}

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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