



iPF610

GENERAL USE LARGE-FORMAT PRINTING



SPECIFICATIONS

iPF610 MAIN UNIT

Print Head (PF-03)

Technology

FINE (Full-Lithography Ink-Jet)
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 for All Colors

Nozzle Pitch

1200 dpi x 2 Rows

Print Head Swath

1.07 inch

Ink Tank

PFI-102

Ink Tank Capacity***

130ml Per Tank

Number of Colors

5

Ink Type

Dye

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

Pigment

Matte Black (MBK)

Ink Supply Method

Tubing System

Nozzle Recovery System

Non-Firing Nozzle Detection and Compensation

Printer Controller

L-COA Controller

Printer Memory

256MB

Media Feed

Top-Loading Manual Feed, Front-Loading Manual
Feed, Cassette, Top-Loading Roll Feed

Media Width

Roll Feed, Manual Feed

8" – 24" (203mm – 610mm)

Cassette

8" – 17" (203mm – 432mm)

Printable Margins

Roll Feed

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

Cassette

All Sides: 0.12" (3mm)

Manual Feed

Left, Right, Trailing: 0.12" (3mm),
Leading: 0.90" (23mm) or 0.12" (3mm)

Minimum Printable Media Length

Roll Feed

8.0" (203mm)

Cassette

11.0" (279mm)

Top-Loading Manual Feed

11.0" (279mm)

Front-Loading Manual Feed

20.5" (520mm)

Maximum Printable Media Length†

Roll Feed

59 feet (18m)

Cassette

23.4" (594mm)

Manual Feed (Top)

5.2ft (1.6m)

Manual Feed (Front)

36.0" (914mm)

Cassette Capacity (Plain Paper)

250 Sheets (Letter-Sized)

100 Sheets (up to 13" x 19" Sized)

50 Sheets (up to 17" x 22" Sized)

Borderless Printing Widths

(Roll Media Only)

10", 13", 14", 16", 17", 24"
B4 (10.12"/257mm), A2 (16.54"/420mm),
B2 (20.28"/515mm), A1 (23.38"/594mm)

Media Cutter

Durable Rotary Blade

Media Thickness

Cassette

0.08 – 0.3mm (3.2 – 11.8mil)

Top-Loading Manual Feed

0.07 – 0.8mm (3.2 – 31.4mil)

Front-Loading Manual Feed

0.5 – 1.5mm (19.6 – 59.0mil)

Roll Feed

0.07 – 0.8mm (3.2 – 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 2007,
HDI Driver for AutoCAD/AutoCAD
LT 2000–2008,^{††} Printer Driver
Extra Kit ■ (Free Layout, imageRUNNER® Linking
Function)

Utilities

Media Configuration Tool

Application

Digital Photo Front-Access, GARO Device Setup Utility

Device Status

GARO Status Monitor, Remote UI

Printer Language

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

Operating Systems

Windows® 2000/XP/2003 Server, Windows Vista™,
Macintosh® OS 8.6/9/10 (PowerPC or Intel)

Interface

Standard (Built-in)

USB 2.0 High 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 100–120V (50–60Hz)

Power Consumption

Maximum

100W 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)

Dimensions (with Stand) (H x W x D)

38.9" x 39.3" x 39.0"
(989mm x 997mm x 991mm)

Weight (with Stand)

Approx. 149.9 lb. (68kg)

Options

IEEE1394 Expansion Board (EB-05)
Roll Holder Set (RH2-24)

User Replaceable Items

Print Head (PF-03)
Ink Tanks (PFI-102)
Maintenance Cartridge (MC-16)

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, 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/2003 Server 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 recom-
mended RIP packages, please consult with Canon Alliance and
Industry Market program list of RIP vendors.

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