



# 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<sup>†</sup>

#### 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,<sup>††</sup> Printer Driver  
Extra Kit <sup>■</sup> (Free Layout, imageRUNNER<sup>®</sup> 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<sup>®</sup> 2000/XP/2003 Server, Windows Vista<sup>™</sup>,  
Macintosh<sup>®</sup> OS 8.6/9/10 (PowerPC or Intel)

### Interface

#### Standard (Built-in)

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

#### Optional

IEEE1394 (FireWire<sup>®</sup>)

### 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<sup>®</sup>, FCC Class B, ENERGY STAR<sup>®</sup>

### 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<sup>®</sup>  
applications such as Adobe<sup>®</sup> Illustrator<sup>®</sup> or QuarkXPress<sup>™</sup>, 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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