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TECHNOLOGY AT WORK

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# Canon

## IMAGEPROGRAF 770

VERSATILE, ECONOMICAL  
LARGE-FORMAT PRINTING



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# imagePROGRAF

## SPECIFICATIONS



**Print-Head**  
PF-04

**Technology**  
FINE (Full-Photolithography Inkjet Nozzle Engineering)

**Print Resolution (Max.)**  
2400 × 1200 dpi

**Line Accuracy\***  
±0.1% or Less

**Minimum Line Weight\*\***  
0.02 mm

**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 × Two Rows

**Print-Head Swath**  
1.07"

**Ink Type**

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

**Pigment**  
Matte Black (MBK)

**Ink Tank**  
PFI-107: C, M, Y, BK, MBK

**Ink Tank Capacity**  
Starter: 90 ml  
Replacement: 130 ml

**Ink Supply Method**  
Tubing System with Sub-Ink Tanks for Continuous Ink Supply

**Nozzle Recovery System**  
Non-firing Nozzle Detection and Compensation

**Printer Controller**  
L-COA Processor

**Printer Memory**  
256 MB

**Media Feed**

**Roll Feed**  
One Roll, Top-loading, Front Output

**Cut Sheet**  
One Sheet, Top-loading, Front Output

**Media Width**

**Roll Feed**  
iPF770: 10" – 36" (254 mm – 914 mm)  
iPF670: 10" – 24" (254 mm – 610 mm)

**Cut Sheet**  
iPF770: 8" – 36" (203.2 mm – 914 mm)  
iPF670: 8" – 24" (203.2 mm – 610 mm)

**Printable Margins**

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

**Cut Sheet**  
Leading, Sides (Left and Right): 0.12" (3 mm)  
Trailing: 0.91" (23 mm)

**Maximum Print Length (Single Page)†**

**Roll Feed**  
59" (18 m)

**Cut Sheet**  
63" (1.6 m)

**Borderless Printing Widths (Roll Media Only)**  
10", B4, A3, 14", A2, 17", B2, A1, 24"  
iPF770 only: B1, A0, 36"

**Media Cutter**  
Durable Dual-blade Rotary Cutter

**Media Thickness**  
0.07 – 0.8 mm (2.8 – 31.4 mil)

**Media Core Sizes**  
2" and 3" Core (Adapter Included)

**Maximum Roll Outer Diameter**  
5.9" (150 mm)

**Output Media Bin**  
Basket

**Printing Software**  
imagePROGRAF Printer Driver for Windows®/Mac, Printer Driver Extra Kit for Windows/Mac (Free Layout, Color imageRUNNER® Enlargement Copy (PC Only), Advanced Preview), Print Plug-in for Microsoft Office (PC only), Optimized Module for AutoCAD® for Windows, Direct Print & Share (PC Only), Status Monitor for Windows, PrintMonitor for Mac, Media Configuration Tool, PosterArtist Lite for Windows

**Operating System††**  
Windows XP (32 bit), Server 2003 (32/64 bit), Server 2008 (32/64 bit), Server 2012 (64 bit), Windows Vista® (32/64 bit), Windows 7 (32/64 bit), Windows 8 (32/64 bit), Macintosh OS X 10.6.8 - 10.9X

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

**Interface**  
USB 2.0 Hi-Speed, 10/100/1000Base-T/TX

**Protocol**  
TCP/IP (IPv4/IPv6), IPX/SPX, AppleTalk®, SNMP (Canon MIB supported), HTTP

**Acoustic Noise**

**Operation**  
iPF770: Approx. 48 dB  
iPF670: Approx. 47 dB

**Standby**  
35dB or Less

**Acoustic Power**  
iPF770: Approx. 6.5 Bels  
iPF670: Approx. 6.4 Bels

**Power Supply**  
AC 100–240 V (50-60 Hz)

**Power Consumption**

**Maximum**  
140 W or Less

**Standby**  
5 W or Less

**Power Off**  
1 W or Less (Executive Order Compliant)

**Certifications**

**Electrical Safety Regulations**  
TUV (USA), cTUV (USA), TUV.S mark, CB certification (Others)

**Electromagnetic Interface Regulations**  
FCC Class B (USA), IC Class B (Canada)

**Environmental Certifications**  
ENERGY STAR® (Worldwide)  
RoHS Directive

**Operational Environment**

**Temperature**  
59 – 86 °F (15 – 30 °C)

**Relative Humidity**  
10 – 80% (No Condensation)

**Printer Dimensions (H × W × D) and Weight with Stand and Basket**

iPF770: 42" x 51" x 34"  
(ST-33: with basket open)  
Weight: 139 lb. (ST-33, roll holder included, no inks, no print-heads)

iPF670: 42" x 39" x 34"  
(ST-26: with basket open)  
Weight: 116 lb. (ST-26, roll holder included, no inks, no print-heads)  
**Without stand:** 20" x 39" x 27"  
Weight: 95 lb.

**Options**

PosterArtist  
iPF770: Roll Holder Set (RH2-33)  
iPF670: Roll Holder Set (RH2-26)  
iPF670: Stand (ST-26)

**User-Replaceable Items**

Ink Tank (PFI-107 MBK, BK, C, M, Y)  
Print-Head (PF-04)  
Maintenance Cartridge (MC-10)

\* Line accuracy repeatability is guaranteed after a user performs necessary adjustment and under the same environmental conditions. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.

\*\* Theoretical value based on data resolution.

† The maximum printable length varies, depending on the application, OS, and RIP used.

†† 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 at [www.usa.canon.com](http://www.usa.canon.com).

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1214-iPF770/670-10M-LTM



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