



**PLAN & PRINT**  
S Y S T E M S I N C.

REDEFINING THE  
LARGE-FORMAT  
PRINTER



**imagePROGRAF  
TM-305**



**Print Head**

PF-06

**Technology**

FINE (Photolithography Inkjet Nozzle Engineering)

**Print Resolution (Max.)**

2400 x 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**

5 Picoliter

**Nozzle Pitch (Head Resolution)**

1200 dpi x Two Rows

**Print Head Swath**

1.07 inch

**Ink Type**

Pigment: Matte Black (MBK), Cyan (C), Magenta (M), Yellow (Y), Black (BK)

**Ink Tank**

Shipped with Printer: MBK (130 ml), BK, C, M, Y (90 ml)

Replacement: PFI-120 (130 ml) or PFI-320 (300 ml)

**Ink Supply Method**

Tubing System with Sub-tanks for Continuous Ink Supply

**Nozzle Recovery System**

Non-firing Nozzle Detection and Compensation

**Printer Controller**

L-COA PRO

**Printer RAM**

128 GB (Virtual), 2 GB (Physical)

**Hard Drive**

500 GB

**Media Feed**

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

**Media Width**

Roll Feed: 8"-36" (203 mm - 914 mm)

Cut Sheet: 8"-36" (203 mm - 914 mm)

**Printable Margins**

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

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

Roll Feed: 59' (18 m)

Cut Sheet: 63" (1.6 m)

**Borderless Printing Widths (Roll Media Only)**

8", 10", 12", 14", 16", 17", 20", 24", 30", 36",  
B4 (10.12"/257 mm), A3 (11.69"/297 mm),  
A3+ (12.95"/329 mm), A2 (16.54"/420 mm),  
B2 (20.28"/515 mm), A1 (23.39"/594 mm),  
B1 (28.66"/728 mm), A0 (33.11"/841 mm)

**Media Cutter**

Durable Dual-Blade Rotary Cutter

**Media Thickness**

0.07 - 0.8 mm

**Media Core Sizes**

2" and 3" Core Adapters Included

**Maximum Roll Outer Diameter**

5.9" (150 mm)

**Media Output**

Flat Stacking Basket (Standard)

**Printing Software Utilities**

Accounting Manager, Apple AirPrint, Canon Print Service, Device Management Console, Direct Print & Share, Free Layout Plus, imagePROGRAF Printer Driver for Windows\*/Mac\*, Media Configuration Tool, PosterArtist Lite for Windows, Canon PRINT Inkjet Selphy, Easy-Photo PrintEditor,† Optimized Driver for AutoCAD, Free Layout

**Operating System**

Windows 7 (32/64 bit), Windows 8.1 (32/64 bit),  
Windows 10 (32/64 bit), Windows Server 2008 R2,  
(32/64 bit), Windows Server 2012 (64 bit), Windows  
Server 2012 R2 (64 bit), Windows Server 2016 (64 bit),  
Macintosh OS X v10.10.5-v10.12x

**Print Language**

Printer: SGRaster, HP-GL/2, HP RTL, PDF, JPEG

**Interface**

Standard (Built-in): USB 2.0 Hi-Speed, 10/100/  
1000Base-T/TX, Wireless LAN (IEEE 802.11 b/g/n)■,  
Direct USB Thumb Drive

**Acoustic Noise**

Operation: 44 dB (A) or Less

Standby: 35 dB (A) or Less

Acoustic Power: 6.0Bels or Less

**Power Supply**

AC 100-240V (50-60 Hz)

**Power Consumption**

Maximum: 69 W or Less

Standby: 3.6 W or Less

Power Off: 0.3 W or Less (Executive Order Compliant)

**Certifications**

Electrical Safety Regulations

C TUVus (U.S.A.), C TUVus (Canada)

Electromagnetic Interface Regulations

FCC Part 15B (U.S.A.), IC (Canada)

Radio Regulations

FCC Part 15C (U.S.A.), IC (Canada)

Environmental Certifications

ENERGY STAR® (Worldwide)

**Operational Environment**

Temperature: 59° - 86° F (15° - 30° C)

Relative Humidity: 10 - 80% (No Condensation)

**Printer Dimensions (H x W x D) and Weight**

(With Basket Opened)

42" x 51" x 35" Approx. 134 lb.

**Package Dimensions (H x W x D) and Weight**

With Stand, Basket, and Pallet

38" x 58" x 36" Approx. 231 lb.

**Options**

- 2"/3" Roll Holder Set (RH2-35)

- PosterArtist

**User-Replaceable Items**

- Ink Tank (PFI-120/PFI-320)

- Print Head (PF-06)

- Maintenance Cartridge (MC-31)

- Cutter Blade (CT-08)

**What's In The Box**

Printer, Basket, Stand, 2"/3" Core Media Spool (Adapters Included), Power Cord, Tools and Screws, Print Head, Maintenance Cartridge (Installed), 5 Ink Tanks (130 ml: MBK, 90 ml: BK/C/M/Y), Sample Heavyweight Coated Paper (A2/2 Sheets), Ethernet Card (built-in), USB 2.0 High-speed Interface, USB Connection Sheet, iWR Service Terms Leaflet, User Manual, Quick Setup Guide, User Software CD for Windows (Printer Driver Utilities), PosterArtist Lite CD, User Registration Card

\* 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.

†† To be supported in December 2018.

■ Wireless printing requires a working network with wireless 802.11b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.



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