

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)

Standby: 35 dB (A) or Less

Acoustic Power: 6.0Bels

## 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 TÜVus (U.S.A.), C TÜVus (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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