

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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