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REDEFINING THE LARGE-FORMAT PRINTER





imagePROGRAF
TM-305

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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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