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like you*

Canon

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**GIVE  
THE BUSINESS  
YOU LOVE  
THE PRINTERS  
IT NEEDS**

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imagePROGRAF  
TM-300

# imagePROGRAF TM-300

## SPECIFICATIONS

### PRINT HEAD

PF-06

### TECHNOLOGY

FINE (Photolithography Inkjet Nozzle Engineering)

### PRINT RESOLUTION (MAX.)

2400 x 1200 dpi

### LINE ACCURACY\*

±0.1% or Less

User adjustments necessary. Printing environment and media must match those used for the adjustments.  
CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only

### MINIMUM LINE WEIGHT\*\*

0.02mm

### NUMBER OF NOZZLES

**Matte Black:** 5,120 Nozzles

**Other Colours:** 2,560 Nozzles per Colour

### DROPLET SIZE

Minimum 5 Picolitre per color

### NOZZLE PITCH (HEAD RESOLUTION)

1200 dpi x two lines

### PRINT HEAD SWATH

1.07"

### INK TYPE

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

### INK TANK

PFI-120 (130ml) / PFI-320 (300ml)

### INK SUPPLY METHOD

Tubing System with Sub-tanks

### NOZZLE RECOVERY SYSTEM

Non-firing Nozzle Detection and Compensation

### PRINTER CONTROLLER

L-COA PRO

### PRINTER RAM

2GB

### HARD DRIVE

N/A

### MEDIA FEED

**Roll Feed:** One Roll, Upper-loading, Front Output

### MEDIA WIDTH

**Roll Feed:** 203.2–917mm (8"–36")

**Cut Sheet:** 203.2–917mm (8"–36")

### PRINTABLE MARGINS

**Roll paper:** Top: 3 mm, Bottom: 3 mm, Side: 3 mm

**Roll paper (borderless print):** Top: 0 mm, Bottom: 0 mm, Side: 0 mm

### MAXIMUM PRINT LENGTH (SINGLE PAGE)\*

**Roll Feed:** 18m (Varies according to the OS and application)

**Cut Sheet:** 1.6m

### BORDERLESS PRINTING WIDTHS

[Recommend]515mm(JIS B2), 728mm(JIS B1), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36"

[Printable]257mm(JIS B4), 297mm(ISO A3), 329mm(ISO A3+), 420mm(ISO A2), 8", 12", 16", 20", 30", 300mm, 500mm, 600mm, 800mm

### MEDIA CUTTER

Automatic horizontal cutting (Rotary cutter): standard

### MEDIA THICKNESS

0.07–0.8mm

### MEDIA INTERNAL DIAMETER SIZES

Internal diameter of roll core: 2"/3"

### MAXIMUM ROLL OUTER DIAMETER

150 mm or less

### PRINTING SOFTWARE UTILITIES

Accounting Manager, Apple AirPrint, Device Management Console, Direct Print & Share, Free Layout Tool, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, PosterArtist Lite for Windows, Printer Driver Extra Kit for Windows/Mac (Free Print Utility Layout, Advanced Preview), Optimised Driver for AutoCAD, Print Plug-in for Microsoft® Word/Excel/PowerPoint® for Windows, Quick Utility Toolbox

### 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

### PRINT LANGUAGE

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

### INTERFACE

Standard (Built-in): Hi-Speed, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3x Full Duplex  
Wireless LAN (IEEE 802.11 b/g/n)\*

### ACOUSTIC NOISE

**Acoustic Pressure:** 44dB(A) (Plain paper, line drawing, standard mode) Stand by: 35dB(A) or less  
(Measured on ISO7779 standard)

**Acoustic Power:** 6.0 Bels (Plain paper, line drawing, standard mode)  
(Measured on ISO7779 standard)

### POWER SUPPLY

AC 100–240V (50–60 Hz)

### POWER CONSUMPTION

**Power consumption (using wired LAN):** 69 W or less

**At sleep mode (using wired LAN):** 3.6 W or less

**At sleep mode (using all ports)**

<EU only - data for ErP Lot 26>: 3.6 W or less

**At the power off:** 0.3 W or less

**Default setting for the time to enter the Sleep mode**

<EU only - data for ErP Lot 26>: 300sec

### OPERATIONAL ENVIRONMENT

**Temperature:** 15–30°C

**Relative Humidity:** 10–80% RH (No Dew Condensation)

### PRINTER DIMENSIONS (W X D X H) AND WEIGHT

#### Main Unit:

1289 x 748 x 439 mm

Weight: 48 kg (including Roll Holder Set, excluding ink and print head)

#### Main Unit + Stand + Basket (SD-31):

1289 x 870 x 1060 mm (Basket Opened: Position1)

1289 x 757 x 1060 mm (Basket Closed)

Weight: 59 kg (including Roll Holder Set, excluding ink and print head)

#### Main Unit + Stand + Basket (SD-32):

1289 x 887 x 1060 mm (Basket Opened: Position1)

1289 x 757 x 1060 mm (Basket Closed)

Weight: 60 kg (including Roll Holder Set, excluding ink and print head)

### PACKAGE DIMENSIONS (W X D X H) AND WEIGHT

#### Printer (Main unit with pallet):

1462 x 913 x 705mm, Weight: 79kg

#### Stand + Basket (SD-31):

1362 x 824 x 268mm, Weight: 19kg

#### Printer (Main unit with stand and pallet) (SD-31):

1462 x 913 x 961 mm, Weight: 104kg

#### Printer (Main unit with stand and pallet) (SD-32):

1462 x 913 x 961 mm, Weight: 105kg

### OPTIONS

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

#### User-Replaceable Items:

Ink Tank (PFI-120 [130ml] / PFI-320 [300ml])

Print Head (PF-06)

Maintenance Cartridge (MC-31)

Cutter Blade (CT-08)

\* Line accuracy repeatability is maximised 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.

‡ 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.

#### For information and services contact

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