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like you*

Canon

**MAKE SURE
YOU'RE SHARPER
THAN THE
COMPETITION**



imagePROGRAF
TM-305

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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

128GB(Physical memory 2GB)

HARD DRIVE

500GB

MEDIA FEED

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

MEDIA WIDTH

Roll Feed: 203.2–917mm

Cut Sheet: 203.2–917mm

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)*

Direct USB Thumb Drive Printing

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

POWER SUPPLY

AC 100–240V (50–60 Hz)

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: 49 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: 61 kg (including Roll Holder Set, excluding ink and print head)

PACKAGE DIMENSIONS (W X D X H) AND WEIGHT

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

1462 x 913 x 961 mm, Weight: 105kg

OPTIONS

2"/3" Roll Holder Set (H2-35)

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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