

**WHEN YOU'RE
NOT PREPARED
TO COMPROMISE
ON QUALITY**



imagePROGRAF
TX-3100

Canon

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SPECIFICATIONS

Print Head

PF-06

Technology

FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)

2,400 x 1,200 dpi

Line Accuracy*

±0.1% or less

Minimum Line Weight**

0.02 mm

Number of Nozzles

Matte Black: 5,120 Nozzles

Other Colours: 2,560 Nozzles per Colour

Droplet Size

5 Picolitre

Nozzle Pitch (Head Resolution)

1,200 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

Shipped with Printer: PFI-310 (330 ml)

MBK; PFI-110 (160ml) BK, C, M, Y

Replacement: PFI-110 (160 ml), PFI-310 (330 ml), or PFI-710 (700 ml)

Ink Supply Method

Tubing System with Sub-tanks

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 (Encrypted)

Mailboxes (User Job Storage)

One Common Inbox; 29 User Inboxes (Password - protected)

Media Feed

Roll Feed: One Roll, Front Loading, Front Output, Manual

Media Width

Roll Feed: 152.4–917 mm (6"–36")

Cut Sheet: 152.4–917 mm (6"–36")

Printable Margins

Roll Feed: All Sides: 3 mm, 0 mm for borderless

Cut Sheet: Top: 3 mm, Bottom: 12.7 mm,

Sides: 3 mm

Maximum Print Length (Single Page)*

Roll Feed: 18 m

Cut Sheet: 1.6 m

Borderless Printing Widths (Roll Media Only)

Recommended:

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

Printable:

257 mm (JIS B4), 297 mm (ISO A3), 329 mm (ISO A3+), 420 mm (ISO A2), 6", 8", 12", 15", 16", 18", 20", 22", Custom Roll Width (152.4–917 mm)

Media Cutter

Automatic Horizontal Cutting (Rotary Cutter)

Media Thickness

0.07–0.8 mm

Media Internal Diameter Sizes

2" and 3" (Adapters included)

Maximum Roll Outer Diameter

170 mm

Media Output

Multiposition Basket (Standard)

Printing Software Utilities

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

Operating System

Windows 8.1 (32/64 bit), Windows 10 (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–v11.x

Print Language

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

Interface

Standard (Built-in): USB 2.0 Hi-Speed (USB B port), 10/100/1000Base-T, Wireless LAN (IEEE 802.11 b/g/n)*, Direct Printing via USB Memory (USB A port)

Acoustic Noise

Operation: 51 dB (A) or less

Standby: 35 dB (A) or less

Acoustic Power: 6.9 Bels or less

(measured on ISO7779 standard)

Power Supply

AC 100–240 V (50–60 Hz)

Power Consumption

Maximum: 115W or less

Standby: 2.0 W or less

Power Off: 0.3 W or less

Operational Environment

Temperature: 15–30°C

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

Printer Dimensions (W x D x H) and Weight

With Basket Opened:

1,390 mm x 984 mm x 1,168 mm

Approx. 105kg

Package Dimensions (W x D x H) and Weight

Printer (main unit with stand, basket and pallet):

1,606 mm x 903 mm x 1,061 mm

Approx. 153 kg

Stacker: 1,249 mm x 906 mm x 291 mm

Approx. 24 kg

Roll Unit: 1,524 mm x 562 mm x 461 mm

Approx. 26 kg

Options

Roll Unit: RU-32

Roll Holder: RH2-34

Stacker: SS-31

PosterArtist

User-Replaceable Items:

Ink Tank (PFI-110/PFI-310/PFI-710)

Print Head (PF-06)

Maintenance Cartridge (MC-30)

Cutter Blade (CT-07)

* 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 client.

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