

Canon

The Next Standard of Engineering.

190 D Prints/Hour

Intelligent Media
Handling

Scan-to-Copy/File/Share
Solution Available



**imagePROGRAF
TX-3100**

PRINTER SPECIFICATIONS

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: PFI-310 (330 ml) MBK;

PFI-110 (160 ml) 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 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

Mailboxes (User Job Storage)

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

Media Feed

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

Media Width

Roll Feed: 6" - 36" (152 mm - 914 mm)

Cut Sheet: 6" - 36" (152 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)

Custom roll width 6" - 36" with Micro Margin Technology

Media Cutter

Durable Dual-Blade Rotary Cutter

Media Thickness

0.07 mm - 0.8 mm

Media Core Sizes

2" and 3" Core Adapters Included

Maximum Roll Outer Diameter

6.7" (170 mm)

Media Output Options

TX Stacker

Multipositional Catch Basket

Printing Software Utilities

Accounting Manager, Canon Print Service, Canon Production Printing (CPP) Driver Select, Canon Production Printing (CPP) Publisher Select, Device Management Console, Direct Print Plus, Free Layout Plus, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, PosterArtist Lite for Windows, Optimized Driver for AutoCAD, 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 2016 (64-bit), Windows Server 2019 (64-bit), Macintosh OS 10.12.6 or later

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 Printing

Acoustic Noise

Operation: 51 dB (A) or Less

Standby: 35 dB (A) or Less

Acoustic Power: 6.9 Bels or Less

Power Supply

AC 100 - 240 V (50 - 60 Hz)

Power Consumption

Maximum: 115 W or Less

Standby: 2.0 W or Less

Power Off: 0.3 W or Less

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)

imagePROGRAF TX-3100

Operational Environment

Temperature: 59° F - 86° F (15° C - 30° C)

Relative Humidity: 10 - 80% (No Condensation)

Printer Dimensions (H x W x D) and Weight

(With Stacker Opened)

46" x 55" x 47"; 257 lb. (Approx.)

Printer Dimensions (H x W x D) and Weight

(With Basket Opened)

46" x 55" x 39"; 231 lb. (Approx.)

Package Dimensions (H x W x D) and Weight

Printer (Main Unit with Stand and Pallet)

42" x 64" x 36"; 328 lb. (Approx.)

Basket

8" x 56" x 22"; 18 lb. (Approx.)

Stacker

12" x 50" x 36"; 52 lb. (Approx.)

Roll Unit

19" x 60" x 23"; 58 lb. (Approx.)

Options

- Multifunction Roll System (RU-32)
- 2"/3" Roll Holder Set (RH2-34)
- PosterArtist

User-Replaceable Items

- Ink Tank (PFI-110/PFI-310/PFI-710)
- Print Head (PF-06)
- Maintenance Cartridge (MC-30)
- Cutter Blade (CT-07)

What's In The Box

Printer, TX Stacker or Catch Basket, Stand, 2"/3" Core Media Spool (Adapters Included), Power Cord, Tools and Screws, Print Head, Maintenance Cartridge (Installed), 5 Ink Tanks (330 ml: MBK, 160 ml: BK/C/M/Y), 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, Warranty Statement

* 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.

■ 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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