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),
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)

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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ENERGY STAR