iPF500

SPECIFICATIONS

imagePROGRAF®
iPF500

Print-Head
PF-03

Technology
FINE (Full-Lithography Ink-Jet Nozzle Engineering)

Print Resolution (Max.)
2400 x 1200 dpi

Line Accuracy*
±0.1% or Less

Minimum Line Weight**
0.02mm

Number of Nozzles
Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size
4 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi x Two Rows

Print-Head Swath
1.07 inch

Ink Type
Dye
Cyan (C), Magenta (M), Yellow (Y), Black (BK)

Pigment
Matte Black (MBK) – Two Channels

Ink Tank
PFI-102

Ink Tank Capacity**
130ml per Tank

Number of Colors
5

Ink Supply Method
Tubing System

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Printer Memory
128MB

Media Feed
Top-Loading Manual Feed, Front-Loading Manual Feed, Cassette, Optional Top-Loading Roll Feed

Media Width
Roll Feed, Manual Feed
8" – 17" (203mm – 432mm)

Cassette
8" – 17" (203mm – 432mm)

Printable Margins
Roll Feed
All Sides: 0.12" (3mm) or 0" for Borderless

Cassette
All Sides: 0.12" (3mm)

Manual Feed
Left, Right, Trailing: 0.12" (3mm),
Leading: 0.90" (23mm) or 0.12" (3mm)

Minimum Printable Media Length
Roll Feed
8.0" (203mm)

Cassette
10.0" (254mm)

Top-Loading Manual Feed
10.98" (279mm)

Front-Loading Manual Feed
20.5" (520mm)

Maximum Print Length†
Roll Feed
59' (18m)

Cassette
23.38" (594mm)

Manual Feed (Top/Front)
24" (609mm)

Cassette Capacity (Plain Paper)
250 Sheets (Letter-Sized), 100 Sheets
(up to 13" x 19" Sized), 50 Sheets (up to 17" x 22" Sized)

Borderless Printing Widths (Roll Media Only)
10", 13", 14", 16", 17", B4 (10.12"/257mm)
A2 (16.54"/420mm)

Media Cutter
Durable Rotary Blade

Media Thickness
Cassette
0.08 – 0.3mm (3.2 – 11.8mil)

Top-Loading Manual Feed
0.08 – 0.8mm (3.2 – 31.4mil)

Front-Loading Manual Feed
0.5 – 1.5mm (19.6 – 59.0mil)

Roll Feed
0.07 – 0.8mm (2.8 – 31.4mil)

Media Core Sizes
2" or 3" Core (2/3" Core Adapter Included)

Maximum Roll Outer Diameter
5.9" (150mm)

Software
Printing Software
Printer Driver, HDI Driver for AutoCAD/AutoCAD LT 2000–2007††, Printer Driver Extra Kit▪ (Free Layout, imageRUNNER Linking Function)

Utilities
Media Configuration Tool, GARO Device Setup Utility

Applications
PosterArtist 2006▪▪

Device Status
GARO Status Monitor, Remote UI

Printer Language
GARO (Canon Proprietary)

Operating Systems▲
Windows 98SE/Me/2000/XP/2003 Server,
Windows Vista, Macintosh OS 9.1/X
10.2/10.3/10.4 (PowerPC or Intel)

Interface
Standard (Built-in)
USB 2.0 Hi-Speed, 10/100Base-T/TX

Optional
IEEE1394 (FireWire)

Acoustic Noise
Operation
53dB (A) or Less

Standby
35dB (A) or Less

Acoustic Power
6.7 Bels

Power Supply
AC 100–120V (50-60Hz)

Power Consumption
Maximum
100W or Less

Standby
6W or Less (7W or less when EB-05 is installed)

Power Off
1W or Less (Executive Order Compliant)

Certifications
UL, FCC Class B, ENERGY STAR

Operational Environment
Temperature
59 – 86 F° (15 – 30 C°)

Relative Humidity
10 – 80% (No Condensation)

Printer Dimensions (H x W x D)
12.5" x 32.2" x 28.9" (317mm x 819mm x 733mm)

Weight
Approx. 86 lb. (39kg)

Options
IEEE1394 Expansion Board (EB-05)
PhotoPRINT Select for imagePROGRAF
Auto Roll Feed Unit (RU-01)
Cabinet Stand (CB17-01)
Roll Holder Set (RH2-11)
Printer Stand (ST-11)
Desktop Basket (BU-02)

User Replaceable Items
Print-Head (PF-03)
Ink Tanks (PFI-102)
Maintenance Cartridge (MC-05)

What's In The Box
Printer, User Software CD (Printer Driver, HDI Driver, Utilities), Application CDs (PosterArtist Disk 1, 2), 6 Starter Ink Tanks (MBK x2, Cyan, Magenta, Yellow, Black), 2" Core Media Spool, Print Head, Maintenance Cartridge, Media Cutter, Built-in Ethernet/USB 2.0 Interface, Quick Setup Guide (Poster), Printer Reference Guide (Booklet), Power Cord, One-Year Onsite Warranty, Registration Card

* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

** Theoretical value based on data resolution

*** The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver is 50 feet.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2003/2004/2005/2006/2007

▪ Windows 2000/XP/2003 Server and for Macintosh, Auto Layout, and imageRUNNER Linking Function

▪▪ Windows 2000/XP

▲ For imagePROGRAF Printer Driver. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.