

Technical Specifications

imagePROGRAF PRO-4000

TECHNOLOGY

Printer Type	12 Colour 44"/1118mm
Print Technology	Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)
Number of Nozzles	18,432 nozzles (1536 nozzles x 12 colour)
Print Resolution	2,400 dpi x 1200 dpi
Nozzle Pitch	600 dpi x 2 includes Non-firing nozzle detection and compensation system
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
Ink Droplet Size	minimum 4 pl per colour
Ink Capacity	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 190ml
Ink Type	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser
OS Compatibility	Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10, Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2 Apple Macintosh: OSX 10.7.5 - 10.11
Printer Languages	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB 2.0 Ethernet: 10/100/1000 base-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b

MEMORY

Standard memory	3 GB
Hard Drive	320 GB

PRINT TIME FOR A0 PAGE SIZE

	Print Mode	Print Time
Plain Paper	Fast	1:37 min
	Standard	2:51 min
Coated Paper	Standard	2:51 min
	High Quality	5:36 min
	High Quality	10:05 min

MEDIA HANDLING

Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output Optional Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper: 203.2 - 1118 mm Cut sheet: 203.2 - 1118 mm
Media Thickness	Roll/Cut: 0.07 - 0.8 mm
Minimum Printable Length	203.2 mm
Maximum Printable Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Maximum Media Roll Diameter	170 mm
Media Core Size	Internal diameter of roll core: 2"/3"
Margins Recommended area	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm

Margins Printable area

Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm
Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm
Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm

Media Feed Capacity

Roll Paper: One roll. If second option is added then automatic switching is possible
Cut Sheet: 1 sheet

Media Take-up roll unit

Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

Borderless Printing Width (Roll Only)

515 mm(JIS B2), 728 mm(JIS B1), 1030 mm(JIS B0), 594 mm(ISO A1), 841 mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257 mm(JIS B4)*, 297 mm(ISO A3)*, 329 mm(ISO A3+)*, 420 mm(ISO A2)*, 8", 16", 30", 300 mm*

*Some environmental conditions may not produce the desired result

Maximum number of delivered prints

Standard position: 1 sheet
Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)

1593 mm x 984 mm x 1168 mm (Basket Opened)
1593 mm x 766 mm x 1168 mm (Basket Closed)
Weight approx 123 kg (including Roll Holder Set, excluding ink and print heads)

Packaged Dimensions WxDxH (mm) and Weight (Kg)

Printer: (Main unit and stand with pallet): 1820 mm x 915 mm x 1019 mm, Weight approx: 174 kg
Roll Unit: 1727 mm x 562 mm x 461 mm, Weight approx: 31 kg

POWER AND OPERATING REQUIREMENTS

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

Operation: 112 W or less

Sleep Mode

3.6W or less
Default setting for the time to enter the Sleep mode: Approx. 5 Minutes
Power off: 0.5 W or less

Operating Environment

Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)

Acoustic Noise (Power/Pressure)

Operation: 48 dB (A)
(Glossy paper, Print priority: Standard)
Standby: 35 dB (A) or less
Operation: 6.4 Bels or less
(Glossy paper, Image, Print priority: Standard)
(Measured on ISO7779 standard)

Regulations

Europe: CE mark, Germany: TUV mark, Russia: EAC, Other countries: CB certification

Environment Certificates

International Energy Star Program (WW), RoHS

WHAT'S INCLUDED

What's in the Box?

Printer, 1 x print head, 1 x Maintenance Cartridge, 3" Paper Core Attachment, EU & UK Power Cable, 1 Set of Starter Ink Tanks, Set Up Guide, Safety/Standard Environment Leaflet, User Software CD-ROM (OSX/Windows), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet, Quick Guide and Printhead Alignment Sheet

Software Included

imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite
Other software available as Download from Web.

OPTIONS

Optional Items

Roll Unit: RU-41
2/3" Roll Holder: RH2-45

CONSUMABLES

User Replaceable Items

Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml)
Print Head: PF-10
Cutter Blade: CT-07
Maintenance Cartridge: MC-30

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

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