# imagePROGRAF
## GP-4000

# EXCEPTIONAL FOR POSTER AND CG DESIGNS PRINTING WITH WIDE COLOUR GAMUT

A super-wide colour gamut printer delivering high productivity in poster and CG design printing for P4P market.

- **Expanded colour capabilities**
  Experience the full impact of a super-wide colour gamut, incorporating five newly developed colours, including the fluorescent pink, producing vivid and eye catching shades from pastel to neon variations

- **Industry-standard coverage**
  The imagePROGRAF GP-4000 is the world's first PANTONE™[1] calibrated printer[2] for PANTONE PASTEL & NEON GUIDE Coated[3], in addition to 99% coverage from the PANTONE FORMULA GUIDE Solid Coated[4]

- **High productivity**
  Smart roll paper and multifuction roll capabilities help maximum efficiency, while hot swap ink tanks allow ink to be replaced without interrupting or even stopping the printing process

- **Pin-accessed security**
  The enhnaced security print feature brings an extra confidence in your data security as utilizing a PIN access system to help prevent leakage due to misidentification, loss

**PRODUCT RANGE**

imagePROGRAF GP-2000

imagePROGRAF GP-200

imagePROGRAF GP-300

## Canon

# TECHNICAL SPECIFICATIONS

# imagePROGRAF GP-4000

## TECHNOLOGY

| | |
|---|---|
| Printer Type | 11 Colour 44" |
| Print Technology | Canon Bubblejet on Demand 11 colours integrated type (12 chips per print head x 1 print head) |
| Print Resolution | 2,400 x 1,200 dpi |
| Number of Nozzles | Total : 18,432 nozzles MBK, PBK, C, M, Y, GY, R, O, G, V, FP : 1,536 nozzles each |
| 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 |
| Nozzle Pitch | 600 dpi x 2 includes Non-firing nozzle detection and compensation system |
| Ink Droplet Size | minimum 4 pl per colour |
| Ink Capacity | Bundled Starter Ink : 330 ml (MBK, PBK, C, M, Y, GY, R, O, G, V, FP) Sales Ink : 160 ml, 330 ml, 700 ml |
| Ink Type | Pigment inks : 11 colour MBK, PBK, C, M, Y, GY, R, O, G, V, FP |
| OS Compatability | Microsoft Windows 32 Bit : 7, 8.1, 10 Microsoft Windows 64 Bit : 7, 8.1, 10, Windows Server 2008R2, 2012, 2012R2, 2016, 2019 Apple Macintosh : macOS 10.13.6 - macOS 11 |
| Printer Languages | 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 Ethernet : IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3x Full Duplex Wireless LAN : IEEE802.11n/IEEE802.11g/IEEE802.11b *Please refer to user manual how to activate/deactivate the wireless LAN |

## MEMORY

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| Standard memory | 3GB Expansion slot : No |
| Hard Drive | 500GB (Encrypted) |

## PRINTING SPEED
Poster:

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| Plain Paper (A0) | 1:37 (Fast) 2:49 (Standard) |
| Heavy coated Paper (A0) | 2:49 (Standard) 5:33 (High Quality) |
| Glossy photo Paper (A0) | 5:33 (Standard) 8:16 (High Quality) |

## MEDIA HANDLING

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| Media Feed and Output | Upper Roll Paper : One Roll, Front-loading, Front Output Lower Roll Paper (option) : One Roll, Front-loading, Front Output Cut Sheet : Front-loading, Front Output (Manual feed using media locking lever) |
| Media Width | Roll paper : 152.4 mm - 1118 mm Cut sheet : 152.4 mm - 1118 mm |
| Media Thickness | Roll/Cut : 0.07 mm - 0.8 mm |
| Minimum Printable Length | Roll paper : 101.6 mm Cut sheet : 203.2 mm |
| Maximum Printable Length | Roll paper : 18 m (Varies according to the OS and application) Cut sheet : 2133.6 mm |
| 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 print) : 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 : 1 roll Cut Sheet : 1 sheet |
| Media Take-up roll unit | Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll. |
| Borderless Printing Width (Roll Only) | [Recommended] 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" [Printable] 257 mm (JIS B4), 297 mm (ISO A3), 329 mm (ISO A3+), 420 mm (ISO A2), 6", 8", 12", 15", 16", 20", 22", 30", 34", 300 mm, 500 mm, 600 mm, 800 mm, 1000 mm, and custom roll width (152.4 - 1118 mm) |

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| Maximum number of delivered prints | Standard position : 1 sheet Flat position : A2 landscape, glossy paper up to 10 sheets, coated paper up to 20 sheets (excludes strong curled condition) |

## DIMENSIONS AND WEIGHT

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| Physical Dimensions WxDxH (mm) and Weight (Kg) | 1593 x 984 x 1168 mm (Basket Open) 1593 x 766 x 1168 mm (Basket Closed) 124 kg (Main Unit + Stand + Basket, including Roll Holder Set, excluding ink and print head) |
| Packaged Dimensions WxDxH (mm) and Weight (Kg) | Printer (Main unit with stand and pallet) : 1820 x 915 x 1042 mm 178 kg Roll Unit : 1727 x 562 x 461 mm 33 kg |

## POWER AND OPERATING REQUIREMENTS

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| Power Supply | AC 100-240V (50-60Hz) |
| Power Consumption | Operation : 99 W or less Sleep mode : 2.0 W or less Default setting for the time to enter the Sleep mode : Approx. 5 Minutes Power off : 0.3 W or less |
| Operating Environment | Temperature : 15-30°c, Humidity : 10-80% RH (no dew condensation) |
| Accoustic Noise (Power/Pressure) | Pressure Operation : 49 dB (A) (Plain paper, Standard mode, Poster) (Measured on ISO7779 standard) Standby : 35 dB (A) or less Power Operation : 6.6 Bels (Plain paper, Standard mode, Poster) (Measured on ISO7779 standard) |
| Regulations | Europe : CE mark Other Countries : CB certfication |
| Enviroment Certificates | TUV, CB |

## WHAT'S INCLUDED

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| What's in the Box? | Printer, 1 print head, 1 roll holder (spool), 3 inch paper core attachment, Power Cable, 1 set of starter ink tanks, Set up guide, Printer Stand Setup Guide, Quick Guide, Safety/ Standard Environment leaflet, User software CD-ROM (Win), PosterArtist Lite CD-ROM, EU Biocide Sheet, Important Information Sheet |
| Software Included | imagePROGRAF GP Printer Driver and PosterArtist Lite Other software available as Download from Web. |

## OPTIONS

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| Optional Items | 2/3" Roll Holder : RH2-46 Roll Unit : RU-43 |

## CONSUMABLES

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| User Replaceable Items | Ink Tank : PFI-2100 (160ml), PFI-2300 (330ml), PFI-2700 (700ml) Print Head : PF-10 Cutter Blade : CT-07 Maintenance Cartridge : MC-30 |

[1]  PANTONE™ is a trademark or registered trademark of Pantone LLC.

[2]  As of 31st August, 2021 according to professional services performed by Pantone.

[3]  PANTONE PASTELS & NEONS GUIDE Coated colour gamut coverage rate is 97% for GP-4000 / GP-2000 when using Photo Paper Pro Platinum with imagePROGRAF printer driver at [Poster/Photo (Fluorescent)] [Highest] (600 dpi)

[4]  When using Photo Paper Pro Platinum with imagePROGRAF printer driver at [Poster/Photo (Fluorescent)] [Highest] (600 dpi)

## Disclaimer

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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.

FINE
Full-photolithography Inkjet Nozzle Engineering

L-COA

LUCIA PRO ink

PosterArtist Lite

Canon