



## imagePROGRAF PRO-4600

# WHERE YOUR VISION BECOMES TIMELESS PRECISION

Elevate your fine art and photography with unbeatable image quality and longevity from the 12-colour imagePROGRAF PRO-4600. Amplify the strength in superior image quality from existing range in presenting most faithful colours with perfect gradation and precision, the quality is further enhanced with a mesmerizing true blacks, ensuring every print captures the full essence of the vision of photographers.

- Premium image quality**  
 Deliver print perfection with exceptional colour gradation for striking photography and fine art pieces. The cutting-edge 12-colour LUCIA PRO II ink set<sup>1</sup> with Chroma Optimiser, it enhances dark density and produces deeper blacks with precision
- Increased durability**  
 Future-proof your art with the imagePROGRAF PRO-4600. Improve image robustness with high scratch resistant ink and preserve your work with better light fastness using high light-resistance pigment ink for 200 years<sup>2</sup>. Revel in unrivalled durability and set the benchmark for print longevity
- Seamless workflows**  
 Transform printing workflows with easier media handling and simplified settings. Enhance efficiency with dual rolls, auto media loading, practical interior LED light and roll media size indicator. With new print head monitoring function and auto alignment adjustment, masterpieces are created without image deterioration
- Improved sustainability**  
 Protect the environment by using less power during operation and power-off. The imagePROGRAF PRO-4600 is EPEAT Gold rated<sup>3</sup> and its packaging reduces 89.5% of polystyrene usage

<sup>1</sup>Eleven out of the twelve inks are newly developed. The matte black ink is the same as the one used by the imagePROGRAF GP-2000/4000.

<sup>2</sup>When using Canon Photo Paper Pro Platinum. Predicted value calculated in accordance with the indoor light resistance test method and life evaluation criteria of the digital colour photographic print image preservation evaluation method (JEITA CP-3901B) published by JEITA (Japan Electronics and Information Technology Industries Association).

<sup>3</sup>EPEAT Gold registered in the U.S.

# Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF PRO-4600

PRINTER TECHNOLOGY

|                                          |                                                                                                                                                                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printer Type                             | 12 Colours 44"                                                                                                                                                                                                                            |
| Print Technology                         | Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)                                                                                                                                             |
| Print Resolution                         | 2,400 x 1,200 dpi                                                                                                                                                                                                                         |
| Number of Nozzles                        | 18,432 nozzles (1536 nozzles x 12 colours)                                                                                                                                                                                                |
| Line Accuracy                            | ±0.1% or less<br>User adjustments necessary. Printing environment and media must match those used for the adjustments.                                                                                                                    |
| Nozzle Pitch                             | 600 dpi x 2 includes Non-firing nozzle detection and compensation system                                                                                                                                                                  |
| Ink Droplet Size                         | minimum 4pl per colour                                                                                                                                                                                                                    |
| Ink Capacity                             | Bundled Starter Ink: 3960ml (330ml for each colour)<br>Sales Ink: 160ml / 330ml / 700ml                                                                                                                                                   |
| Ink Type                                 | Pigment inks : 12 colours<br>(Matte Black, Photo Black, Cyan, Magenta, Yellow, Grey, Photo Cyan, Photo Magenta, Photo Grey, Red, Blue, Chroma Optimiser)                                                                                  |
| OS Compatability                         | 32 Bit: Windows7, Windows 8.1, Windows 10<br>64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022<br>Apple Macintosh: macOS 10.15.7-macOS 13                                     |
| Others supported job submission protocol | Apple AirPrint                                                                                                                                                                                                                            |
| Printer Languages                        | PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)                                                                                                                                                                                                      |
| Standard Interfaces                      | USB A Port: USB Memory (Direct Print) for PDF/JPEG files<br>USB B Port: Hi-Speed USB<br>Ethernet: IEEE802.3ab(1000base-T), IEEE802.3u(100BASE-TX)/IEEE802.3 (10BASE-T)<br>Wireless LAN <sup>1</sup> : IEEE802.11n/IEEE802.11g/IEEE802.11b |
|                                          |                                                                                                                                                                                                                                           |
| MEMORY                                   |                                                                                                                                                                                                                                           |
| Standard Memory                          | 3GB<br>Expansion slot : No                                                                                                                                                                                                                |
| Hard Drive                               | 500 GB (Encrypted HDD)                                                                                                                                                                                                                    |
|                                          |                                                                                                                                                                                                                                           |
| PRINTING SPEED                           |                                                                                                                                                                                                                                           |
|                                          | Plain paper (A0)<br>1:37 (Fast)<br>2:49 (Standard)                                                                                                                                                                                        |
|                                          | Coated paper (A0)<br>2:49 (Standard)<br>5:35 (High Quality)                                                                                                                                                                               |
|                                          | Glossy Photo Paper (A0)<br>5:35 (Standard)<br>8:50 (High Quality)                                                                                                                                                                         |
|                                          |                                                                                                                                                                                                                                           |
| MEDIA HANDLING                           |                                                                                                                                                                                                                                           |
| Media Feed and Output                    | Upper Roll Paper : One Roll, Upper-loading, Front Output<br>Lower Roll Paper: One Roll, Front-loading, Front Output<br>Cut Sheet : Upper-loading, Front Output<br>(Manual feed using media locking lever)                                 |
| Media Width                              | Roll paper: 152.4 - 1118mm<br>Cut sheet: 152.4 - 1118mm                                                                                                                                                                                   |
| Media Thickness                          | Roll/Cut : 0.07mm - 0.8mm                                                                                                                                                                                                                 |
| Minimum Printable Length                 | Roll paper: 101.6mm (Cross and canvas paper: 200mm)<br>Cut sheet: 203.2mm                                                                                                                                                                 |
| Maximum Printable Length                 | Roll paper : 18m<br>(varies according to the OS and application)<br>Cut sheet : 1.6m                                                                                                                                                      |
| Maximum Media Roll Diameter              | 170mm                                                                                                                                                                                                                                     |
| Media Core Size                          | Internal diameter of roll core: 2"/3"                                                                                                                                                                                                     |
| Margins Recommended area                 | Roll paper: Top: 20mm, Bottom: 3mm, Side: 3mm<br>Cut sheet: Top: 20mm, Bottom:20mm, Side:3mm                                                                                                                                              |

Margins Printable Area

Media Feed Capacity

Media Take-Up Roll Unit

Borderless Printing Width (Roll Only)

Maximum number of delivered prints

POWER AND OPERATING REQUIREMENTS

Power Supply

Power Consumption

Operating Environment

Acoustic Noise (Power/Pressure)

Regulations

Environment Certificates

DIMENSIONS AND WEIGHT

Physical Dimensions and Weightw

Packaged Dimensions and Weight

WHAT'S INCLUDED

What's In the Box?

Software Included

OPTIONS

Optional Items

CONSUMABLES

User Replaceable Items

|                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm<br>Roll paper (borderless): Top: 0mm, Bottom: 0mm, Side: 0mm<br>Cut sheet: Top: 3mm, Bottom: 12.7mm, Side: 3mm                                                                                                                                                                                                                                                          |
| Roll Paper: Two rolls. Automatic switching is possible.<br>Roll Paper, Cut Sheet: Manual switching is possible<br>Cut Sheet: 1 sheet                                                                                                                                                                                                                                                                                 |
| Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll                                                                                                                                                                                                                                                                                                                    |
| [Recommended] 515mm(JIS B2), 728mm(JIS B1), 1030mm (JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44"<br>[Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm (ISO A3+), 364mm(JIS B3/B4), 420mm(ISO A2), 6", 8", 12", 15", 16", 18", 20", 22", 30", 34", 300mm, 500mm, 600mm, 800mm, 1000mm<br>Other than above, free size borderless printing is supported on only roll paper by user definition |
| Standard position: 1 sheet<br>Flat position: A2 landscape, glossy paper less than 10 sheets, coated paper less than 20 sheets (excludes strong curled condition)                                                                                                                                                                                                                                                     |
| AC 100-240V (50-60Hz)<br>Operation: 85W or less<br>Sleep mode: 2.3W or less<br>Default setting for the time to enter the Sleep mode: Approx. 5 minutes<br>Power off: 0.1W or less                                                                                                                                                                                                                                    |
| Temperature: 15-30, Humidity: 10-80% RH (no dew condensation)                                                                                                                                                                                                                                                                                                                                                        |
| Operation: Approx. 48dB(A)<br>(Measured based on ISO7779 Photo Glossy Paper HG/Standard/42")<br>Standby: 35 dB(A) or less<br>Operation: 6.5 Bels or less (Measured based on ISO7779 Photo Glossy Paper HG/Standard/42")                                                                                                                                                                                              |
| CE mark, UKCA mark<br>CB certification, EPEAT GOLD <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                      |
| W x D x H<br>Main unit + Stand<br>1593x984x1168 mm (Basket Opened)<br>1593x766x1168 mm (Basket Closed)<br>124kg (including Roll Holder Set, excluding ink and print head)                                                                                                                                                                                                                                            |
| Printer (Main unit with pallet): 1820 x 915 x 1042 mm, 185kg<br>Roll unit: 1727 x 562 x 461 mm, 33kg                                                                                                                                                                                                                                                                                                                 |
| Printer, Printer Stand, 1 Print head, Power Cable, 1 Set of starter ink tanks, Installation Guide, Safety/Standard Environment leaflet, LFP Eur Address Sheet, Important Information Sheet, Stack Printer Stand Setup Guide, Notice for PosterArtist WEB                                                                                                                                                             |
| Software available as Download from Web.                                                                                                                                                                                                                                                                                                                                                                             |
| 2"/3" Roll Holder: RH2-46<br>Roll Unit: RU-43                                                                                                                                                                                                                                                                                                                                                                        |
| Ink Tank: MBK: PFI-2100(160ml)/PFI-2300(330ml)/<br>PFI-2700(700ml)<br>Others:PFI-3100(160ml)/PFI-3300(330ml)/<br>PFI-3700(700ml)<br>Print Head: PF-10<br>Cutter Blade: CT-07<br>Maintenance Cartridge: MC-30                                                                                                                                                                                                         |

<sup>1</sup>Please refer to user manual how to activate/deactivate the wireless LAN

<sup>2</sup>EPEAT Gold registered in the U.S.

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.



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