



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 set¹ 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 years². 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 rated³ and its packaging reduces 89.5% of polystyrene usage

¹Eleven 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.

²When 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).

³EPEAT Gold registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF PRO-4600

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|---------------------------|--|--|
| PRINTER TECHNOLOGY | <p>Printer Type 12 Colours 44"</p> <p>Print Technology Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)</p> <p>Print Resolution 2,400 x 1,200 dpi</p> <p>Number of Nozzles 18,432 nozzles (1536 nozzles x 12 colours)</p> <p>Line Accuracy ±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.</p> <p>Nozzle Pitch 600 dpi x 2 includes Non-firing nozzle detection and compensation system</p> <p>Ink Droplet Size minimum 4pl per colour</p> <p>Ink Capacity Bundled Starter Ink: 3960ml (330ml for each colour) Sales Ink: 160ml / 330ml / 700ml</p> <p>Ink Type Pigment inks : 12 colours (Matte Black, Photo Black, Cyan, Magenta, Yellow, Grey, Photo Cyan, Photo Magenta, Photo Grey, Red, Blue, Chroma Optimiser)</p> <p>OS Compatability 32 Bit: Windows7, Windows 8.1, Windows 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022 Apple Macintosh: macOS 10.15.7-macOS 13</p> <p>Others supported job submission protocol Apple AirPrint</p> <p>Printer Languages PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)</p> <p>Standard Interfaces USB A Port: USB Memory (Direct Print) for PDF/JPEG files USB B Port: Hi-Speed USB Ethernet: IEEE802.3ab(1000base-T), IEEE802.3u(100BASE-TX)/IEEE802.3 (10BASE-T) Wireless LAN¹: IEEE802.11n/IEEE802.11g/IEEE802.11b</p> | <p>Margins Printable Area Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm Roll paper (borderless): Top: 0mm, Bottom: 0mm, Side: 0mm Cut sheet: Top: 3mm, Bottom: 12.7mm, Side: 3mm</p> <p>Media Feed Capacity Roll Paper: Two rolls. Automatic switching is possible. Roll Paper, Cut Sheet: Manual switching is possible Cut Sheet: 1 sheet</p> <p>Media Take-Up Roll Unit Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll</p> <p>Borderless Printing Width (Roll Only) [Recommended] 515mm(JIS B2), 728mm(JIS B1), 1030mm (JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44" [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 Other than above, free size borderless printing is supported on only roll paper by user definition</p> <p>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)</p> <p>POWER AND OPERATING REQUIREMENTS</p> <p>Power Supply AC 100-240V (50-60Hz)</p> <p>Power Consumption Operation: 85W or less Sleep mode: 2.3W or less Default setting for the time to enter the Sleep mode: Approx. 5 minutes Power off: 0.1W or less</p> <p>Operating Environment Temperature: 15-30, Humidity: 10-80% RH (no dew condensation)</p> <p>Acoustic Noise (Power/Pressure) Operation: Approx. 48dB(A) (Measured based on ISO7779 Photo Glossy Paper HG/Standard/42") Standby: 35 dB(A) or less Operation: 6.5 Bels or less (Measured based on ISO7779 Photo Glossy Paper HG/Standard/42")</p> <p>Regulations CE mark, UKCA mark</p> <p>Environment Certificates CB certification, EPEAT GOLD²</p> <p>DIMENSIONS AND WEIGHT</p> <p>Physical Dimensions and Weight W x D x H Main unit + Stand 1593×984×1168 mm (Basket Opened) 1593×766×1168 mm (Basket Closed) 124kg (including Roll Holder Set, excluding ink and print head)</p> <p>Packaged Dimensions and Weight Printer (Main unit with pallet): 1820 x 915 x 1042 mm, 185kg Roll unit: 1727 x 562 x 461 mm, 33kg</p> <p>WHAT'S INCLUDED</p> <p>What's in the Box? 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</p> <p>Software Included Software available as Download from Web.</p> <p>OPTIONS</p> <p>Optional Items 2"/3" Roll Holder: RH2-46 Roll Unit: RU-43</p> <p>CONSUMABLES</p> <p>User Replaceable Items Ink Tank: MBK: PFI-2100(160ml)/PFI-2300(330ml)/PFI-2700(700ml) Others:PFI-3100(160ml)/PFI-3300(330ml)/PFI-3700(700ml) Print Head: PF-10 Cutter Blade: CT-07 Maintenance Cartridge: MC-30</p> |
| MEMORY | <p>Standard Memory 3GB Expansion slot : No</p> <p>Hard Drive 500 GB (Encrypted HDD)</p> | |
| PRINTING SPEED | <p>Plain paper (A0) 1:37 (Fast) 2:49 (Standard)</p> <p>Coated paper (A0) 2:49 (Standard) 5:35 (High Quality)</p> <p>Glossy Photo Paper (A0) 5:35 (Standard) 8:50 (High Quality)</p> | |
| MEDIA HANDLING | <p>Media Feed and Output Upper Roll Paper : One Roll, Upper-loading, Front Output Lower Roll Paper: One Roll, Front-loading, Front Output Cut Sheet : Upper-loading, Front Output (Manual feed using media locking lever)</p> <p>Media Width Roll paper: 152.4 - 1118mm Cut sheet: 152.4 - 1118mm</p> <p>Media Thickness Roll/Cut : 0.07mm - 0.8mm</p> <p>Minimum Printable Length Roll paper: 101.6mm (Cross and canvas paper: 200mm) Cut sheet: 203.2mm</p> <p>Maximum Printable Length Roll paper : 18m (varies according to the OS and application) Cut sheet : 1.6m</p> <p>Maximum Media Roll Diameter 170mm</p> <p>Media Core Size Internal diameter of roll core: 2"/3"</p> <p>Margins Recommended area Roll paper: Top: 20mm, Bottom: 3mm, Side: 3mm Cut sheet: Top: 20mm, Bottom: 20mm, Side: 3mm</p> | |

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

²EPEAT Gold registered in the U.S.

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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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