

Canon

imagePROGRAF  
PRO-1000



*no one sees it  
like you*

# imagePROGRAF PRO-1000

## THE NEW STANDARD IN A2 DESKTOP INKJET PRINTERS

### Building on a Proud Tradition: PRO Print Range

Its sometimes hard to match the quality of your image with your finished print. Now, a new standard of desktop inkjet printer has been established with the Canon imagePROGRAF PRO-1000. Canon has built on years of credentials in both photography and print to develop core technologies in print head and inks that can deliver professional, quality prints up to A2, exactly the way you envisioned it.

The imagePROGRAF PRO-1000 is Canon's first A2 desktop inkjet printer and is the perfect addition for those who wants to get the best quality in A2

#### PIXMA PRO-100'S

- Stunning quality A3+ photo printer
- Rich colour 8-ink dye based system
- 3 mono inks for quality grayscale photos



#### PIXMA PRO-10s

- Professional A3+ photo printer
- 10-ink pigment-based system with Chroma Optimizer
- Gallery quality, colour and mono prints



A3+

#### PIXMA PRO-1

- Ultimate quality prints up to A3+ with commercial scale productivity
- Unique 12-ink systems with exceptional colour gamut
- Stunning black and white prints with 5 monochrome inks



#### imagePROGRAF PRO-1000

- Exceptional quality A2 printer
- New 12-ink pigment based system
- Effortless printing of high speed, high quality prints



A2

### Core Technology

Every effort has been made in development and production to ensure a new level of efficiency is obtained. The imagePROGRAF PRO-1000 incorporates technology that ensures professional results are produced every time.

- Outstanding quality prints up to A2 in approximately six minutes on PT-101
- Newly developed 1.28" print head containing 18,432 nozzles
- High-density print head technology producing prints to be proud of
- New LUCIA PRO pigment inks enabling a broader colour gamut and greater expression in dark areas
- Improved abrasion resistance through addition of silicon oil to Pigment ink
- Produce precise prints with advanced paper feeding and roller system
- Unique vacuum air feeding system reducing paper movement in printing process
- In built non-firing nozzle detection within print head eliminates banding
- Colour calibration which is an original Canon colour stability system for economical, high-precision colour stability amongst multiple printers



### High Quality

The exceptional quality prints of the imagePROGRAF PRO-1000 can largely be attributed to the newly developed Lucia Pro Ink and combination of colours utilised.

- Unique 12-ink LUCIA PRO pigment based system
- Advances in ink system reducing bronzing
- Colour volume rate of 110% of the PIXMA PRO-1 on Lustre Paper and up to 119% on Matte Papers
- Wider colour gamut with colour reproduction compared with highly acclaimed Pro-1
- Exceptional results on all media types showing true versatility







## High Productivity

The imagePROGRAF PRO-1000 is tool for passionate people and as such, its built as productive and versatile as you are.

- New L-COA PRO Image Processing System incorporated
- Precise ink droplet placement ensures correct balance and mixture of inks
- Reduced processing time further enhance printing efficiencies
- Mounted 1.28-inch extended print head drastically improving printing speed
- Print area is expanded by 50% with each movement of the print head
- High levels of productivity enabled through efficient high speed printing
- Print a 17"x22" photograph in approximately 4 minutes 10 seconds\*
- Heightened printing accuracy and stable quality provided
- Precise control of ink injection volumes every 1/200th of a second

*\*when using canon Photo Pro Luster Paper*

## New Ink System

The LUCIA PRO inks include a Photo Black, Matt Black, Grey and Photo Grey, which ensure professional quality monochrome prints with increased black density and dynamic range compared to existing PIXMA PRO and Canon Large Format Printers.

- Specialized Chroma Optimizer ink minimises bumps between the ink droplets achieving uniform glossiness, regulates surface reflection to keep colours natural in prints
- Advanced ink system reduces the bronzing effect providing photographers with the prints they demand
- The all new LUCIA PRO ink improves abrasion resistance preventing printed surfaces from being scratched through the addition of Silicone oil
- Print large volumes easily with the new 80ml cartridges providing longer periods between ink tanks changes, resulting in less down time and greater cost efficiencies



## Management Solutions

The imagePROGRAF PRO-1000 enables professionals a vast array of solutions to optimise their printing workflow making it easier for photographers to print their photos accurately and efficiently.

- Utilise Canon's Print Studio Pro plugin to print quickly from a range of advanced editing software suites
- Unleash your creativity with Adobe Photoshop and Lightroom software or manage multiple printers with Device Management console Software
- Employing a vast range of connectivity options, the imagePROGRAF PRO-1000 enables users to print wirelessly from a range of devices including laptops, PCs, tablets, smartphones and cameras
- Optimise on the cloud printing support meaning your photos stored in popular online storage services can be printed directly, using services such as Dropbox and Google Drive

## Brief Specifications

Quality	<ul style="list-style-type: none"> <li>– 4 pl ink droplets (All)</li> <li>– 2400*1 x 1200 dpi (Max.)</li> <li>– 12 ink system: (MBK/PBK/C/M/Y/PC/PM/GY/PGY/R/B/CO)</li> <li>– Individual Ink Tank</li> </ul>
Speed	<ul style="list-style-type: none"> <li>– A2, color Approx. 6 min.</li> </ul>
Printing Solutions	<ul style="list-style-type: none"> <li>– Pro Gallery Print</li> <li>– PIXMA Cloud Link</li> <li>– Print Studio Pro</li> </ul>
Management Solutions	<ul style="list-style-type: none"> <li>– Quick Utility Tool Box</li> <li>– Media Configuration Tool</li> <li>– Account Manager</li> <li>– Device Management Console</li> </ul>
Network	<ul style="list-style-type: none"> <li>– IEEE802.3u (100BASE-TX) / IEEE802.3(10BASE-T) / Auto-Negotiation</li> <li>– TCP/IP</li> <li>– IEEE802.11n / IEEE802.11g / IEEE802.11b</li> </ul>



# Detailed Specifications



		Class	17"	
		Ink Type	MBK/PBK/C/M/Y/PC/PM/GY/PGY/R/B/CO	
		Maximum Print Resolution	2400 (horizontal) 1 x 1200 (vertical) dpi	
		Installation	User installation	
		Print Speed - PT101 Photo Paper	Approx 6 min. (Colour / Black & White Print Mode)	
		Print Speed - LU-101 Photo Paper	Approx 4 min. 10 sec (Colour / Black & White Print Mode)	
		Dimensions WxDxH (mm) / Weight (Kg) (Unit)	Approx. 723 x 433 x 285 mm / Weight approx. 32kg (including print head and inks)	
		Dimensions WxDxH (mm) / Weight (Kg) (Package)	Approx. 1,006 x 556 x 433 mm / Weight approx. 38kg (including print head, inks, manuals)	
Power Supply	Input power	AC 100-240V 50/60Hz		
	Power consumption*7	approx 37W		
	Standby power consumption	approx 2.5W		
	Power off	approx 0.4W		
Acoustic Noise (PC Print)	Photo (4"x6")*2	approx 41.0 dB(A)		
	Document (A4, B/W)*3	Quiet Mode OFF: approx. 40.8 dB(A) Quiet Mode ON: approx. 40.4 dB(A)		
Paper Handling (Rear Tray) (Maximum Number)	Plain Paper	A5/A4/A3/B5/B4/LTR/LGL/LDR=150, A2/B3=20		
	Photo Paper Pro Platinum (PT-101)	4x6=20, 2LTR/A4/A3/A3+/8"x10"/10"x12"/14"x17"= 10, A2=1		
	Photo Paper Plus Glossy II (PP-201)	4x6=20, 25x7/LTR/A4/A3/A3+/8"x10"= 10		
	Photo Paper Pro Luster (LU-101)	LTR/A4/A3/A3+=10, A2/17"x22"=1		
	Photo Paper Plus Semi-gloss (SG-201)	4x6=20, 2LTR/5x7/A4/A3/A3+/8"x10"/10"x12"/14"x17"= 10, 17"x22"=1		
	Matte Photo Paper (MP-101)	LTR/A4/A3/A3+=10		
	Photo Stickers (PS-101)	PS-101, PS-201, PSHRS = 1		
	Lightweight Photo Paper	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
	Heavyweight Fine Art Paper	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
	Japanese Paper Washi	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
	Canvas	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
	Red Label Superior 80 g/m2	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
	Canon Océ Office Colour Paper 80 g/m2	LTR/A4/A3/A3+/A2/17"x22"/LDR=1		
Operating Environment*4	Temperature: 5~35°C, Humidity: 10~90%RH (no dew condensation)			
Recommended Environment*5	Temperature: 15~30°C, Humidity: 10~80%RH (no dew condensation)			
Storage Environment	Temperature: 0~40°C, Humidity: 5~95%RH (no dew condensation)			
Detector and Adjustment	Registration adjustment	Automatic/Manual		
	Banding adjustment	No		
	Line length adjustment	No		
	Head slant adjustment	No		
	Colour calibration	Yes (with a colour calibration notification functions)		
	Head gap adjustment	Automatic/Manual		
	Non-firing detection	Yes		
Memory	Standard memory	1GB		
Firmware (Languages)	Printer Language	SG Raster (Swift Graphic Raster)		
	Job control	IVEC		
	Status reply	IVEC		
Operation Panel	Display	3.0" (320 x 240 TFT LCD), Key x 13, LED x 2		
	Language on operation panel	No		
	Displayable language on LCD	21 Languages Selectable: Japanese/English/German/Italian/Spanish/Portuguese/Dutch/Polish/ Russian/Danish/Norwegian/Swedish/Finnish/Czech/Simplified Chinese/Traditional Chinese/Korea/Thai/Indonesian/French/Turkish		
Interface	Hi-Speed USB	Type	Built-in	
		Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer	
		Connector type	Series B (4 pins)	
	Ethernet	Type	Built-in	
Standard		IEEE 802.3 10base-T / IEEE 802.3u 100base-TX / Auto-Negotiation		
Protocol		TCP/IP		
Print Head	Model	NA		
	Type	Bubble-jet on demand		
	Head configuration	12 colors integrated type (4 colors chips x 3)		
	Nozzle pitch	600dpi x 2		
	Nozzle per chip	1,536 nozzles x 12 colors		
	Droplet size	4pl per color		
Ink tank	Head replacement	Service support		
	Model	JP/AMR/EUR/OCE:PFI-1000 MBK/PBK/C/M/Y/PC/PM/GY/PGY/R/B/CO		
	Supply	Tubing system		
	Colors	MBK/PBK/C/M/Y/PC/PM/GY/PGY/R/B/CO		
	Capacity	Sales use: 80ml, Starter use: 80ml		
	Level detection	Detected by dot count and electrode (Empty)		
	Smart chip	Each ink tank is equipped with EEPROM which stores its ink level		
Media Handling	Media Feeding	Rear tray / Manual feed slot		
	Media Size	A5, A4, A3, A3+, A2, B5, B4, B3, 4x6", 5x7", 8x10", 10x12", 14x17", 17x22", LTR, LGL, LDR		
	Media Thickness	Rear tray: Plain paper 64~105g/m2, Canon specialty paper Max.300g/m2, 0.1~0.3mm		
	Media Width	Manual feed slot: Canon specialty paper Max.400g/m2, 0.1~0.7mm		
	Minimum Printable Paper Length	Rear tray: 127mm / Manual feed slot: 254mm		
	Maximum Printable Paper Length	594mm		
	Margins (Top, Bottom, Sides)	Recommended area	Top margin: 57mm, Bottom margin: 55mm, Left/Right: 3.4mm (LTR/LGL: Left margin 6.4mm, Right margin 6.3mm)	
			Top margin 3mm, Bottom margin 5mm, Left/Right margin 3.4mm (LTR/LGL: Left margin 6.4mm, Right margin 6.3mm)	
		Borderless printing	Top/Bottom/Left/Right 0mm	
	Borderless Printing*6	Media Width	A4, A3, A3+, A2, 4x6", 5x7", 8x10", 10x12", 14x17", 17x22", LTR	
Environment Certifications	International Energy Star Program (WW), RoHS directive, EPEAT			
Consumables / Ink cartridge	PFI-1000 MBK/PBK/C/M/Y/PC/PM/GY/PGY/R/B/CO			
Maintenance Cartridge	MC-20			
Direct Specifications	Apple AirPrint	Layout	1-up (bordered/borderless*10) 1-up (bordered only)	
		Print Quality*9	LTR, A4, A3, A3+, A2, 4"x6", 5"x7", 8"x10", 10"x12", 14"x17", 17"x22" A5, B5, B4, B3, LGL, LDR, Custom size Standard/High	
	PIXMA/MAXIFY Printing Solutions	Layout	1-up (bordered/borderless*10) (for iOS/Android)	
		Print Quality	LTR, A4, A3, A3+, 4"x6", 5"x7", 8"x10", 10"x12", 14x17" A5, B5, B4, LGL Fixed	
	Camera Direct	Layout	1-up (bordered*10 / borderless*10)	
		Photo Index	LTR, A4, 4"x6", 5"x7", 8"x10", A3, A3+, 17"x22"	
		Print with shooting information	LTR, A4, 4"x6", 5"x7", 8"x10"	
		20-up print with shooting information	LTR, A4, 4"x6", 5"x7", 8"x10", A3, A3+, 17"x22"	
		File number & date print	LTR, A4	
		Print Quality*9	Available * 12 Standard/High	

- Disclaimers:
- Ink droplets can be placed with a pitch of 1/2400 inch at minimum.
  - When printing ISO/JIS-SCID N2 pattern on Photo Paper Pro Platinum using default settings.
  - Acoustic Noise is measured based on ISO7779 standard.
  - The performance of the printer may be reduced under certain temperature and humidity conditions.
  - For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
  - Paper types NOT supported for borderless printing are as follows: Photo Stickers
  - When printing ISO/JIS-SCID N2 pattern on A4 size Photo Paper Pro Platinum (PT-101) using default settings. Specifications are subject to change without notice.
  - Resolution may be changed between Direct print and printing from PC.
  - The amount of image extension beyond the paper cannot be adjusted.<sup>10</sup>
  - Plain paper is printed bordered automatically, regardless of the camera settings.
  - Non-support for 2/4/9/16-up in sticker printing as well as date/file number printing in disc label printing. As for '4-up' print layout, either file number or date can be printed at one time.

