A **NEW ERA** IN **LARGE** FORMAT PRINTING STARTS **HERE**

IMAGEPROGRAF PRO-4000S



Whether you're an established printer or looking to enter the large format arena, the imagePROGRAF PRO-4000S offers a wide range of applications and features to enhance your capabilities. Print a variety of images and documents easily, quickly and with the highest level of quality.

Canon thought of every detail when it came to building the ultimate large format production printer. A multitude of useful features such as no-touch media handling, hot-swap ink management and a compact footprint makes the new imagePROGRAF PRO-4000S the perfect addition to your business.

At a glance

- 44" (112cm) wide
- 2400 x 1200 dpi
- New XPS Driver
- Single printhead design
- LUCIA PRO inks with Chroma Optimiser
- Borderless printing
- Newly developed L-COA PRO processor

Multi-functional Roll Unit

Load two rolls of media at the same time or use the second roll unit as a take-up reel

Wi-Fi connectivity

Connect to your workflow how you want. Via USB, network cable or wirelessly

L-COA PRO processor

A new control engine to process large volumes of data and optimise ink layout for ultra-fast print speeds

Accounting Manager

Software helps keep track of printing costs

Colour Calibration

Built-in sensors read colour density to ensure your last print is as stunning as your first

Canon

No one does it like you

imagePROGRAF iPF PRO-4000S Specifications

Item	Specification
Model	PRO-4000S
Class	44"
Ink Type	Pigment ink
Maximum Print Resolution	2400×1200dpi
Installation	User installation
Stand	Assembly type
Unpackaged Dimensions W x D x H (mm), Weight (kg)	
Main Unit + Stand + Basket	1593 × 984 × 1168 (Basket Opened) 1593 × 766 × 1168 (Basket Closed) Weight approx 121kg (including Roll Holder Set, excluding ink and print heads)
Main Unit + Roll Unit + Stand + Basket	Weight approx 141 kg (including Roll Holder Set, excluding ink and print heads)
Packaged Dimensions W x D x H (mm), Weight (Kg)	
Printer (Main unit with stand and pallet)	1820 x 915 x 1019 mm, Weight: approx 172kg
Roll Unit	1727 x 562 x 461 mm, Weight: approx 31kg
Power Supply	
Input power	AC 100-240V (50-60Hz)
Power consumption	Printing: 107 W or less
Standby power consumption	1.8 W or less
Power off (standby)	0.5 W or less
Recommended Environment	
Temperature: 15~30°C, Humidity: 10~80%RH (no dew condensation)	
Acoustic Noise	
Acoustic pressure	Operation approx. 49 dB (A) Standby: 35 dB (A) or less
Acoustic power	Operation approx. 6.6 Bels or less
Detector and Adjustment	
Registration adjustment	Automatic / Manual
Banding adjustment	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	Automatic
Colour calibration	Yes (with a colour calibration notification function)
Head gap adjustment	Automatic / Manual (6 levels)
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
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.	
Memory	
Standard memory	3GB
Firmware	
Languages - Printer Language	SGRaster (Swift Graphic Raster)
Update	Updated from USB, Ethernet port (Utility use)
Operation Panel	
Display	LCD (3.5 inch / 8.8 cm TFT colour)
Hard Disk	
320GB	
Interface	
USB B Port - Type	Built in (Hi-Speed USB)
USB B Port - Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
USB B Port - Connector Type	Series B (4 pins)
USB A Port	USB Memory (Direct Print)
Gigabit Ethernet - Type	Built-in
Gigabit Ethernet - Standard	IEEE 802.3 10base-T IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3ab 1000base-T / Auto-Negotiation IEEE 802.3x Full Duplex
Gigabit Ethernet- Protocol	SNMP (Canon-MIB), HTTP TCP/IP (IPv4/IPv6)
Wireless LAN - Standard	IEEE802.11n/IEEE802.11g/IEEE802.11b
Wireless LAN - Security	WEP (64/128bit) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)

Print Head	
Model	PF-10
Type	Bubble-jet on demand
Head configuration	12 colour integrated type ×1 print head
Nozzle pitch	600dpi ×2
Nozzle per chip	18,432 nozzles (1536 nozzles x 4 colour, 3072nozzles×4 colour)
Droplet size	minimum 4pl per colour
Ink Tank	
Model	PFI-1100 (160ml) / PFI-1300 (330ml) / PFI-1700 (700ml)
Supply	Tubing system (with sub-tank)
Sub inktank Capacity	Each colour 30ml
Colours	Pigment 8 colour (PBK/MBK/C/M/Y/PC/PM/GY)
Ink Tank Size - Sales	160ml, 330ml or 700ml
Ink Tank Size - Starter	330ml per colour
Level detection	Detected by dot count and electrode (Empty)
Smart chip	Each ink tank is equipped with EEPROM which stores its ink level
Cutter	
Model	CT-07
Type	Automatic horizontal cutting (Rotary cutter): standard
Other Consumables	
Maintenance Cartridge	MC-30
Media Feed and Output	
Roll paper	One Roll, Front-loading, Front Output
Added Roll Paper	One Roll, Front-loading, Front Output
Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Paper path switch (roll/cut sheet)	Manually switchable by user
Delivery direction	Face-up, Front side
Media Take-up Unit	Dual direction - forward and backward rolling
Media Thickness	
Roll paper	0.07~0.8mm
Cut Sheet	0.07~0.8mm
Maximum Outside Diameter of Roll Paper	
170 mm or less	
Media Core Size	
Internal diameter of roll core: 2"/3"	
Media Width	
Roll paper	203.2~1118mm
Cut Sheet	203.2~1118mm
Minimum Printable Paper Length	
203.2mm	
Maximum Printable Paper Length	
Roll paper	18 m (Varies according to the OS and application)
Cut Sheet	1.6 m
Margins - Recommended area	
Roll paper	Top: 20mm, Bottom: 3mm, Side: 3mm
Cut Sheet	Top: 20mm, Bottom: 20mm, Side: 3mm
Margins - Printable area	
Roll paper	Top: 3mm, Bottom: 3mm, Side: 3mm
Roll paper (borderless print)	Top: 0mm, Bottom: 0mm, Side: 0mm
Cut sheet	Top: 3mm, Bottom: 20mm, Side: 3mm
Borderless Printing	
Media Width	Recommended - 515mm (JIS B2), 728mm (JIS B1), 1030mm (JIS B0), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42", 44" Other - 257mm (JIS B4), 297mm (ISO A3), 329mm (ISO A3+), 420mm (ISO A2), 8", 16", 30", 300mm

Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	RCM	RCM
Environment Certifications		
International Energy Star Program (WW), RoHS Tentative		
Options		
Roll Unit	RU-41	
2/3" Roll Holder	RH2-45	