

Large-format inkjet printers to meet demanding professional needs in the graphic arts markets



imagePROGRAF

The new iPF6350 and iPF6300 are capable of producing outstanding A1+ (24") prints for the photography and proofing markets by featuring a newly developed high-precision mechanical structure and new pigment ink system. The iPF6350 and iPF6300 deliver proof prints with higher accuracy and photo prints with richer colours, fulfilling professional users' demands for extremely sophisticated print quality.



## Key Features

### Photo Print Quality

Sophisticated photographic expression through excellent colour reproduction from a wider colour gamut and advanced printer driver with a new High-Precision Photo mode:

- More expressive blacks
- Better scratch resistance
- Improved colourfastness
- Improved durability
- Smoother gradation
- Reduced bronzing
- Reduced metamerism
- Reduced graininess
- Enhanced colour response

### Proofing Print Quality

High-precision printing to meet quality needs demanded in proofing.

- High-Precision Text/Line mode
- High-Precision frame construction
- Dynamic Placement Adjustment
- Consistent colour reproduction, through onboard calibration
- High-precision adjustment, using built-in multi sensors
- Wider colour gamut
- Exceptional colour stability



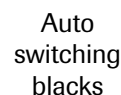
4pl FINE print-head technology producing **2400 x 1200 dpi** print resolution through a **twin** print head design with **30,720**



L-COA image processor for **high-speed, high-precision** image processing and printer control.



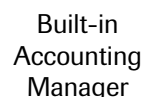
LUCIA EX 12 colour pigment ink that meets the exacting standards of professionals in colour or monochrome photography and proofing applications.



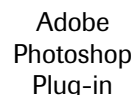
Automatic switching to match the paper eliminates the need to change inks. Separate rows of nozzles for the two types of black prevent ink wastage at the time of replacement.



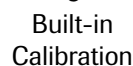
High-impact borderless printing on a variety of paper sizes is possible giving user's greater **creative freedom** in poster production and large-format photographic printing whilst **reducing costs**.



Built in accounting functions to collect printer job information and calculate **printing costs** allowing users to identify who printed what document from what printer and the associated costs.



**16-bit Adobe RGB** images edited in Photoshop can be printed directly from imagePROGRAF printers, preserving the wide gamut and high gradation.



On board printer calibration is provided to quickly and efficiently improve **colour consistency**.



Energy Star® Compliant  
Meets Energy Star® guidelines for **energy efficiency**

The iPF6350 and iPF6300 inherit the trait of high performance from the imagePROGRAF range, but with the addition of refined technical advances, incorporated to satisfy professional needs in the areas of photographic print quality and proof print quality.

Technology providing highly precise and exceptionally high quality printing.

### Technical Specifications

Item	Specification		
Size	24-inch		
Ink Type	12 colour LUCIA EX Pigment Ink: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B		
Maximum Print Resolution	2400 x 1200dpi		
Installation	User installation		
Product Durability	30,000 sheets of A1-size (with service maintenance) (Printing conditions: glossy paper, standard mode)		
Dimensions, Weight (Net)	Main unit with Auto Roll Feed Unit (standard)	1,177w x 670d x 344h mm; Weight: approx. 51kg (excluding consumables and a Printer Stand)	
	Main unit and Printer Stand	1,177w x 870d x 991h mm; Weight: approx. 66kg (excluding consumables)	
Power Supply	Input power	AC 100 - 240 V (50 - 60 Hz)	
	Power consumption	Operation: 100 W or less	
	Standby power consumption	7 W or less (At the low power mode)	
	Power off (standby)	1 W or less	
Operational Environment	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)		
Acoustic Noise	Acoustic pressure (Measured under the conditions in the right column, based on ISO 7779)	Operation approx. 47 dB (A) (Glossy paper, Image, Print quality: Standard) Standby: 35 dB (A) or less	
	Acoustic power (LWA/d)	Operation 6.4 Bels or less (Glossy paper, Image, Print quality: Standard)	
Detector and Adjustment	Registration adjustment	Automatic / Manual	
	Banding adjustment	Automatic / Manual	
	Line length adjustment	Manual	
	Head slant adjustment	No	
	Colour calibration	Yes	
	Head gap adjustment	Automatic / Manual	
	Non-firing detection	Yes	
	Non-firing compensation	Yes	
	Roll media remaining detection function	Yes	
	Memory	Standard memory	384 MB
	Firmware	Printer language	GARO (Graphic Arts language with Raster Operations)
Job control		CPCA	
Status reply		CPCA, SNMP-MIB (Standard MIB, Canon-MIB)	
Operation Panel	Display	Large LCD: 160 x 128 dots, LED x 5, Key x 13	
	Language on operation panel Displayable Language on LCD	US-English, Japanese US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Japanese (Kanji)	
Hard Disk	iPF6350 ONLY	2.5-inch 80 GB 5400 rpm S - ATA I/F	
Interface	Hi-Speed USB Type	Built-in; Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer; Series B (4 pins)	
	Ethernet Type	Built-in 10/100/1000 Full Duplex	
	Protocol	IPX/SPX (Netware 4.2 (J), 5.1 (J), 6.0 (J)); SNMP (Canon-MIB); HTTP; TCP/IP (IPv4/IPv6); AppleTalk	
<b>Media Handling</b>			
Media Feed and Output	Roll paper ( )	Single Roll Auto Roll Feed Unit Standard; top-loading [front operation possible], front output	
	Cut sheet	Manual feed (1 sheet), Front loading and front output or top loading and front output	
	Delivery direction	Face-up, Front side	
	Maximum stacking number of delivered prints	Basket: one sheet	
Media Size	Roll paper (Width)	ISO - A3, A2, A1 ; JIS - B4, B2; ARCH - D (24"); Others - 8", 10", 14", 16", 17", 300 mm, A3+ (329 mm)	
	Cut sheet (top loading)	ISO - A4, A3, A3+, A2, A2+, A1, B4, B3, B2; DIN - C4, C3, C2; ANSI - 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34"; ARCH - 9 x 12", 12 x 18", 18 x 24", 24 x 36"; Photo - 20 x 24", 18 x 22", 14 x 17", 12 x 16", 10 x 12", 10 x 15", 16 x 20" (US Photo size); Poster - 20 x 30", 300 x 900 mm; Others - 13 x 22"	
	Cut sheet (front loading)	ISO - A2, A1, B2; DIN - C2; JIS - B2; ANSI - 17 x 22", 22 x 34"; ARCH - 18 x 24", 24 x 36"; Photo - 20 x 24", 18 x 22"; Poster - 20 x 30"; Others - 13 x 22"	
Media Thickness	Roll paper	0.07 - 0.8 mm	
	Cut sheet	Top - 0.07 - 0.8 mm; Front - 0.5 - 1.5 mm	
Maximum Outside Diameter of Roll Paper		150 mm	
Media Core Size	Internal diameter of roll core	2" / 3"	
Media Width	Roll paper	203.2 mm - 610 mm	
	Cut sheet	Top - 203.2 mm - 610 mm; Front - 250 - 610 mm / POP board use only: A2, A1	
Minimum Printable Paper Length	Roll paper	203.2 mm	
	Cut sheet	Top - 279.4 mm; Front - 350mm	
Maximum Printable Paper Length	Roll paper	18 m (Varies according to the OS and application)	
	Cut sheet	Top - 1.6 m; Front - 914mm	
Margins	Recommended area	Roll paper	Top: 20 mm, Bottom: 5 mm, Left/Right: 5 mm
		Manual feed from top	Top: 20 mm, Bottom: 23 mm, Left/Right: 5 mm
	Printable area	Manual feed from front	Top: 20 mm, Bottom: 23 mm, Left/Right: 5 mm
		Roll paper	Top: 3 mm, Bottom: 3 mm, Left/Right: 3 mm
	Roll paper (borderless print)	Manual feed from top	Top: 0 mm, Bottom: 0 mm, Left/Right: 0 mm
		Manual feed from front	Top: 3 mm, Bottom: 3 mm (*1), Left/Right: 3 mm (*1: Bottom margin for art paper: 23 mm)
Borderless Printing Media Width (Roll paper only)		10" (254 mm), B4 (257 mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm)	
Manual Media feed capacity		1 sheet (from top, from front)	
<b>Compliance</b>			
Electrical safety regulations		AS	
Electromagnetic interface regulations		C-Tick	
Environment certifications		Energy Star, ROHS	
<b>Consumables</b>			
Print Head	Model/ Type	PF-05 / Bubble-jet on demand	
	Head configuration	6 colours integrated type (6 chips per print head x 2 print heads)	
	Nozzle pitch	1200 dpi x 2	
	Nozzle per chip	2,560 nozzles x 6 colours, 2 print heads	
Tank	Droplet size	4pl	
	Model	PFI-105: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B	
	Supply	Tubing system (with sub-tank)	
	Capacity	Starter use: 90ml, Sales use: 130ml	
	Level detection	Detected by dot count and electrode (Empty)	
Smart chip	Each ink tank is equipped with EEPROM which stores its ink level		
Maintenance Cartridge		MC-16	
Cutter	Type	Automatic horizontal cutting (Rotary cutter), independent unit	
	Cutter durability (cuts)	15,000 cuts for A1-size media	



PosterArtist Software



PosterArtist is an easy-to-use, high-quality poster creation application. It allows professional-quality posters to be produced quickly and easily even by office users with no specialist design experience, for use in retail, distribution, service, education, manufacturing, and other fields. The software features simple operation and an extensive range of templates and design materials, enabling posters to be created to suit requirements by following just four steps and supporting a diverse range of poster creation needs.

