

EXQUISITE **IMAGE QUALITY** FOR THE *MOST* DEMANDING OF JOBS

imagePROGRAF iPF6400 and iPF6450

The imagePROGRAF iPF6400 and iPF6450 Large Format Printers are ideal for helping dedicated artisans and demanding graphic professionals achieve extraordinary results.

These 24"-wide solutions are optimal for proofing, photography and fine art printing.

The iPF6450 printer, with a built-in 250gb hard drive (iPF6450 only), has the option to add an onboard Spectrophotometer for advanced colour management, including the ability to obtain colour consistency across all the products in the new 12-ink Series (24" to 60").

At a glance

- 24 inch
- 2400 X 1200dpi
- Adobe Photoshop plug-in
- 12 colour LUCIA EX ink
- 250gb hard drive
- Optional Spectrophotometer
- Borderless printing



imagePROGRAF



Poster Artist

Design and print your own posters and signs with ease



Adobe Photoshop plug-in

Print directly from Photoshop with enhanced colour reproduction



Top Loading Media

Space saving design with convenient operation and easy to use



Sub-ink tank system

Ink can be changed without interrupting a print job



Accounting Manager

Software helps keep track of printing costs

Canon

no one sees print like you

imagePROGRAF iPF6450 Specifications



General	
Model	Canon Large Format Printer iPF6400 and 6450
Class	24"
Ink Type	Pigment inks : LUCIA EX ; 12 colours: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B
Maximum Print Resolution	2,400 x 1,200dpi
Dimensions, Weight (Net) W x D x H (mm), (Kg)	
Main unit with Auto Roll Feed Unit (standard)	1,227 (W) x 702 (D) x 344 (H) mm; Weight: approx. 54kg (excluding consumables and a Printer Stand)
Main unit with a basket open and a printer stand	1,227 (W) x 870 (D) x 1,001 (H) mm; Weight: approx. 70kg (excluding consumables). Basket close: 1,227 (W) x 751 (D) x 1,001 (H) mm
Main unit with a basket open, a printer stand and Spectrophotometer	1,227 (W) x 970 (D) x 1,001 (H) mm; Weight: approx. 91kg (excluding consumables). Basket close: 1,227 (W) x 875(D) x 1,001 (H) mm
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	
Main unit (pallet included)	1,370 (W) x 928 (D) x 668 (H) mm; Weight: approx. 88kg
Printer Stand	1,115 x 864 x 237mm, Weight: approx. 26kg
Power Supply	
Input power	AC 100 - 240 V (50 - 60 Hz)
Power consumption	Operation: 100W or less
Standby power consumption 100 V - 120V	5W or less
At the low power mode 220 V - 240 V	6W or less
Power off (standby)	0.5W or less
Operational Environment	
Temperature	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)
Acoustic Noise (Measured under the conditions, based on ISO 7779)	
Registration adjustment	Automatic / Manual
Banding adjustment	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	No
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
Detector and Adjustment	
Registration adjustment	Automatic/Manual
Banding adjustment (Line Feed adjustment)	Automatic/Manual
Line length adjustment	Manual
Head slant adjustment	Automatic
Colour calibration	No
Head gap adjustment	Automatic / Manual
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
Line Accuracy	
±01 % 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	384Mb
Expansion slot	No
Firmware	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations)
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, Ethernet port (Utility use)
Operation Panel	
Display	Large LCD: 160 x 128 dots, LED x 5, Key x 13
Language on operation panel	US-English, Japanese
Displayable Language on LCD	US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Japanese (Kanji)
Hard Disk (iPF6450 only)	
2.5-inch 250 GB 5400rpm S-ATA I/F	
Interface	
USB 2.0 Hi-Speed - Type	Built-in
USB 2.0 Hi-Speed - Mode	Full Speed (12Mbit/sec), High Speed (480Mbit/sec), Bulk transfer
USB 2.0 Hi-Speed - Connector Type	Series B (4 pins)
Ethernet - Type	Built-in
Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base TX/Auto-Negotiation, IEEE 802.3ab 1000base TX/Auto-Negotiation, IEEE 802.3x Full Duplex
Ethernet - Protocol	IPX/SPX (Netware 4.2(J), 5.1(J), 6.0 (J)) SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk

Print Head			
Model	PF-05		
Type	Bubble-jet on demand		
Head configuration	6 colours integrated type (6 chips per print head x 2 print heads)		
Nozzle pitch	1200dpi x 2		
Nozzle per chip	2,560 nozzles x 6 colours, 2 print heads		
Droplet size	4pl		
Head replacement	User replacement		
Ink Tank			
Model	130ml : PFI-106 BK/MBK/C/M/Y/PC/PM/GY/PGY/R/G/B 300ml : PFI-206(iPF6400/6450) BK/MBK/C/M/Y/PC/PM/GY/PGY/R/G/B		
Supply	Tubing system (with sub-tank)		
Colours	Pigment ink 12 colours (BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B)		
Capacity	Starter use: 90ml, Sales use: 130ml/300ml		
Level detection	Detected by dot count and electrode (Empty)		
Smart chip	Each ink tank is equipped with EEPROM which stores its ink level.		
Cutter			
Type	Automatic horizontal cutting (Rotary cutter), independent unit		
Media Feed and Output			
Roll paper (Auto Roll Feed Unit: Standard)	One Roll (top-loading [front operation possible], front output)		
Cut sheet - Manual feed (1 sheet)	Front loading and front output, top loading and front output		
Delivery direction	Face-up, Front side		
Maximum stacking number of delivered prints	Basket: one sheet		
Media Thickness			
Roll paper	0.07 - 0.8mm		
Cut sheet - Manual feed from top	0.07 - 0.8mm		
Cut sheet - Manual feed from front	0.5 - 1.5mm		
Maximum Outside Diameter of Roll Paper			
150mm			
Media Core Size			
Internal diameter of roll core: 2" / 3"			
Media Width			
Roll paper	203.2mm - 610mm Format supported "Media Width" is limited to the "Media Size"(roll paper widths) specified in this document.		
Cut sheet - Manual feed from top	203.2mm(8") - 610mm(24")		
Cut sheet - Manual feed from front	250 - 610 mm		
Minimum Printable Paper Length			
Roll paper	203.2mm		
Cut sheet - Manual feed from top	279.4mm		
Cut sheet - Manual feed from front	350mm		
Maximum Printable Paper Length			
Roll paper	18m (Varies according to the OS and application)		
Cut sheet - Manual feed from top	1.6m		
Cut sheet - Manual feed from front	914mm		
Margins - Recommended area			
Roll paper	Top: 20mm, Bottom: 5mm, Left/Right: 5mm		
Cut sheet - Manual feed from top	Top: 20mm, Bottom: 23mm, Left/Right: 5mm		
Cut sheet - Manual feed from front	Top: 20mm, Bottom: 23mm, Left/Right: 5mm		
Margins - Printable area			
Roll paper	Top: 3mm, Bottom: 3mm, Left/Right: 3mm		
Roll paper (borderless print)	Top: 0mm, Bottom: 0mm, Left/Right: 0mm		
Manual feed from top	*Top: 3mm, Bottom: 3mm (*), Left/Right: 3mm		
Manual feed from front	*t: Bottom margin for art paper: 23mm *		
Borderless Printing (Roll paper only)			
Media width	10" (254mm), B4 (257mm), 14" (356mm), 16" (407mm), A2 (420mm), A2+17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)		
Media feed capacity			
UL, FCC Class B, ENERGY STAR®			
Regulations			
Australia	AS	Electromagnetic interface regulations	C-Tick
Environment certifications			
International Energy Star Program (WW), RoHS directive			
Option			
Printer Stand	ST-28		
Roll Holder Set	RH2-25 (2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer)		
Spectrophotometer unit (iPF6450 only)	SU-21		
Consumables			
Ink Tank	130ml : PFI-106 BK/MBK/C/M/Y/PC/PM/GY/PGY/R/G/B 300ml : PFI-206 BK/MBK/C/M/Y/PC/PM/GY/PGY/R/G/B		
Print Head	PF-05		
Maintenance Cartridge	MC-16		



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