

you can
Canon


imagePROGRAF
iPF600

Reproduce your biggest
plans in glorious detail

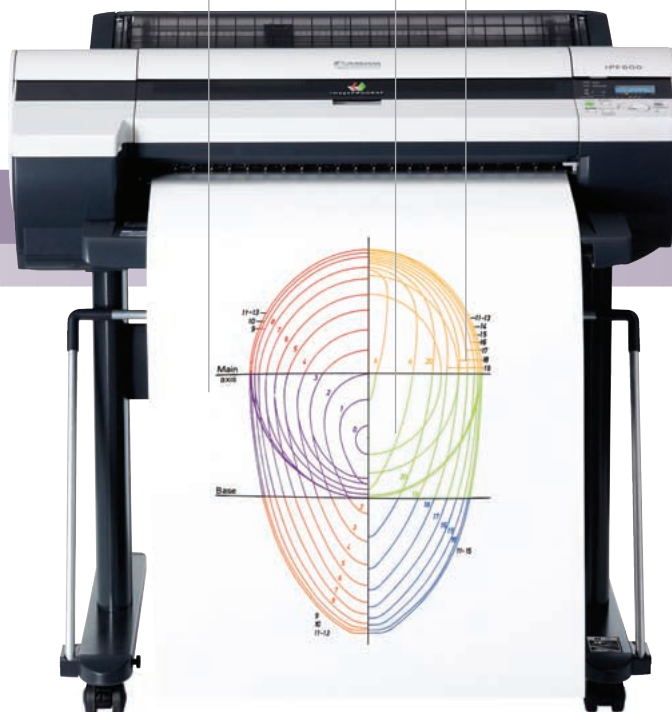
iPF600

LFP SOLUTIONS

Sharper, thinner lines
and high black density
for CAD plan production

Great colour output
with brilliant text and less
abrasion for general office use

Superb signs and posters
with vivid colours and solid
image consistency



Designed to meet the exacting needs of CAD and GIS applications, the iPF600 is a welcome addition to your business. Featuring vivid colours and precise line rendering, it's a dependable solution for A1+ production where productivity matters.

Vivid colours, compact and productive

- **New 5 colour dye and pigment reactive ink** system ensures excellent reproduction.
- **High speed media feeding** from cassette allows device to be used as a powerful office colour printer.
- **High performance, high durability** cutter incorporated for a professional finish.
- **Convenient 4-way media feeding** with automatic switching between media types for added productivity.
- **Rich software plug-ins** and powerful, yet simple-to-use, poster creation software (PosterArtist) incorporated as standard.
- **Flexible media handling** – Plain paper, CAD, recycled, glossy, proofing, synthetic, poster.
- **Compact and quiet** – it's the output not the noise that gets you noticed.

Ideal for Corporate, CAD / GIS



Specifications IPF600

Class	24-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2,400 x 1,200 dpi
Printing Speed (A1 Roll)	
Plain paper	0:35 (Draft-CAD)
Coated Paper	1:20 (Standard-CAD)
Photo Glossy Paper	2:47 (Standard-Full Colour Image)
Dimensions, Weight (Net)	
W x D x H (mm), (kg)	Main unit 997 (W) x 810 (D) x 344 (H) mm; Weight: approx. 58 kg
Dimensions, Weight (Packaged)	
W x D x H (mm), (kg)	Main unit with Palette, 1,138 (W) x 914 (D) x 672 (H) mm; Weight: approx. 71 kg Stand and Basket 1,077 (W) x 860 (D) x 237 (H) mm; Weight: approx. 23 kg
Power Supply	
Input power	AC 220 - 240 V (50/60 Hz)
Power consumption	100 W or less
Standby power consumption (At the low power mode)	
220 V - 240 V	7 W or less (when IEEE1394 is mounted, 14 W or less)
Power off (standby)	1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)
Acoustic Noise	
Acoustic pressure	Operation: 53 dB (A) or less, Standby: 35 dB (A) or less
Acoustic power	Operation: 6.7 Bels or less
Minimal Line Width	0.02mm (Theoretical value)
Line Accuracy	±0.1 % or less (User adjustments necessary. Printing environment media must match that used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.)
Operation Panel Display	Large LCD: 16 columns x 2 lines, Key x 11, LED x 4
Language on LCD	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji)
Interface	
USB2.0 Hi-Speed	Built-in
Type	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer Series B (4 pins)
Mode	
Connector type	
Ethernet	Built-in
Type	IEEE 802.3 10base-T
Standard	IEEE 802.3u 100base-TX / Auto-Negotiation
Protocol	IEEE 802.3 x Full Duplex
IEEE1394	IPX/SPX (Netware 3.2(J), 4.1(J), 4.11(J), 4.2(J), 5.0(J), 5.1(J) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Type	
Standard	Slot card type (Option)
Data-transfer time	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial 100 / 200 / 400 Mbit/sec.
Connector type	In compliance with IEEE1394 - 1995, 6 pins, No power supply
Operating Systems supported	Windows 98SE, Me, 2000, XP, 2003 / Macintosh OS 9, OS X
PRINT HEAD	
Model	PF-01
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head)
Nozzle pitch	1,200 dpi x 2
Nozzle per chip	2,560 nozzles per colour
Droplet size	4 pl per colour
INK TANK	
Model	PFI-102 (130ml)

MEDIA HANDLING	
Roll paper	One Roll, Back-loading, Front Output
Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper, Matt Coated Paper, Extra Matt Coated Paper, Opaque Paper, High Resolution Graphic Paper, High Resolution Barrier Paper, Water Resistant Semi Glossy Paper, Water Resistant High Glossy Paper, Instant Dry Paper Glossy, Instant Dry Paper Satin, Photo Paper High Gloss, Photo Paper Satin, Photo Paper Semi Matt, Photo Paper Pearl, Heavy Weight Glossy Photo Paper, Heavy Weight Satin Photo Paper, Commercial Proofing Paper, Commercial RC Proofing, Glossy Proofing Paper, Semi glossy Proofing Paper
Media Size	
Roll paper (width)	ISO: A3, A2, Others: 10", 14", 16", 17"
Cut sheet	ISO: A4, A3, A3+, A2, B4, B3, DIN: C4, C3, C2, JIS: B4, B3, ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", ARCH: 9 x 12", 12 x 18", Photo: 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size), Others: 13 x 22"
Media Thickness	Roll paper & Cut sheet: 0.07 - 0.8 mm
Maximum Outside Diameter of Roll Paper	150.0 mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width	Roll paper: 254 - 609.6 mm Cut sheet: 203.2 - 609.6 mm
Minimal Printable Paper Length	203.2 mm
Maximum Printable Paper Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Margins (Top, Bottom, Sides)	
Recommended area	Roll paper: Top: 20 mm, Bottom: 5 mm, Side: 7 mm Cut sheet: Top: 20 mm, Bottom: 23 mm, Side: 7 mm
Printable area	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless print): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 23 mm, Side: 3 mm
Media width for borderless printing	257 mm (JIS B4), 329mm (JIS A3+), 420 mm (ISO A2), 431.8 mm (ISO A2+/17"), 10", 14", 16", 24"
OPTION	
Printer Stand	ST-24
Roll Holder Set	(2-inch core spindle with 3-inch media tube attachment and borderless printing space) - RH2-24
IEEE1394 Expansion Board	EB-05
CONSUMABLES	
Ink Tank	PFI-102 (130 ml) ; MBK, BK, C, M, Y
Print Head	PF-01
Maintenance Cartridge	MC-06
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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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