

you can  
**Canon**

  
imagePROGRAF  
**iPF600**

Reproduce your biggest  
plans in glorious detail

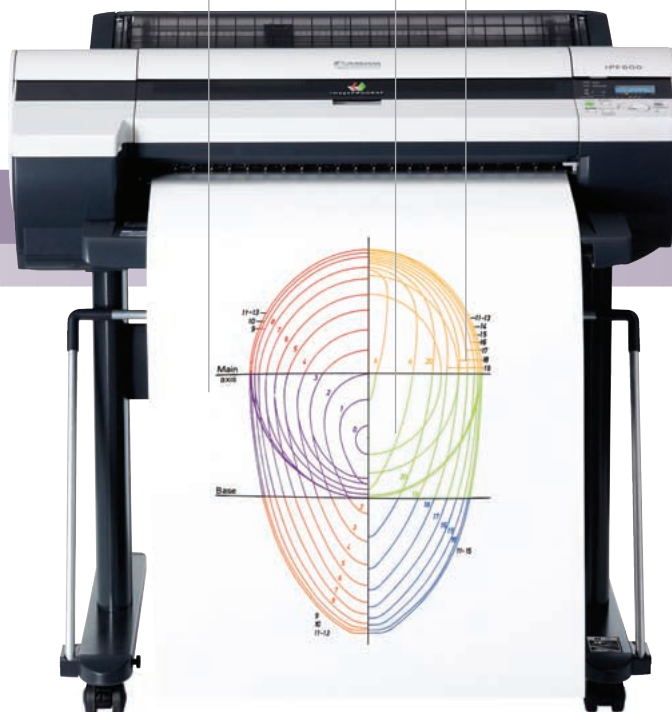
iPF600

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.



## 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)                          | 0:35 (Draft-CAD)   |
| Plain paper                                       | 1:20 (Standard-CAD)  |
| Coated Paper                                      | 2:47 (Standard-Full Colour Image)  |
| Photo Glossy Paper                                |  |
| Dimensions, Weight (Net)                          | Main unit 997 (W) x 810 (D) x 344 (H) mm;<br>Weight: approx. 58 kg   |
| W x D x H (mm), (kg)                              |  |
| Dimensions, Weight (Packaged)                     | Main unit with Palette, 1,138 (W) x 914 (D) x 672 (H) mm;<br>Weight: approx. 71 kg   |
| W x D x H (mm), (kg)                              | Stand and Basket 1,077 (W) x 860 (D) x 237 (H) mm;<br>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) | 7 W or less (when IEEE1394 is mounted, 14 W or less)   |
| 220 V - 240 V                                     | 1 W or less (In compliance with Executive Order of the President of the United States of America)  |
| Power off (standby)                               | Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)  |
| Operational Environment                           |  |
| Acoustic Noise                                    | Operation: 53 dB (A) or less, Standby: 35 dB (A) or less   |
| Acoustic pressure                                 | Operation: 6.7 Bels or less  |
| Acoustic power                                    | 0.02mm (Theoretical value)   |
| Minimal Line Width                                | ±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.) |
| Line Accuracy                                     | Large LCD: 16 columns x 2 lines, Key x 11, LED x 4   |
| Operation Panel Display                           | US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji)   |
| Language on LCD                                   |  |
| Interface   |  |
| USB2.0 Hi-Speed                                   | Built-in   |
| Type  | Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer   |
| Mode  | Series B (4 pins)  |
| 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   |
|   | 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   |
| IEEE1394  |  |
| Type  | Slot card type (Option)  |
| Standard  | IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial  |
| Data-transfer time                                | 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  |
| <b>PRINT HEAD</b>                                 |  |
| 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  |
| <b>INK TANK</b>                                   |  |
| Model   | PFI-102 (130ml)  |

|  |   |
|--|---|
| <b>MEDIA HANDLING</b>  |   |
| 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"   |
| <b>OPTION</b>  |   |
| 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   |
| <b>CONSUMABLES</b>   |   |
| 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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**Canon Inc.**  
www.canon.com

**Canon Europa N.V.**  
www.canon-europe.com

English-UK Edition 0069W068  
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**Canon (UK) Ltd**  
Woodhatch, Reigate  
Surrey RH2 8BF  
Telephone No: 08000 353535  
Facsimile No: 01737 220022  
www.canon.co.uk

  
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