LARGE SCALE VISIONARY

The 5-Color Series Large Format Printers

Business can be simple
### General Office & CAD

**ImagePROGRAF**

#### iPF510
- **Size:** 17”
- **Paper:** A2
  - Plain paper / Cassette
- **Mode:** Draft
  - (300 dpi)
  - Approx. 15 seconds
  - (600 dpi)
  - Approx. 21 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
- **Specifications**
  - Dye pigment reactive ink
  - Max Resolution: 2400x1200 dpi
  - Memory: 192 MB
  - Standard Interface: Network/USB 2.0
  - Optional Interface: IEEE1394

#### iPF605
- **Size:** 24”
- **Paper:** A1
  - Plain / Roll paper
- **Mode:** Draft
  - (300 dpi)
  - Approx. 31 seconds
  - (600 dpi)
  - Approx. 33 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
- **Specifications**
  - Dye pigment reactive ink
  - Max Resolution: 2400x1200 dpi
  - Memory: 256 MB
  - Standard Interface: Network/USB 2.0
  - Optional Interface: IEEE 1394

#### iPF750
- **Size:** 36”
- **Paper:** A0
  - Plain / Roll paper
- **Mode:** Draft
  - (300 dpi)
  - Approx. 46 seconds
  - (600 dpi)
  - Approx. 48 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
- **Specifications**
  - Dye pigment reactive ink (New Magenta)
  - Max Resolution: 2400x1200 dpi
  - Memory: 256 MB
  - Standard Interface: Network/USB 2.0
  - Optional Interface: IEEE 1394

### Quality CAD & GIS

**ImagePROGRAF**

#### iPF650
- **Size:** 24”
- **Paper:** A1
  - Plain paper
- **Mode:** Draft
  - (300 dpi)
  - Approx. 28 seconds
  - (600 dpi)
  - Approx. 30 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
  - Gigabit Ethernet support
- **Specifications**
  - Dye pigment reactive ink (New Magenta)
  - Max Resolution: 2400x1200 dpi
  - Memory: 256 MB
  - Standard Interface: Network/USB 2.0
  - Optional Interface: IEEE 1394

#### iPF765
- **Size:** 36”
- **Paper:** A0
  - Plain / Roll paper
- **Mode:** Draft
  - (300 dpi)
  - Approx. 48 seconds
  - (600 dpi)
  - Approx. 45 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
  - Gigabit Ethernet support
- **Specifications**
  - Dye pigment reactive ink (New Magenta)
  - Max Resolution: 2400x1200 dpi
  - Memory: 256 MB
  - Standard Interface: Network/USB 2.0
  - Optional Interface: IEEE 1394

#### iPF815
- **Size:** 44”
- **Paper:** A0
  - Plain / Roll paper
- **Mode:** Draft
  - (300 dpi)
  - Approx. 53 seconds
  - (600 dpi)
  - Approx. 45 seconds
- **Ease of Use**
  - 130ml Ink Tank
  - Roll
  - HP-GL/2, HP RTL support
  - Gigabit Ethernet support
- **Specifications**
  - Dye pigment reactive ink (New Magenta)
  - Max Resolution: 2400x1200 dpi
  - Memory: 256 MB
  - Standard Interface: Network/USB 2.0
Large-Format Inkjet Printers

The technology found in Canon inkjet printers is changing the large-format printing world. FINE print head technology has led to the development of wide print heads that provide high definition, high speed printing on large-scale media. Large-format inkjet printing offers a wide range of applications, including artwork to adorn technology has led to the development of wide print heads that provide high definition, high speed printing on large-format media.

Overview of Large-Format Inkjet Printers

Using the same principle as a conventional inkjet printer, a heater causes bubbles to form in the ink, ejecting microscopic ink droplets to print on large-format media.

L-COA

An image processor that processes large volumes of image data and creates print data (located on the printed circuit board)

High-Capacity Ink Tanks

Between 5 and 12 individual color ink tanks supply ink to the print head via tubes.

Sub Ink Tanks

Buffer ink tanks located inside the printer itself for storing a certain amount of ink. This enables the replacement of ink tanks without headling to stop printing.

Print Head

The one-inch-wide (2.54 cm) head can print six colors. There are 1,280 nozzles per inch (one row) and two rows for each color.

Carriage

Transport the print heads horizontally. Incorporates a sensor to read print results and a cutter in addition to the print heads.

High-Capacity HDD

Temporarily stores print data from a computer. In addition to reducing the time required from issuing print instructions to the completion of output, it enables the printing of the necessary number of copies without using a computer.

Multiple Sensors

Adjust the head position, detect paper width, and automatically calibrate colors.

Nozzle Calibration System

When a nozzle in the print head becomes clogged, it will be checked by a sensor and automatic cleaning will start. It is equipped with a function where another nozzle can cover for the clogged nozzle if it is not fixed by cleaning. This not only reduces misprints, but improves the durability of the print head. This makes it possible to maintain the high resolution.

Easy Use with Functions and Style that Support Efficiency

Maintains high resolution and reduces misprints.

Roll Paper Remaining Management Function

A counter in the printer calculates the amount of paper used from the roll and detects the amount of paper remaining. It can provide a warning if the remaining paper is insufficient for the output data to prevent running out of paper in the middle of a job. Also, it can print a paper information bar code, the value of the paper remaining on the roll and the type of paper on the end of the roll when you change out a roll paper.

Remaining ink volume detection will continue even if the printer is turned off. The remaining ink volume is saved on a smart chip on the ink tanks.

Color Ink

Dye

Matte Black Ink

LCOA

High-Density Print Head Technology

A "FINE" high density print head technology born out of advanced semiconductor manufacturing technology. Achieve a maximum 2400 x 1200dpi high resolution by being able to express ink droplets that are a miniscule 4 pl (billionths of a litre). You get a letter quality output with no graininess.

Easy to use with functions and style that support efficiency

Easy to use with functions and style that support efficiency

5 Color Dye and Pigment Inks for High-Definition CAD Printing

Combining clear letters and lines and vivid colors

Advanced Technology Enables Faster Output

With the intelligence to rapidly handle large volumes of image data

The "L-COA" Image Processor

The printer takes advantage of equipped “L-COA” image processor to provide high-speed and high-precision image processing and printer control. Both high resolution and speed printing is possible, thanks to the advanced accuracy of the image processor and the high density print head technology “FINE”.

ImagePrograf Technology

Technology that reveals true beauty

High quality from maximum 2400 x 1200dpi high resolution

"FINE" High Density Print Head Technology

A "FINE" high density print head technology born out of advanced semiconductor manufacturing technology. Achieve a maximum 2400 x 1200dpi high resolution by being able to express ink droplets that are a miniscule 4 pl (billionths of a litre). You get a letter quality output with no graininess.

Printing architectural drawings and design plans requires accurate printing of fine lines. Canon-developed reactive ink technology exploits the reaction between CMYK dye inks and pigment-based matte black ink to prevent blurring along the edges of text characters and lines.

Reactive Ink Technology

Combining clear letters and lines and vivid colors

Easy to use with functions and style that support efficiency

Easy to use with functions and style that support efficiency

5 Color Dye and Pigment Inks for High-Definition CAD printing

Maintaining the high resolution and reducing misprints

Roll Paper Remaining Management Function

A counter in the printer calculates the amount of paper used from the roll and detects the amount of paper remaining. It can provide a warning if the remaining paper is insufficient for the output data to prevent running out of paper in the middle of a job. Also, it can print a paper information bar code, the value of the paper remaining on the roll and the type of paper on the end of the roll when you change out a roll paper.

Roll Paper Remaining Function to monitor the remaining ink levels

There is a display that shows the amount of ink remaining and there is a warning when the ink gets low. Also, the amount of ink remaining is saved on a smart chip on the ink tanks. This remaining ink volume detection will continue even if the partially used ink tank is removed and reset. In addition, there is an LED that provides warning of an equipment error or that the ink is out which increases the convenience.
FLEXIBLE HIGH-PERFORMANCE FOR LARGE VOLUME PRINTING

- **Fully Front-Accessible Operations**
- **High-Load Volume Loading**
- **Paper Loading and Jam Clearing**
- **Paper Loading Easy Slide-in System**
- **Roll Paper Loading**

NEW MEDIA BASKET

- The new media basket enhances stacking capacity for A1 (landscape), A2 size printing and enables flattened stacking.

INK TANK REPLACEMENT WITHOUT STOPPING PRINTING

- Permanently installed ink tanks enable high productivity users to replace ink tanks without having to stop printing. Even when ink runs out unexpectedly, users can continue printing using the subranks.

Accounting Functions

- The Status Monitor includes accounting functions to collect job log information and calculate printing costs. This collects job logs to identify who printed what document from what job log information and calculate printing costs. This collects job logs to identify who printed what document from what job log information and calculate printing costs.

ECONOMY PRINTING MODE

- Includes an economy printing mode using approximately half the ink used for Draft mode, useful for checking layouts, etc.

ENHANCED HP-GL/2 SUPPORT

- New optimized HP-GL/2 data processing algorithm and updated method of memory space allocation. Now it is also possible to print with the HP-GL/2 color palette.

POWERFUL SUPPORT FOR CAD OUTPUT

- ImagePROGRAF includes Windows and other dedicated drivers supporting industry-standard CAD APPLICATION SOFTWARE.

IMPROVED CAD PRINT QUALITY

- Increased line and text visibility and cleaner color separation of HP-GL/2 color palette.

COLOR EMULATION

- Emulation function approximates the colors produced by the printers previously used. Color lookup tables (LUTs) will be provided for the following printers for which color emulation is intended when printing on plain paper, CAD tracing paper, coated paper, and CAD translucent matte film.

NESTING/AUTO ROTATION

- Nesting and auto rotation reduces paper waste. Thus, making effective use of roll space.
imagePROGRAF MFP Solution (M25/M40) provides the perfect answer for a straightforward and organized workflow for all your scanning, copying, archiving and distributing of large format documents in great detail and quick speeds.

**New Features & Functions**

- Complete Scan-to-Copy/File/Email/Print and Cloud Solution
- Direct print & share software enables uploading and downloading of print files (PDF, JPEG, TIFF) through the use of Cloud Solution
- Combination of SingleSensor technology with CIS scanning for incredible line definition and accuracy
- Superb scanning speed of 12 seconds (A1, color) with 2-way paper path suits various media thickness up to 2.0mm
- High 1200 dpi optical resolution for scanning detailed drawings and enlarging documents
- Max. Document Width (inches) 25" (63.5 cm) / 40" (101.6 cm)
- Scan Width (inches) 27" (68.6 cm)
- Max. Document Thickness (inches) 2.0mm
- Max. Resolution 1200 dpi
- Optical Resolution (dpi) 2400 x 1200 dpi
- Interface USB 3.0 (backward compatible to USB2)
- Control Panel Large, easy-to-use 17" touch screen interface with dynamic preview, custom presets & image adjustment on preview window
- Precise, fine and detail lines with 2400 x 1200 dpi printing with 4pl ink droplets
- Up to 250GB Hard Disk Drive ensure easy handling of print jobs
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**PosterArtist**

PosterArtist provides powerful design support and advance editing functions, where it meets the diverse needs of poster creation with its auto design functions, design assist functions and quick exchange functions.

**New Features & Functions**

- Customise your solution and choose from 7 configurations on the 24" to 44" models — iPF605, iPF650, iPF750, iPF760, iPF765, iPF815, and iPF825
- Large, easy-to-use 17" touch screen interface with dynamic preview, custom presets & image adjustment on preview window
- Precise, fine and detail lines with 2400 x 1200 dpi printing with 4pl ink droplets

**Improved Auto Design**

The choice of automatically generated design candidates can now be selected from the following four types:

1. Photos/Illustration Focus
2. Keyword Focus
3. Sentence Focus
4. Long/Horizontal Banners

**Design Assist**

It is now possible to specify any area on the poster being edited and apply auto design to that area only.

Objects within the specified area are rearranged and displayed as a number of design candidates.

**Quick Exchange**

It is now possible to switch the positions of objects easily, simply by dragging with the mouse.

The objects selected are switched and then the layout is revised to reflect the switch.

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**IMPROVED AUTO DESIGN**

The choice of automatically generated design candidates can now be selected from the following four types:

1. Photos/Illustration Focus
2. Keyword Focus
3. Sentence Focus
4. Long/Horizontal Banners

**Sample: Keyword Focus**

Enable the production of text-emphasized posters at large retailers or for events, festival announcements etc.

Effective for use in scenarios such as store sales, events, and festivals.

**SPECIFICATIONS**

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<tbody>
<tr>
<td>M25</td>
<td>25&quot; (63.5 cm)</td>
<td>27&quot; (68.6 cm)</td>
<td>2.0mm</td>
<td>1200 dpi</td>
<td>2400 x 1200 dpi</td>
<td>Large, easy-to-use 17&quot; touch screen</td>
<td>3.0 (backward compatible to USB2)</td>
<td>Windows 7 only (32/64 bit)</td>
<td>1) SCANNING</td>
<td>1677 x 1074 x 800mm</td>
<td>100 - 240 V, 56/60Hz</td>
<td>53 W</td>
<td>CB, CE, FCC, VCCI, UL, RoHS, CCC, ENERGY STAR® qualified</td>
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</tr>
<tr>
<td>M40</td>
<td>40&quot; (101.6 cm)</td>
<td>42&quot; (106.7 cm)</td>
<td>2.0mm</td>
<td>1200 dpi</td>
<td>2400 x 1200 dpi</td>
<td>Large, easy-to-use 17&quot; touch screen</td>
<td>3.0 (backward compatible to USB2)</td>
<td>Windows 7 only (32/64 bit)</td>
<td>1) SCANNING</td>
<td>1677 x 1361 x 800mm</td>
<td>100 - 240 V, 56/60Hz</td>
<td>5 W</td>
<td>CB, CE, FCC, VCCI, UL, RoHS, CCC, ENERGY STAR® qualified</td>
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</table>
GENERAL OFFICE & CAD

SPECIFICATIONS

Operational Environment


- Dimensions: 819mm (W) x 733mm (D) x 317mm (H)
- Weight: Approx. 39kg
- Paper: 80g/m²
- Maximum Print Resolution: 2400 x 1200 dpi
- Print Quality: Draft (300dpi)
- Draft (600dpi)
- Standard (600dpi)

- Maximum Print Resolution: 2400 x 1200 dpi
- Print Quality: Draft (300dpi)
- Draft (600dpi)
- Standard (600dpi)

- Maximum Print Resolution: 2400 x 1200 dpi
- Print Quality: Draft (300dpi)
- Draft (600dpi)
- Standard (600dpi)

- Maximum Print Resolution: 2400 x 1200 dpi
- Print Quality: Draft (300dpi)
- Draft (600dpi)
- Standard (600dpi)

- Maximum Print Resolution: 2400 x 1200 dpi
- Print Quality: Draft (300dpi)
- Draft (600dpi)
- Standard (600dpi)
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