

imagePROGRAF FULL-LINE BROCHURE

Whatever Your Needs, Canon Has The Large-Format Solution.

FINE ART • PHOTOGRAPHY • PROOFING



PRODUCTION SIGNAGE • INFOGRAPHICS • POSTERS



TECHNICAL DOCUMENTS • GENERAL USE •
SIGNAGE • SCANNING SOLUTIONS



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A FAMILY OF SOLUTIONS

imagePROGRAF Large-Format Printing Solutions.

Canon Innovation in Everything It Does.

As a worldwide innovation leader for over 70 years, Canon has a legacy of cultivating breakthrough technologies. Its expertise in the areas of science, engineering, and manufacturing has produced world-leading imaging solutions and consistent placement among the top U.S. patent holders of the decade.

This corporate culture of technological innovation drives the company to produce an ever-expanding range of large-format printing solutions, each one carefully crafted to address specific customer needs in each market segment served. As a result, the imagePROGRAF family has grown into a broad array of solutions that offer Canon's customers more features, functions, and options than ever before.

Today, the line of imagePROGRAF large-format printers is at the forefront of the industry. Specialized customer solutions and applications range from fine art and photography to production printing, and technical documents to general purpose poster-making.

Inside every imagePROGRAF large-format printing system are proprietary Canon technologies configured to meet the unique needs of its customers, with each seamlessly integrated to enhance performance and optimize results.

Some of the leading Canon technologies behind the success and popularity of imagePROGRAF large-format printers include:

- Canon's high-speed, super-efficient L-COA processor
- Large, ultra-high-density print heads manufactured with Canon's proprietary FINE (Full-photolithography Ink-jet Nozzle Engineering) technology
- A calibration function for photography, fine art, and production printers
- Durable, vibrant pigment inks for fine art, production, and poster printing
- A Reactive Ink technology that improves image clarity and durability for the 5-color printers
- Easy-to-use software and workflow solutions designed to address unique large-format printing requirements and expand customers' capabilities

Read on for information about the complete line-up of Canon imagePROGRAF large-format printing systems.

COLOR MANAGEMENT AND CONTROL

COLOR ACCURACY

Color Accuracy refers to a device's ability to not only reproduce colors the same way every time, but also ensure that the color's output is, in fact, the color that's required in the image. The imagePROGRAF 11- and 12-color printers include an upgraded, built-in multi-sensor designed to offer even more precise calibration and color matching. Automatic color calibration is finished quickly after a few simple steps on the printer's operation panel. A single color calibration performed with one type of media can be applied to media in all printing modes.

COLOR CONSISTENCY

Color Consistency is a device's ability to produce and reproduce colors without a shift or change in tone, hue, or density. An image printed on a device that's producing colors consistently will always look the same any time that image is printed on that device, on the same media, and in the same mode. Canon includes the multi-sensor to help ensure color accuracy and consistency for a single printer when more than one is being used in a printing environment.

COLOR CALIBRATION MANAGEMENT CONSOLE

The **Color Calibration Management Console (CCMC)** allows for centralized management of networked printers in a system from one, easy-to-use software tool. This unique feature enables color calibration targets that can be linked across the entire line of 11-/12-/8-color imagePROGRAF devices, respectively. A printer's administrator can monitor and manage each printer from a remote location. Linking color calibration targets among multiple printers allows color calibration for custom media to be performed on printers not equipped with an SU-21 spectrophotometer unit.



PRO-6000S Printer



PRO-2000 Printer

PHOTOGRAPHY AND FINE ART PRINTERS

Built for professionals who appreciate the difference between ordinary and extraordinary print quality, these imagePROGRAF large-format printers deliver a unique combination of ultra-high-quality imaging, maximum productivity, and a pigment ink set capable of producing an extraordinary range of vibrant colors, subtle hues, and deep shadows.

PHOTOGRAPHERS AND STUDIOS

- Stunning print quality, especially for multicopy projects where consistency is essential
- Photo enlargements that retain image sharpness, color, and clarity
- Commercial/corporate photography for display

GICLÉE AND FINE ART REPRODUCTION

- Precise replication of paintings and other fine art originals
- Reproductions that require exceptional color accuracy and image resolution

MUSEUM-QUALITY DISPLAYS

- Ultra-high-quality output with durable pigment inks means prints will look great for a long time
- Produce lobby art, atrium banners, exhibit graphics, indoor murals, and more

PROFESSIONAL PRINT MAKERS

- Proofing, including layout proofs, imposition press proofs, and contract proofs
- High-end color prints for presentation comps of packaging and collateral materials
- Specialty applications requiring high-quality image reproduction

Canon Innovations Inside

ARCHIVAL LUCIA PRO, LUCIA EX AND LUCIA INKS

Canon's specially formulated LUCIA PRO, LUCIA EX, and LUCIA pigment inks have outstanding archival characteristics. By coating each pigment particle with a special polymer compound, Canon has increased the ink's resistance to fading and scratching. These specially formulated inks also improve image quality by reducing graininess and bronzing—so prints look great from every angle.

ENGINEERED FOR EXCELLENCE

Superfine 4 pl ink droplets and print resolutions of up to 2400 x 1200 dpi produce the delicate color gradation and the high-definition expression required for fine art applications and by professional photographers.

SYSTEM CALIBRATION—SIMPLIFIED

Unlike the complex and time-consuming calibration normally required in professional settings, Canon offers a simplified process that enables easy recalibration back to the original, optimal factory settings across all the printers' media types.

11-COLOR

Photography and Fine Art

UNCOMPROMISED CREATIVE EXPRESSION



imagePROGRAF PRO-4000



imagePROGRAF PRO-2000



imagePROGRAF PRO-1000

| Output Width | 44" Wide | 24" Wide | 17" Wide |
|---|---|---|---|
| Number of Inks | 11 Plus Chroma Optimizer | 11 Plus Chroma Optimizer | 11 Plus Chroma Optimizer |
| Color Set | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Blue, Photo Black, Matte Black, Gray, Photo Gray, Chroma Optimizer | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Blue, Photo Black, Matte Black, Gray, Photo Gray, Chroma Optimizer | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Blue, Photo Black, Matte Black, Gray, Photo Gray, Chroma Optimizer |
| Ink Type | LUCIA PRO Pigment Inks | LUCIA PRO Pigment Inks | LUCIA PRO Pigment Inks |
| Ink Tank Size | 160/330/700 ml | 160/330/700 ml | 80 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 18,432 | 18,432 | 18,432 |
| Ink Droplet | Minimum 4 pl | Minimum 4 pl | Minimum 4 pl |
| Print Speed Highest Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 54 (sq. ft./hr.) [▲] | 48 (sq. ft./hr.) [▲] | Approx. 9 min. 25 sec. (17" x 22") |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ imagePROGRAF Printer Driver ✓ Print Studio Pro ✓ Print Plug-in for Microsoft® Office ✓ Quick Utility Toolbox ✓ Device Management Console ✓ Media Configuration Tool ✓ Accounting Manager ✓ PosterArtist Lite ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ imagePROGRAF Printer Driver ✓ Print Studio Pro ✓ Print Plug-in for Microsoft® Office ✓ Quick Utility Toolbox ✓ Device Management Console ✓ Media Configuration Tool ✓ Accounting Manager ✓ PosterArtist Lite ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ imagePROGRAF Printer Driver ✓ Print Studio Pro ✓ Print Plug-in for Digital Photo Professional ✓ Remote User Interface ✓ Media Configuration Tool ✓ AirPrint ✓ PIXMA Cloud Link ✓ Accounting Manager ✓ Canon PRINT app ✓ Pro Gallery Print ✓ Wireless PictBridge |
| Special Features | Built-in Printer Calibration Optional Multifunction Roll System Borderless Printing | Built-in Printer Calibration Optional Multifunction Roll System Borderless Printing | <ul style="list-style-type: none"> • Built-in Printer Calibration • Air Feeding System |
| Printer Memory | 3 GB | 3 GB | 1 GB |
| Hard Drive | 320 GB | 320 GB | N/A |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX ✓ Wireless LAN (IEEE 802.11 b/g/n) ✓ Hi-Speed USB | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX ✓ Wireless LAN (IEEE 802.11 b/g/n) ✓ Hi-Speed USB | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/Base-T/TX ✓ PictBridge (Wireless LAN) ✓ Wireless LAN (IEEE 802.11b/g/n) |
| Operating System | Windows, ^{®†} Macintosh ^{®†} | Windows, [†] Macintosh [†] | Windows, [†] Macintosh, [†] iOS, Android |

✓ = Included

○ = Optional

** Includes Multifunction Roll System

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit usa.canon.com/download for availability.

12-COLOR

Photography and Fine Art

UNCOMPROMISED CREATIVE EXPRESSION



imagePROGRAF iPF9400



imagePROGRAF
iPF6450**/iPF6400



imagePROGRAF iPF5100

| Output Width | 60" Wide | 24" Wide | 17" Wide |
|---|--|---|--|
| Number of Inks | 12 | 12 | 12 |
| Color Set | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray |
| Ink Type | LUCIA EX Pigment Inks | LUCIA EX Pigment Inks | LUCIA Pigment Inks |
| Ink Tank Size | 330 ml or 700 ml | 130*/300 ml | 130 ml* |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 30,720 | 30,720 | 30,720 |
| Ink Droplet | Consistent 4 pl | Consistent 4 pl | Consistent 4 pl |
| Print Speed Highest Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 82 (sq. ft./hr.) [▲] | 55 (sq. ft./hr.) [▲] | 39 (sq. ft./hr.) [▲] |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Adobe® Photoshop® ✓ Print Plug-in for Digital Photo Professional ✓ Print Plug-in for Microsoft Office ✓ Gallery Wrap Feature ✓ Color Calibration Management Console ✓ Adjustment Pattern Setting ✓ Remote User Interface ✓ Media Configuration Tool ✓ Accounting Manager (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Adobe® Photoshop® ✓ Print Plug-in for Digital Photo Professional ✓ Print Plug-in for Microsoft Office ✓ Gallery Wrap Feature ✓ Accounting Manager (PC only) ✓ Color Calibration Management Console ✓ Adjustment Pattern Setting ✓ Remote User Interface ✓ Media Configuration Tool ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Adobe® Photoshop® ✓ Print Plug-in for Digital Photo Professional ✓ Print Plug-in for Microsoft Office ✓ Digital Photo Front-Access ✓ Remote User Interface ✓ Media Configuration Tool ✓ PosterArtist (PC only) ✓ Third-Party RIPs |
| Special Features | Built-in Printer Calibration Up to 60" Borderless Printing Sub-Ink Tank System | Built-in Printer Calibration SU-21 Spectrophotometer (Option for the iPF6450 only) Color Measurement Width: 480 mm Max. Media Thickness: 0.8 mm XRGa Compliant ISO 13655 Compliant User Switchable UV Filter | Built-in Printer Calibration Ambient Light Adjustment Borderless Printing |
| Printer Memory | 640 MB | 384 MB | 192 MB |
| Hard Drive | 250 GB | 250 GB (iPF6450 only) | N/A |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100Base-T/TX ✓ IEEE1394 (Firewire) |
| Operating System | Windows, [†] Macintosh [†] | Windows, [†] Macintosh [†] | Windows, [†] Macintosh [†] |

✓ = Included

● = Optional

** Model shown.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit usa.canon.com/download for availability.

8-COLOR: GRAPHIC ARTS PRODUCTION PRINTERS

The imagePROGRAF S-Series production printing systems with Canon's LUCIA PRO and LUCIA EX inks, are Canon's fastest Graphic Arts large-format printers. Available in three sizes—the 24" iPF6400S, 44" PRO-4000S, and the 60" PRO-6000S—these production-grade print engines are up to 40% faster than any other Canon imagePROGRAF Graphic Arts printer, making them ideal for professionals who need to increase the capacity, productivity, and versatility of their large-format printing services.

COMMERCIAL PRINT SERVICE PROVIDERS

- Produce point-of-sale displays, GIS maps, back-lit displays, and special events graphics
- Take on bigger jobs. High-speed output means producing more in less time
- Get a competitive advantage—the Economy Color Mode reduces ink costs
- These are also ideal for imposition proofing

RETAIL QUICK PRINT CENTERS

- No need to make your customers wait—print a large 10 sq. ft poster in under a minute*
- Borderless printing reduces trimming requirements
- Expand your service options with this versatile system that prints on a wide variety of media

IN-PLANT PRODUCTION CENTERS

- Fast throughput from click to print means you can meet tight deadlines
- Network-ready, built-in hard drive, and a Remote User Interface with password-protected Mail Boxes mean your internal customers can submit jobs more easily

Canon Innovations Inside

MAXIMUM PRODUCTIVITY

With high-speed throughput up to 892 sq. ft./hr.,** built-in hard drive, borderless printing, and other features that maximize productivity, these printers increase overall production capacity and reduce job turnaround time.

COLOR MANAGEMENT AND CONTROL

The S-Series printers give Canon a 24"-60" printer lineup using LUCIA PRO and LUCIA EX ink, an enhanced multi-sensor, and a Color Calibration Management Console application, allowing you to reach a whole new level of color management and uniformity.

LOW-COST OPERATION

The Economy Color Mode, low maintenance costs, and reduced power consumption requirements together help reduce the total cost of operation so print professionals can be more competitive in the marketplace.

RELIABLE, WORRY-FREE INK SYSTEMS

The large ink tanks available for these printers supply a sub-tank system so inks can be replenished on the fly without stopping printing for longer uninterrupted print runs. All models include an ink-level detection system that helps ensure that ink is always available, and a Sub-Ink Tank System to allow for continuous printing without job interruption.

* PRO-4000S: 1200 x 1200 dpi on plain paper, Custom5 mode

** PRO-6000S: 1200 x 1200 dpi on plain paper, Custom5 mode

8-COLOR

Graphic Arts
Production Printers

FOR PROFESSIONALS WHO NEED THE SPEED



imagePROGRAF PRO-6000S



imagePROGRAF PRO-4000S



imagePROGRAF iPF6400S

| Output Width | 60" Wide | 44" Wide | 24" Wide |
|---|--|---|---|
| Number of Inks | 8 | 8 | 8 |
| Color Set | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Photo Black, Matte Black, Gray | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Photo Black, Matte Black, Gray | Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Black, Matte Black, Gray |
| Ink Type | LUCIA PRO Pigment Inks | LUCIA PRO Pigment Inks | LUCIA EX Pigment Inks |
| Ink Tank Size*** | 160/330/700 ml | 160/330/700 ml | 130/300 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 18,432 | 18,432 | 30,720 |
| Ink Droplet | Minimum 4 pl | Minimum 4 pl | Consistent 4 pl |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 892 (sq. ft./hr.)* | 714 (sq. ft./hr.)* | 293 (sq. ft./hr.)* |
| Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 257 (sq. ft./hr.)* | 205 (sq. ft./hr.)* | 68 (sq. ft./hr.)* |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ imagePROGRAF Printer Driver ✓ Print Studio Pro ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Device Management Console ✓ Media Configuration Tool ✓ Accounting Manager ✓ Quick Utility Toolbox ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ imagePROGRAF Printer Driver ✓ Print Studio Pro ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Device Management Console ✓ Media Configuration Tool ✓ Accounting Manager ✓ Quick Utility Toolbox ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Adobe® Photoshop® ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Color Calibration Management Console ✓ Media Configuration Tool ✓ Accounting Manager (PC only) ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs |
| Special Features | Multifunction Roll System Built-in Printer Calibration Economy Color Mode Sub-Ink Tank System Up to 60" Borderless Printing | Optional Multifunction Roll System Built-in Printer Calibration Economy Color Mode Sub-Ink Tank System Borderless Printing | Optional SU-21 Spectrophotometer Built-in Printer Calibration Sub-Ink Tank System Borderless Printing |
| Printer Memory | 3 GB | 3 GB | 250 MB |
| Hard Drive | 320 GB | 320 GB | 250 GB |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX ✓ Wireless LAN (IEEE 802.11 b/g/n) ✓ High-Speed USB | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX ✓ Wireless LAN (IEEE 802.11 b/g/n) ✓ High-Speed USB | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX |
| Operating System | Windows,† Macintosh† | Windows,† Macintosh† | Windows,† Macintosh† |

✓ = Included

○ = Optional

** MSRP includes Multifunction Roll System.

*** The starter ink tanks initially packaged with the printer may not be the same capacity as the replacement in tanks specified here.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit usa.canon.com/download for availability.

6-COLOR: INFOGRAPHICS AND POSTER PRINTERS

These 6-color printers are specifically configured for customers who want simple, affordable printing of posters with vivid, eye-catching colors in the red, orange, and yellow spectrum. Because these customers value low cost, simplicity, and durability over sophistication and color fidelity, Canon focused its development of the iPF SE models on the essentials and optimized the systems for poster printing while keeping costs low. Easy, affordable printing of posters, signs, infographics, presentations, and more.

SMALL TO MEDIUM RETAIL STORES

- Retailers of all kinds need to promote their business and attract customers
- Window signs and in-store displays are an effective means of advertising merchandise and special offers

LOCAL RESTAURANTS

- Menu boards and signs are used by restaurants to promote sales and inform customers of the available choices
- To help keep customers coming back, many restaurants offer specials that change daily

BUSINESS SERVICES

- Businesses that offer professional services and/or trade services also need to promote themselves and attract customers
- The compact footprint and user-friendly operation of Canon's iPF8400SE and iPF6400SE printers mean that these businesses will find it easier to install and use

SCHOOLS

- Many schools use posters as a fun and friendly way of keeping students and parents informed. Whether to commemorate a holiday, recognize accomplishments, promote events, enhance a lesson, or sell tickets to a fundraiser, schools need and want an easy, low-cost solution for poster printing

Canon Innovations Inside

SIX (6) LUCIA EX INKS

The newly developed LUCIA EX 6-color pigment ink system—Cyan, Magenta, Yellow, Black, Matte Black, and Red—achieves the vibrant color reproduction required for output of point-of-purchase materials and posters while ensuring high-quality color printing.

This advanced ink formulation delivers vivid, eye-catching colors with superior stability and scratch-resistance. The included Red ink assists in the vibrant printing of red and orange hues, a common occurrence in many point-of-purchase displays and retail posters. This helps provide a huge advantage for creating persuasive, eye-catching posters and displays.

OPTIMIZED FOR PRODUCING POSTERS

The iPF8400SE and iPF6400SE printers come bundled with a variety of poster-making solutions that allow users to quickly and easily produce a wide range of posters for various applications.

POSTERARTIST LITE: INCLUDED!

This easy-to-use, template-based software* for creating posters is included. For users with more advanced poster-making requirements, the full PosterArtist software package is also available. For more information, please visit www.usa.canon.com/posterartist.

* For PCs Only

UNCOMPROMISED CREATIVE EXPRESSION

6-COLOR Pigment Printers



imagePROGRAF iPF8400SE



imagePROGRAF iPF6400SE

| | | |
|---|--|--|
| Output Width | 44" Wide | 24" Wide |
| Number of Inks | 6 | 6 |
| Color Set | Cyan, Yellow, Magenta, Black, Matte Black, Red | Cyan, Yellow, Magenta, Black, Matte Black, Red |
| Ink Type | LUCIA EX Pigment Inks | LUCIA EX Pigment Inks |
| Ink Tank Size | 330/700 ml | 130/300 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 15,360 | 15,360 |
| Ink Droplet | Consistent 4 pl | Consistent 4 pl |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 705 (sq. ft./hr.)* | 562 (sq. ft./hr.)* |
| Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 62 (sq. ft./hr.)* | 48 (sq. ft./hr.)* |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Accounting Manager (PC only) ✓ Remote User Interface ✓ Media Configuration Tool ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Accounting Manager (PC only) ✓ Remote User Interface ✓ Media Configuration Tool ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs |
| Special Features | Red Ink Small Footprint Sub-Ink Tank System Borderless Printing | Red Ink Small Footprint Sub-Ink Tank System Borderless Printing |
| Printer Memory | 384 MB | 256 MB |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100Base-T/TX |
| Operating System | Windows,† Macintosh† | Windows,† Macintosh† |

✓ = Included
○ = Optional

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit usa.canon.com/download for availability.

5-COLOR: REACTIVE INK PRINTERS FOR TECHNICAL DOCUMENTS AND GENERAL USE APPLICATIONS

Designed for both technical document printing as well as general purpose output applications, these highly versatile systems go from printing oversized office documents to intricate technical drawings to posters and back...effortlessly.

Canon's 5-color Reactive Ink printing systems are ideal for businesses, schools, architects, engineers, or anyone who wants to print spectacular, full-color presentations, signs, posters, CAD drawings, GIS maps, and other types of large-format output.

COMPUTER-AIDED DESIGN (CAD)

- Produce intricate drawings with accurate lines as thin as just 0.02 mm thick*
- Printing support for AutoCAD®, HP-GL/2, and HP RTL files

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Print detailed maps and graphs with small fonts that are easy to read on colored backgrounds
- High-resolution 2400 x 1200 dpi output means solid fills, smooth curves, and intricate details

BUSINESS

- Assemble spreadsheets, pictures, and graphics onto one page and print them together
- Make your own enlargements

EDUCATION

- Create classroom materials and learning aids
- Produce posters for special events, banners for pep rallies, and signs for fund-raisers

Canon Innovations Inside

FIVE-COLOR DYE/PIGMENT REACTIVE INK TECHNOLOGY

Canon's Reactive Ink technology utilizes four highly colorfast dye inks—Cyan, Magenta, Yellow, and Black—plus a pigment-based Matte Black. The inks are specially formulated to improve both durability and clarity of the image. The Matte Black ink is chemically engineered to react with the Cyan ink to prevent “bleeding” at the border between color and black output. This produces clearer text and sharper lines—especially when printing fine lines and small text fonts on colored backgrounds. The ink's chemistry also improves adhesion to the media so images are more durable than when printed with conventional inks.

LOW TOTAL COST OF OPERATION

Canon's imagePROGRAF printers are built for low-cost operation. The Economy Print Mode significantly reduces ink consumption while the long-life print heads deliver maximum reliability to help keep maintenance costs down.

* Theoretical data based on data resolution.

5-COLOR

Graphic Arts
Production Printers

FOR TECHNICAL DOCUMENTS AND GENERAL PRINTING APPLICATIONS



imagePROGRAF iPF850



imagePROGRAF iPF840



imagePROGRAF iPF830

| Output Width | 44" Wide | 44" Wide | 44" Wide |
|---|--|--|--|
| Number of Inks | 5 | 5 | 5 |
| Color Set | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black |
| Ink Type | Dye/Pigment Reactive Ink | Dye/Pigment Reactive Ink | Dye/Pigment Reactive Ink |
| Ink Tank Size | 330/700 ml | 330/700 ml | 330/700 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 15,360 | 15,360 | 15,360 |
| Ink Droplet | Consistent 4 pl | Consistent 4 pl | Consistent 4 pl |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 707 (sq. ft./hr.)* | 707 (sq. ft./hr.)* | 707 (sq. ft./hr.)* |
| Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 121 (sq. ft./hr.)* | 121 (sq. ft./hr.)* | 121 (sq. ft./hr.)* |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Direct Print & Share ✓ imagePROGRAF Print Utility* ✓ Optimization Module for AutoCAD (PC only) ✓ Status Monitor ✓ Media Configuration Tool ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Supports HP-GL/2, HP RTL Files ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Direct Print & Share ✓ imagePROGRAF Print Utility* ✓ Optimization Module for AutoCAD (PC only) ✓ Status Monitor ✓ Media Configuration Tool ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Supports HP-GL/2, HP RTL Files ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Direct Print & Share ✓ imagePROGRAF Print Utility* ✓ Optimization Module for AutoCAD (PC only) ✓ Status Monitor ✓ Media Configuration Tool ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Supports HP-GL/2, HP RTL Files ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs |
| Special Features | High-Capacity Stacker Dual-Media Rolls Accounting Manager (PC only) Economy Color Mode Sub-Ink Tank System Independent Rotary Cutter | Dual-Media Rolls Accounting Manager (PC only) Economy Color Mode Sub-Ink Tank System Independent Rotary Cutter | Accounting Manager (PC only) Economy Color Mode Sub-Ink Tank System Independent Rotary Cutter |
| Printer Memory | 32 GB Dedicated File Processing Memory | 32 GB Dedicated File Processing Memory | 32 GB Dedicated File Processing Memory |
| Hard Drive | 320 GB | 320 GB | 320 GB |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX |
| Operating System | Windows,† Macintosh† | Windows,† Macintosh† | Windows,*† Macintosh* |

✓ = Included

○ = Optional

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

■ Available at the App Store*

† Please visit usa.canon.com/download for availability.

5-COLOR

Reactive Ink Printers

FOR TECHNICAL DOCUMENTS AND GENERAL PRINTING APPLICATIONS



imagePROGRAF iPF785/iPF780**



imagePROGRAF iPF770

| | | |
|---|--|--|
| Output Width | 36" Wide | 36" Wide |
| Number of Inks | 5 | 6 |
| Color Set | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black |
| Ink Type | Dye/Pigment Reactive Ink | Dye/Pigment Reactive Ink |
| Ink Tank Size* | 130/300 ml | 130 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 15,360 | 15,360 |
| Ink Droplet | Consistent 4 pl | Consistent 4 pl |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 788 (sq. ft./hr.)♦♦ | 788 (sq. ft./hr.)♦♦ |
| Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 81 (sq. ft./hr.)▲ | 81 (sq. ft./hr.)▲ |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Direct Print & Share ✓ imagePROGRAF Print Utility▲▲ (Available for download) ✓ Optimization Module for AutoCAD (PC only) ✓ Status Monitor ✓ Media Configuration Tool ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Supports HP-GL/2, HP RTL Files ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Direct Print & Share ✓ imagePROGRAF Print Utility▲▲ (Available for download) ✓ Optimization Module for AutoCAD (PC only) ✓ Status Monitor ✓ Media Configuration Tool ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Supports HP-GL/2, HP RTL Files ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs |
| Special Features | Flat Stacker/Basket 300 ml ink tank option Sub-Ink Tank System Top-loading Roll Feed | Accounting Manager (PC only) Sub-Ink Tank System Top-loading Roll Feed Gigabit Ethernet Support Intuitive Operation Panel |
| Printer Memory | 256 MB (32 GB iPF785 only) | 256 MB |
| Hard Drive | 320 GB (iPF785 only) | N/A |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX |
| Operating System | Windows,† Macintosh† | Windows,† Macintosh† |

✓ = Included

○ = Optional

** Model Shown

♦ The starter ink tanks initially packaged with the printer may not be the same capacity as the replacement ink tanks specified here.

♦ When printing in Fast Mode on plain paper.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

▲▲ Available at the App Store.®

† Please visit usa.canon.com/download for availability.

5-COLOR

Reactive Ink Printers

FOR TECHNICAL DOCUMENTS AND GENERAL PRINTING APPLICATIONS



imagePROGRAF
iPF685/iPF680**



imagePROGRAF iPF670



imagePROGRAF
iPF510/iPF610**

| | | | |
|---|---|---|--|
| Output Width | 24" Wide | 24" Wide | 17" Wide/24" Wide |
| Number of Inks | 5 | 6 | 6 |
| Color Set | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black | Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black |
| Ink Type | Dye/Pigment Reactive Ink | Dye/Pigment Reactive Ink | Dye/Pigment Reactive Ink |
| Ink Tank Size* | 130/300 ml | 130 ml | 130 ml |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Total Number of Nozzles | 15,360 | 15,360 | 15,360 |
| Ink Droplet | Consistent 4 pl | Consistent 4 pl | Consistent 4 pl |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 678 (sq. ft./hr.) ^{♦♦} | 678 (sq. ft./hr.) ^{♦♦} | iPF610: 609 (sq. ft./hr.) ^{♦♦} iPF510: 415 (sq. ft./hr.) ^{♦♦} |
| Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper) | 73 (sq. ft./hr.) [▲] | 73 (sq. ft./hr.) [▲] | iPF610: 72 (sq. ft./hr.) [▲] iPF510: 60 (sq. ft./hr.) [▲] |
| Software/Utilities/Applications | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Optimization Module for AutoCAD (PC only) ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Media Configuration Tool ✓ Supports HP-GL/2, HP RTL ✓ PosterArtist Lite (PC only) ✓ Direct Print & Share ✓ imagePROGRAF Print Utility (Available for download)^{♦♦} ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ Optimization Module for AutoCAD (PC only) ✓ Print Plug-in for Microsoft Office ✓ Remote User Interface ✓ Media Configuration Tool ✓ Supports HP-GL/2, HP RTL ✓ PosterArtist Lite (PC only) ✓ Direct Print & Share ✓ imagePROGRAF Print Utility (Available for download)^{♦♦} ○ PosterArtist (PC only) ○ Third-Party RIPs | <ul style="list-style-type: none"> ✓ Canon Printer Driver ✓ HDI Driver ✓ Print Plug-in for Microsoft Office ✓ Digital Photo Front-Access ✓ Remote User Interface ✓ Media Configuration Tool ✓ Supports HP-GL/2, HP RTL ✓ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs |
| Special Features | Accounting Manager (PC only) Sub-Ink Tank System Top-loading Roll Feed Flat Stacker/Basket | Accounting Manager (PC only) Sub-Ink Tank System Top-loading Roll Feed Gigabit Ethernet Support Intuitive Operation Panel | Free-Layout Function Borderless Printing Minimum Line Weight 0.02 mm Line Accuracy +/-0.1% Cassette Tray Optional Stand Available (iPF510 only) |
| Printer Memory | 256 MB (32 GB, iPF685 only) | 256 MB | 128 MB |
| Hard Drive | 320 GB (iPF685 only) | N/A | N/A |
| Connectivity | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100/1000Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100Base-T/TX | <ul style="list-style-type: none"> ✓ USB 2.0 ✓ 10/100Base-T/TX ○ IEEE1394 (Firewire) |
| Operating System | Windows, [†] Macintosh [†] | Windows, [†] Macintosh [†] | Windows, ^{†*} Macintosh ^{†*} |

✓ = Included ○ = Optional

** Model shown.

■ The starter ink tanks initially packaged with the printer may not be the same capacity as the replacement ink tanks specified here.

♦ When printing in Fast Mode on plain paper.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

♦♦ Available at the App Store[®]

† Please visit usa.canon.com/download for availability.

5-COLOR MFP L-SERIES: SCAN-TO-COPY/FILE SOLUTION FOR TECHNICAL DOCUMENTS AND GENERAL USE APPLICATIONS

Designed for low-volume and entry-level users, these multifunction printers offer easy-to-use, scan-to-copy/file solutions for architects, engineers, consulting firms, small offices, and K-12 schools that require a minimal learning curve when it comes to new equipment.

Canon's 5-color Reactive Ink printing systems are ideal for businesses, schools, architects, engineers, or anyone who wants to print spectacular, full-color presentations, signs, posters, CAD drawings, GIS maps, and other types of large-format output.

COMPUTER-AIDED DESIGN (CAD)

- Produce intricate drawings with accurate fine lines as thin as just .02 mm
- Offers printing support for AutoCAD, HP-GL/2, and HP RTL Files

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Print detailed maps and graphs with small fonts that are easy to read on colored backgrounds
- High-resolution, 2400 x 1200 dpi output means solid fills, smooth curves, and intricate details

BUSINESS

- Assemble spreadsheets, pictures, and graphics onto one page and print them together

EDUCATION

- Create classroom materials and learning aids
- Produce posters for special events, banners for pep rallies, and signs for fund-raisers

Canon Innovations Inside

L-SERIES SCANNER

- The 36-inch L36 scanner weighs approx. 16.2 lb and the 24-inch L24 scanner weighs approx. 12.2 lb.; both are lightweight and compact
- Easy-to-use control panel with easy-to-identify picture identification function
- SingleSensor Imaging Technology

SIMPLE OPERATION

- "Green Button" scan-to-copy functionality
- No PC required

EASY INSTALLATION

- Scanner is easily integrated with the printer
- Compact MFP takes up minimal office space

PRINTER

- 24" or 36" models available
- 5-color dye/pigment reactive ink set
- 130 ml ink tanks
- Economy Print Mode
- Sub-Ink Tank System

SCANNING SOLUTIONS

FOR TECHNICAL DOCUMENTS MFP LARGE-FORMAT IMAGING



iPF770 MFP L36



iPF670 MFP L24

| Scanner | | |
|---|---|---|
| Maximum Optical Resolution | 600 dpi | 600 dpi |
| Maximum Image/Media Width | 36" (91.44 cm)/38" (96.52 cm) | 24" (60.96 cm)/26" (66.04 cm) |
| Scan Speed | •24-bit Full Color @ 200 dpi: 1" (per second) •8-bit Grayscale and Monochrome @ 200 dpi: 3" (per second) | •24-bit Full Color @ 200 dpi: 1" (per second) •8-bit Grayscale and Monochrome @ 200 dpi: 3" (per second) |
| Scan Mode | 16.7-million Color RGB (24-bit) 256-level Grayscale (8-bit) | 16.7-million Color RGB (24-bit) 256-level Grayscale (8-bit) |
| Maximum Media Thickness | 0.020" (.5 mm) | 0.020" (.5 mm) |
| Accuracy | +/-0.20% | +/-0.20% |
| Software | | |
| L Scan | Scan-to-File | Scan-to-File |
| Direct Print & Share | Cloud Portal Solution | Cloud Portal Solution |
| imagePROGRAF Print Utility (Available for download)** | Mobile Printing App | Mobile Printing App |
| Printer Specifications | | |
| Maximum Media Width | 36" | 24" |
| Applications | Low-volume, Entry-level, CAD and Corporate Small Office Schools Technical Documents | Low-volume, Entry-level, CAD and Corporate Small Office Schools Technical Documents |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 788 (sq. ft./hr.)** | 678 (sq. ft./hr.)** |

** Available at the App Store®

• When printing in Fast Mode on plain paper.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

5-COLOR MFP M40 SERIES: SCAN-TO-PRINT/FILE/EDIT/SHARE, ALL-IN-ONE SOLUTION FOR TECHNICAL DOCUMENTS AND GENERAL USE APPLICATIONS

Designed for high-volume users, these robust, all-in-one multifunction printers offer complete, scan-to-copy/file/share solutions for AEC, GIS, and other technical industries.

Canon's 5-color Reactive Ink printing systems are ideal for businesses, schools, architects, engineers, or anyone who wants to print spectacular, full-color presentations, signs, posters, CAD drawings, GIS maps, and other types of large-format output. The system includes a select imagePROGRAF iPF large-format printer, MFP stand, all-in-one, HD Multi-Touch PC, and the SmartWorks MFP software.

COMPUTER-AIDED DESIGN (CAD)

- Produce intricate drawings with accurate fine lines as thin as just .02 mm
- Printing support for AutoCAD, HP-GL/2, and HP RTL Files

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Print detailed maps and graphs with small fonts that are easy to read on colored backgrounds
- High-resolution, 2400 x 1200 dpi output means solid fills, smooth curves, and intricate details

BUSINESS

- Assemble spreadsheets, pictures, and graphics onto one page and print them together

EDUCATION

- Create classroom materials and learning aids
- Produce posters for special events, banners for pep rallies, and signs for fund-raisers

Canon Innovations Inside

M40 SCANNER

The M40 scanner with Single-Sensor Assembly Technology brings the MFP solution to a whole new level. Users have the ability to scan documents at incredible speeds and with the included USB 3 connection, experience data transfer speeds of up to 10 times faster than on previous MFP models! The intuitive control panel embedded on the scanner helps make operation of the device incredibly easy, and its compact design helps space become a non-issue when using and storing the device.

- Optical resolution of 1200 dpi
- Scan speeds of 13 inches per second (monochrome) and 3 inches per second (color)
- Capability to accept media of different thicknesses (up to 2 mm)
- Ability to scan up to a 26-foot (8 m) document to PDF or JPEG and up to a 50-foot (15.2 m) document to a TIFF file

SMARTWORKS MFP SOFTWARE

The included SmartWorks MFP scan-to-print/file/edit/share software includes:

- A simple-to-use interface for easy navigation
- The ability to add custom presets with one-touch retrieval for those often-used settings
- Image enhancements for white point adjust, black point adjust, sharpen, mirror, invert, and auto crop
- Full integration with Canon's Direct Print & Share Cloud Portal Software
- Scan to three different compressed JPEG file types
- Helps correct scan fringing with the Fine Detail Scan
- Create up to 18 personal user accounts to help track job logs (SmartWorks MFP Plus—optional)
- Print Collated Sets (SmartWorks MFP Plus—optional)

SCANNING SOLUTIONS

FOR TECHNICAL DOCUMENTS MFP LARGE-FORMAT IMAGING



iPF850 MFP M40/iPF840 MFP M40/
iPF830 MFP M40**



iPF785 MFP M40/
iPF780 MFP M40**

| Scanner | | |
|--|--|--|
| Maximum Optical Resolution | 1200 dpi/9600 dpi | 1200 dpi/9600 dpi |
| Maximum Image/Media Width | 40" (101.6 cm)/42" (104.1 cm) | 40" (101.6 cm)/42" (104.1 cm) |
| Scan Speed | <ul style="list-style-type: none"> •48-bit Full Color @ 200 dpi: 3" (per second) •8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second) | <ul style="list-style-type: none"> •48-bit Full Color @ 200 dpi: 3" (per second) •8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second) |
| Scan Mode | <ul style="list-style-type: none"> •16.7-million Color RGB (48-bit) •256- and 16-color RGB Adaptive Indexed Color Palette •256-level Grayscale (8-bit) Black and White (1-bit) | <ul style="list-style-type: none"> •16.7-million Color RGB (48-bit) •256- and 16-color RGB Adaptive Indexed Color Palette •256-level Grayscale (8-bit) Black and White (1-bit) |
| Maximum Media Thickness | 0.079" (2 mm) | 0.079" (2 mm) |
| Accuracy | +/-0.1% +/-1 Pixel | +/-0.1% +/-1 Pixel |
| Software | | |
| SmartWorks MFP | Scan-to-Print/File/Edit/Share | Scan-to-Print/File/Edit/Share |
| SmartWorks MFP Plus (Optional) | Multipage PDF Scanning | Multipage PDF Scanning |
| Direct Print & Share | Cloud Portal Solution | Cloud Portal Solution |
| imagePROGRAF Print Utility (Available for download)*** | Mobile Printing App | Mobile Printing App |
| Special Features | | |
| | High-capacity Stacker (iPF850) Two Media Rolls (iPF850/iPF840) | • Flat Stacker |
| HD Multi-Touch PC | | |
| Operating System | Windows 8.1 Professional (64 bit) | Windows 8.1 Professional (64 bit) |
| Display | 19.5"-HD Multi-Touch Screen LCD | 19.5"-HD Multi-Touch Screen LCD |
| Printer Specifications | | |
| Maximum Media Width | 44" | 36" |
| Applications | Medium to Large Volume CAD and Corporate Medium to Large Work Groups | Small to Medium Office Technical Documents |
| Maximum Print Resolution | 2400 dpi x 1200 dpi | 2400 dpi x 1200 dpi |
| Maximum Print Speed (1200 x 1200 dpi on Plain Paper) | 707 (sq. ft./hr.)** | 788 (sq. ft./hr.)** |

** Model shown.

*** Available at the App Store®

• When printing in Fast Mode on plain paper.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

WORKFLOW AND CREATIVE SOLUTIONS

imagePROGRAF iPF printers include a variety of software designed to bring out all of the full potential in your printer.

| Software | Features | Printer Model Compatibility |
|---|---|--|
| Accounting Manager | Track job costs and ink/media usage. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| Color Calibration Management Console | Manage multiple iPF large-format printers that are on the same network. | PRO Series, 12-Color, 8-Color |
| Device Management Console | Monitor printer status such as error messages and ink levels of up to 50 printers. | PRO Series |
| Direct Print & Share (PC only) | Cloud portal solution to allow for files to be uploaded, downloaded, and printed. Includes "Hot Folder" printing feature. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| Free Layout Tool | Nest multiple images on one page to help conserve media. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| imageRUNNER Enlargement Copy (Included in the Printer Driver Extra Kit, PC only) | Scan to Print using an imageRUNNER or imagePRESS device to an iPF printer. | 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| imagePROGRAF Layout Plug-in | Easily create Gallery Wrap prints using Adobe Photoshop. | 12-Color, 8-Color |
| Canon Layout Plug-in for Print Studio Pro | Easily create Gallery Wrap prints using Adobe Photoshop. | PRO Series |
| imagePROGRAF Print Utility (Available in the App Store™) | Print PDF files wirelessly via mobile app for iPad* | 5-Color, iPF MFP |
| Media Configuration Tool | Register new or custom media types, as well as update the current list of Canon GENUINE media. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| PosterArtist (Available for purchase as an optional add-on, PC only) | Customize and create posters, signs, and banners in four easy steps. Advanced features; Auto Design, Design Check, Variable Printing, and more. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| PosterArtist Lite (Included with 17" – 44" models, PC only) | A limited version of PosterArtist – (Less templates, clip-art, etc. and no advanced features). | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| Print Plug-in for Adobe Photoshop® | Export files to this module for enhanced printing capabilities and color control. | 12-Color, 8-Color |
| Print Plug-in for Microsoft Office® | Print Word documents, Excel® spreadsheets, and PowerPoint® presentations with ease. | PRO Series, 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |
| Print Studio Pro | Printing software that allows for a streamlined workflow. | PRO Series |
| Quick Utility Toolbox | Portal to where all of the Canon printer software and tools can be accessed. | PRO Series |
| SmartWorks MFP | Scan to copy, file, or share large-format documents. | iPF MFP M40 |
| SmartWorks MFP Plus (Available for purchase as an optional add-on) | Includes advanced features such as PDF/A functionality and RGB color correction. | iPF MFP M40 |
| Status Monitor | Remotely monitor a printer. Includes Ink Purchase Notification feature. | 12-Color, 8-Color, 6-Color, 5-Color, iPF MFP |

PosterArtist: CANON'S EASY-TO-USE POSTER CREATION SOFTWARE

PosterArtist is an optional PC software package that makes it easy to create, customize, and print posters, banners, and signs. No graphic design experience is needed!

Just follow the four on-screen steps to select from over 200 customizable templates, professionally designed for retail, food and beverage, education, business, sports, celebrations, and other categories. PosterArtist also includes over 1,500 print-ready, royalty-free images, and clip-art that you can use. Or, if you prefer, you can import your own images such as company logos and digital camera photos!

For those with more demanding poster creation needs, PosterArtist also includes enhanced features such as an Auto Design function, support for Variable Data Printing, and even an Ambient Light Adjustment feature that assists in compensating for perceived color changes in various lighting environments!

Some imagePROGRAF printers come equipped with PosterArtist Lite to help beginners get started designing and printing their own posters. PosterArtist Lite is only available with specific imagePROGRAF printer bundles; it's not sold separately.

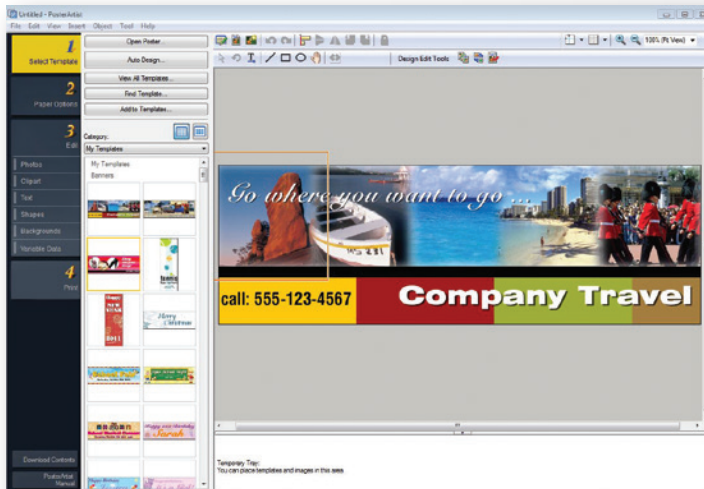
Download a trial version today. For more information, please go to usa.canon.com/posterartist.



Created in PosterArtist



Created in PosterArtist



CANON ALLIANCE PARTNER PROGRAM

The Canon Alliance Partner Program for imagePROGRAF large-format products was created to identify solutions that not only add value to Canon's products, but also address customer and industry-specific needs in the marketplace. An Alliance Partner is a company that has applied to be in this no-cost program, shown proven compatibility with imagePROGRAF devices, and was approved by Canon. The Alliance Program provides a process in which the partner can conduct compatibility testing with the imagePROGRAF products, ensuring that the product is compatible and the company's solution enhances the value of the imagePROGRAF printer. Although Canon is highlighting the members of the Canon Alliance Partner Program, there are a number of other vendors with customized solutions for the imagePROGRAF line. Please check the company's Web site for more detailed compatibility information.

With a full line of Canon large-format printers designed to be incorporated into a variety of market segments, customers are

assured the best solutions to suit their needs. These can be integrated into a range of market segments, such as Proofing/Prepress, Photographic, CAD/GIS, Poster/Signage, and Scan/Copy to address customer-specific needs. Cost-tracking solutions are also available for those who'd like to monitor specific expenses associated with making production pieces by providing detailed reports of the information. RIPs will add functionality to the imagePROGRAF devices that aren't available in the native print driver. For example, they'll accept a broader range of file formats and add features such as tiling, queue management, the ability to create ICC profiles, and ink tracking capabilities. With this added functionality, the imagePROGRAF printer becomes a complete workflow solution.

Canon's imagePROGRAF printers are commonly used for specific, targeted applications, and the partners selected to work with Canon are leaders in some or all of the above-mentioned markets.

For the most current listing of imagePROGRAF Alliance Partners, please visit usa.canon.com/imageprografalliance.

CANON MEDIA

Canon media delivers consistently superior image quality and product performance. Rigorous testing ensures compatibility with imagePROGRAF printers in order to provide the best image quality possible.

Canon media can meet your needs. Drafting designs, producing point-of-purchase displays, and creating photographic and fine art reproductions can all be accomplished utilizing Canon imagePROGRAF printers and media.

The Right Media for the Right Job

PHOTOGRAPHIC/GLOSSY PAPER

High-end photography and portraits demand excellent photographic paper, and Canon offers a wide variety to meet these printing needs. Accurate, clear reproduction of digital images is a breeze with Canon photographic and glossy media options.

FINE ART MEDIA

Special artwork deserves special media. Paintings and digital art superbly reproduce on Canon Fine Art Media. Available in canvas, velvet, and water-resistant styles, Canon Media meets the challenge of fine art printing.

SIGN/BANNER/DISPLAY MEDIA

Eye-catching signs, bulletins, and announcements are easy to create with Canon large-format printers. To suit every application, our sign and banner media are tear-resistant and offer a variety of special features, such as adhesive backing and vinyl coating.

BOND PAPER/CAD/GIS

Blueprints, maps, schedules, and sketches are ideally rendered with Canon large-format printers. These media are ideal for engineers and architects as well as CAD and GIS applications. For everyday use and draft printing, Canon has a wide variety of durable, inexpensive coated paper, available in both 150-ft. rolls and 300-ft. rolls, as well as 30-inch rolls.

For more information on Canon Media, please visit the Canon Consumables Web site at usa.canon.com/consumables/media.



imagePROGRAF Media Swatch Book

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