MAJOR BENEFITS

of the imagePROGRAF GP-200 and the imagePROGRAF GP-300

Canon

The new imagePROGRAF GP-300 and GP-200 large-format printers from Canon offer a host of innovative new features, especially useful for the production of posters. These include the latest PosterArtist software package, included with the printer to make it simple to create posters easily in-house; a compact size to enable printing of large-format posters and designs even in a limited space; and the ability to print directly, without a PC, using the HDD.

THE WORLD'S FIRST AQUEOUS PIGMENT FLUORESCENT PINK INK

The new imagePROGRAF GP-300 and GP-200 are the world's first large-format printers with aqueous pigment fluorescent ink.[1]

In addition to the five colours standard across the imagePROGRAF portfolio (Cyan, Magenta, Yellow, Black and Matte Black) the imagePROGRAF GP-300 and GP-200 feature Fluorescent Pink ink, to achieve incredibly eye-catching output. This is ideal for the in-house production of large format posters with brilliant appeal and visibility, at retailers, restaurants, government offices, schools and many more organisations.

'Radiant Infusion' technology layers the Fluorescent Pink ink with other inks on the paper surface during printing, to enable both bright and soft colour reproduction. Fluorescent Pink ink can also be used to print specific areas such as text and images to make those areas stand out.

It's easy to select Fluorescent Pink ink when printing. Switching is as simple as selecting from the [Print Priority] pull-down in the printer driver.

The default setting is [Poster/Photo (Fluorescent)] which prints with Fluorescent Pink ink. In addition to the excellent colour development and sharp black text reproduction from the standard five colours, fluorescent ink creates an attention-grabbing effect for short-term poster applications.

When the user selects [Poster/Photo] on the imagePROGRAF GP-300 and GP-200, only the basic five-colour ink options will be used for printing. This is ideal for high-quality posters on a variety of paper, from glossy paper posters with uniform gloss to plain paper and coated paper posters with crisp black shades.

"PANTONE®-CALIBRATED" LICENCE

Canon has achieved a "PANTONE®-Calibrated" licence for imagePROGRAF GP-300 and GP-200 printers,[2] specifically for "PANTONE PASTELS & NEONS GUIDE Coated" which includes fluorescent and pastel colours.[3]

This ensures impactful fluorescent colours and pastel colours with gentle tones can be reproduced, supporting the in-house production of posters by a wide range of businesses who previously relied on outsourcing.

LATEST
PosterArtist Lite Software

PosterArtist Lite, included as standard with imagePROGRAF GP-300 and GP-200 printers, is an easy-to-use PC software that helps users create vivid and eye-catching posters using templates that make effective use of fluorescent and pastel colours.

PosterArtist Lite also gives users access to millions of photographs via three of the fastest growing new stock photo service providers. Previous PosterArtist versions included approximately 3,000 pieces of content. In the latest version, by collaborating with three stock photo libraries, users can select far more photos and choose those that reflect current trends. The result is high-quality, stylish posters that meet a wealth of needs and purposes.

Searching for the perfect image is easy. In the edit screen, users simply select the image search destination from the Pixabay, Unsplash and Pexels image libraries, and enter relevant keywords to search. It's possible to search again by switching sites without changing the search term.[4] JPEG, PNG, TIFF, and BMP photo files are all available.

NEW PRINTING MODES

PosterArtist Lite also supports printing with Fluorescent Pink ink on the imagePROGRAF GP Series with with two special printing modes, Vivid and Spot.

Vivid mode uses 'Radiant Infusion' technology to achieve more vibrant printing with an expanded colour gamut, while Spot mode prints with aqueous pigment fluorescent ink on specific areas to make them stand out.

To activate **Vivid mode**, users simply select [Use fluorescent ink] in the edit screen and print. The printer automatically determines the relevant areas of the poster data to create a poster with a wide colour reproduction area and excellent colour development by using the optimal level of fluorescent pink ink. No colour editing or special operations are required.

With **Spot mode,** users can create especially eye-catching posters by enhancing colour saturation in particular areas with fluorescent colours. The process involves simply specifying text, shapes, or clip art backgrounds, and a colour from the colour palette. It's possible to print only the specified area of a photo with fluorescent ink using the image editing function.

There are eleven colour options available from the colour palette. Since these are outside the sRGB area, the colours on the display and the colours actually printed will differ. It's recommended that users print a colour chart from the printer operation panel to check the printed colours and select the desired colour.

Thirty new templates have been added to PosterArtist Lite to make the best use of colour, including fluorescent colours and pastels, to easily create attractive and impactful posters.

SPACE-SAVING DESIGN

Canon has engineered the imagePROGRAF GP-300 and GP-200 with a sleek, compact body design, packing next-generation large-format printing technology into a space-efficient footprint.

All operations related to printing, such as setting and replacing roll paper and ink tanks, and removing printouts, can be performed from the front of the printer. This means the imagePROGRAF GP-300 and GP-200 can be installed flush against a wall yet can produce large-format output – ideal for offices and retail stores with limited space.

BORDERLESS PRINTING

With the advancement of multisensor algorithms to detect the edge of the paper, the imagePROGRAF GP Series recognises the margin adjustment with high accuracy. This is equivalent to that of the new imagePROGRAF PRO Series and imagePROGRAF TZ/TX/TA Series.

The portfolio supports three-sided borderless printing. To achieve this, users can print up to three sides of a sheet of paper without borders, in paper sizes that do not fit the width of the roll. After printing, the fourth side of the print can be trimmed to create a borderless print.

Fully borderless printing can also be completed using a combination of paper sizes to fit the width of the roll media.

DIRECT AND SECURE PRINTING

Built-in HDD helps to make printing from the imagePROGRAF GP-300 and GP-200 convenient and efficient. After printing, the print job is saved to the printer's hard drive, and can then be printed again from the operation panel or Remote UI without using a PC. Users can easily reprint only the necessary number of copies when needed.

Alternatively, the printer can be set to not to save the print job to the hard disk, to improve security. A **secure file erasure function** also completely erases data on the HDD, preventing information leaks.

The imagePROGRAF GP-300 and GP-200 can also directly print files by connecting a **USB drive** to the USB port. Selected files can be previewed in the operations panel display, so users can check the contents of the file before printing to prevent file selection errors. When printing a **multi-page** PDF or JPEG file, users can also preview and print specific pages.

Security is further improved with the introduction of a **PIN (passcode)** of up to seven digits. If a passcode is set from the printer driver, the print job will be stored on the printer HDD until the correct code is entered. The print job will then be deleted from the HDD. Thiis system prevents information leaks due to misidentification or loss.

Canon imagePROGRAF GP-300 and GP-200 large-format printers are ideal for the in-house production of bold, eye-catching posters.

NOTES

[1] Among major manufacturers of aqueous pigment large-format inkjet printers excluding sublimation transfer system, as of June 1, 2021. Canon research.

[2] As of 31/08 according to professional services performed by PANTONE.

[3] "PANTONE PASTELS & NEONS GUIDE Coated" colour gamut coverage rate is 97% for GP-4000/2000 when using Photo Paper Pro Platinum with imagePROGRAF printer driver at [Poster/Photo (Fluorescent)] [Highest] (600dpi), and 85% for GP-300/200 when using Premium Semi-Glossy Paper 2 with imagePROGRAF printer driver at [Poster/Photo (Fluorescent)] [Highest] (600dpi).

[4] It is not possible to search across all three sites at once.

[5] Some clip art requires picture editing, and some clip art doesn't let you change colours.

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