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# NEWS

## **NEW CANON imagePROGRAF PRO-1000 PROFESSIONAL, FINE ART INKJET PRINTER CAN RECREATE POWERFULLY VIVID IMAGES THAT WILL MOVE YOU**

*New 17-inch Large Format Printer Can Produce Sharp Images and Astounding Image Clarity for Pro Photographers and Design Professionals*

**MISSISSAUGA, ON., October 21, 2015** – Canon Canada Inc., a leader in digital imaging solutions, today announced the imagePROGRAF PRO-1000 Professional Inkjet Printer, a 17-inch, large format solution packed with significant technological advancements, such as a new print head, new ink set and a new image processing engine, resulting in stunning image quality designed for photographers who are “equally obsessed” with the printed image.

This is the first in a new series of imagePROGRAF printers that are marked by the distinctive Canon red line across the body of the printer, echoing the same red line on Canon’s EF L-Series lenses. This feature-rich professional printer complements Canon’s professional line of DSLR cameras and lenses for an ideal pairing that can produce high-detail, high-quality images when printed on a variety of media, creating images that look as accurate printed as when they were captured.

### **New Print Head**

Improving upon the specifications of the Canon PIXMA PRO-1 printer, the imagePROGRAF PRO-1000 printer features a 50 per cent larger print head, which also expands the total number of nozzles to 18,432 for each of the 12 channels. The increased size of the print head helps produce faster print speeds<sup>††</sup> while still maintaining high-resolution prints. This new print head design utilizes a sophisticated real-time ink ejection system which helps to maintain a consistent print head temperature allowing for consistent ink droplets to help limit clogs and reduce cleaning cycles and wasted ink. The new print head helps to further reduce the amount of wasted ink through anti-clogging technologies where ink ejection conditions are precisely checked with sensors, and if a clog is detected, another nozzle automatically provides backup.

### **New Inks**

The new LUCIA PRO 11-colour plus Chroma Optimizer ink system was designed specifically to meet the demands of the most critical photographer. An optimized resin-coating of each pigment allows for denser droplets to be applied to the media, resulting in an increased colour gamut of up to 19 per cent over the PIXMA PRO-1 printer. This dense ink-configuration also brings gloss uniformity for viewing conditions and image clarity that helps achieve anti-bronzing. The LUCIA PRO ink system also introduces an improved level of black density not only achieving deep, rich blacks but also helping to bring out incredibly fine shadow detail in the darker areas, creating deep works of art on fine art media. The imagePROGRAF PRO-1000 printer is designed to work seamlessly when changing media types. Photo Black and Matte Black inks have their own dedicated nozzles so no switching is necessary. Users can print on glossy media then fine art media with no worries, no changes and no waste. The new ink system includes matte black, photo black, gray, photo grey, red, blue, magenta, photo magenta, cyan, photo cyan, yellow and Chroma Optimizer. The size of the ink tanks is 80 ml per tank, allowing for less frequent refills and reduced cost per print.

## **New Processing Engine & Printer Architecture**

Demonstrating a rich understanding of optimum balance stemming from its expertise in camera technology, Canon offers precise placement of ink droplets ideal for vivid print results. The new processing engine, L-COA PRO, controls the balance of inks and the precise placement of ink droplets, carefully calculating best results for each print mode and media using various factors including colour reproduction, tonal gradations, black density, graininess, glossiness, anti-bronzing and elimination of metamerism, all of which contribute to creating an amazing printed image. L-COA PRO, combined with an internal 1 GB of memory, enables high-speed processing of massive volumes of image data for demanding workflows. To bring further accuracy to ink ejection and limitation of colour unevenness, the imagePROGRAF PRO-1000 printer offers a two-way vacuum paper feeder, which keeps media flat and even, helping with accuracy of ink ejection. The imagePROGRAF PRO-1000 printer also has a built-in calibration function to help prevent variability of colour output by aging changes or printer differences. This feature allows for a consistency in colours from PRO-1000 to PRO-1000 of under a Delta E of 2<sup>†††</sup>. Reliability and quality are further maintained by the enhanced rigidity in the printer chassis allowing for even more improved dot placement, helping to produce sharper prints, including stunning borderless images.

## **New Software\***

Enhancing the user experience with imagePROGRAF PRO-1000 printer is the intuitive software solution of Print Studio Pro v 2.0. With a focus on quality and ease of use, Print Studio Pro is a plugin for Adobe® Photoshop®, Adobe Lightroom® and Canon Digital Photo Professional software that easily exports files directly to the printer.<sup>2</sup> With 16-bit processing capabilities, fine details are dramatically improved, gradations are smooth and a highly accurate reproduction of the original captured image can be reproduced. Also set to be included is the Media Configuration Tool (MCT)\*, enabling customization of the media in both the driver and printer. Additionally, MCT can make adjustments such as print head height and vacuum strength for each media, offering the flexibility needed in order to help achieve optimal quality across a broad range of media options. Accounting Manager\* is set to be included for those looking to keep track of consumable costs such as ink and media, allowing users to manually enter in their costs in order to help determine their overall printing expenses. Whether it is an individual printing in their studio, or an administrator looking to centrally manage a number of users in a multi-unit networked environment, this tool can help you keep track of printing expenses. Device Management Console\* is an administrative tool which provides users with the means to manage multiple PRO-1000 printers by helping users monitor activity such as error messages and printer information such as the execution status of calibrations.

## **Availability and Pricing**

The Canon imagePROGRAF PRO-1000 is scheduled to be available at the end of November 2015 for a Manufacturer's Suggested Retail Price (MSRP) of \$1,599.99. MSRP of each colour ink is \$71.99 and Chroma Optimizer is \$65.99.\*\*

## **About Canon Canada Inc.**

Headquartered in Mississauga, Ontario, Canon Canada Inc., a wholly owned subsidiary of Canon USA, is a leading provider of consumer, business-to-business and medical digital imaging solutions. Innovation and cutting-edge technology have been essential ingredients in Canon's success. Canon Canada Inc. is committed to the highest level of customer satisfaction and loyalty, providing 100 per cent Canadian-based service and support for all of the products it distributes. Canon Canada Inc. is dedicated to its Kyosei philosophy of social and environmental responsibility.

For more information, please visit: <http://canon.ca> or follow the company on [Facebook](#), [Twitter](#) or [Instagram](#) using @CanonCanada.

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<sup>1</sup>Wireless printing requires a working Ethernet network with wireless 802.11 b/g or n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients. Wi-Fi is a registered trademark of the Wi-Fi Alliance.

\*Certain software and utilities to be released post launch:

Device Management Console for PC estimated to be available December 2015, for MAC 3rd Quarter 2016, Media Configuration Tool for MAC estimated to be available 1st quarter 2016 and

Accounting Manager for MAC and PC estimated to be available for 1st Quarter of 2016.

<sup>2</sup> Adobe® Photoshop®, Adobe Lightroom® and Canon Digital Photo Professional software must be purchased separately.

<sup>††</sup>Photo print speeds are based on the standard mode driver setting using photo test pattern(s) and select Canon Photo Paper. Print speed is measured as soon as first page begins to feed into printer and will vary depending on system configuration, interface, software, document complexity, print mode, types of paper used and page coverage. See <http://canon.ca> for additional information.

<sup>†††</sup>Delta E of 2 inches is guaranteed only Canon genuine media.

\*\*Availability, specifications and pricing are subject to change without notice. Actual prices are set by individual dealers and may vary.

All referenced product names, and other marks, are trademarks of their respective owners.