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PIXMA office All-In-One brings revolutionary print technology to market



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Amstelveen, The Netherlands, 24 January, 2008: Canon today announces a revolution in home and small to medium office printing with the launch of PIXMA MX7600, the first All-In-One inkjet printer to use the revolutionary PgR ink technology¹. Thanks to PgR, PIXMA MX7600 produces high quality prints on plain paper with laser-like text, sharp, vibrant graphics and stunning photos to add a professional touch to your most important prints.

The PIXMA MX7600 brings increased versatility to users; with a single unit they can now service their everyday printing needs, as well as producing laser quality marketing materials. PIXMA MX7600 features high speed copying, scanning and fax capabilities, together with superior quality document printing, and photo lab quality prints.

“With the announcement of PIXMA MX7600, Canon brings a revolutionary and highly competitive product to the marketplace,” said Mogens Jensen, Head of Canon Consumer Imaging, Europe. “With its enhanced printing quality, this premium All-In-One opens up new possibilities for inkjet printing in the small and home office arena. PIXMA MX7600 allows users to consolidate their printing capabilities in a single multi-purpose unit, as well as offering expanded printing capabilities with photo and presentation printing.”

PgR – a revolution in Inkjet

¹ See Technologies Explained



With Canon's unique Pigment Reaction (PgR) technology, presentation-quality text, graphics and photographs can now be printed on plain paper, without the dangers of 'show-through,' print curling, bleeding, scuffing or the images washing off with moisture. PgR brings savings to small businesses or workgroups with low-volume colour printing requirements: it consolidates all printing tasks – as well as copy, scan and fax functions – in a single unit; and it enables the printing of high quality materials on low-cost plain paper.

PgR works by coating the paper with clear ink as it travels towards the print head. Canon Lucia pigment inks bond to the clear ink – improving saturation, brightness and ink fixation. The curling, ink bleeding, and 'show-through' sometimes associated with colour inkjet printing is all-but eliminated by the chemical bonding of the inks, resulting in high-contrast, moisture and highlighter-resistant prints.

PIXMA MX7600 uses the PGI-9 (C, M, Y & PBk) Lucia² cartridges used by the PIXMA Pro9500, together with two PIXMA MX7600-specific inks – PGI-9 Clear for the pre-coating and PGI-7BK as a high capacity, high intensity black for document printing. Compared to traditional pigment inks, Lucia inks offer improved colour density, image stability and durability.

Inkjet Productivity Centre

PIXMA MX7600 is the consummate office multifunctional inkjet device – versatile, responsive and swift. With a Quick Start² time of approx. 5 seconds from the moment the Power key is pressed, the unit is ready to print, copy, scan or fax in moments. Quick print (28ppm Mono/23ppm Colour) and copy (28 cpm Mono/ 23 cpm Colour) times are complemented by two paper feeders, which minimise the time spent loading or changing media, plus auto duplexing for print, copy and scan. PIXMA MX7600 has built-in Ethernet networking capability, enabling remote printing and scanning from any machine on the network. The 33.6kbps Super G3 fax modem keeps waiting time and transmission costs to the absolute minimum.

Exceptional quality

The PIXMA MX7600 offers exceptional quality in all of its functions. When printing, the FINE² print heads achieve subtle colour gradations and superior quality documents in seconds. Canon's copier heritage shines through with Dual Colour Gamut Processing Technology² – a technology that gives exceptionally faithful colour reproduction, whether copying documents or photos.

Not only is the PIXMA MX7600 the office All-In-One of choice, but as befits its PIXMA heritage, is also a fully-featured Photo All-In-One. Compatible with a range of high-quality Canon media including Canon photo papers, the PIXMA MX7600

² See Technologies Explained

produces photo-lab quality borderless prints in 43 seconds, Auto Image Fix can improve the quality of photographs where necessary by using face detection and scene analysis to optimise areas such as face tone and brightness, colour fogging and over/under exposure. Photographs can be transferred directly to the printer from cameras and similar devices, either with PIXMA MX7600's memory card slots (compatible with most popular formats) or via PictBridge.²

PIXMA excellence

As a revolutionary new member of the PIXMA All-In-One range, the PIXMA MX7600 features superior Canon image quality together with impressive functionality. Designed for SMEs and departments which demand high-quality and efficiency, the PIXMA MX7600 takes advantage of PIXMA's brand new PgR technology, that combines with Canon's FINE print heads, Lucia inks and genuine Canon media for prints copies of outstanding quality.

PIXMA MX7600 features:

- The revolutionary Pigment Reaction (PgR) technology for presentation quality graphics, documents and photo prints on plain paper³
- High speed Auto Duplex 35 page Auto Document Feeder (ADF) for scan and copy
- Auto Duplex Print & Copy as standard
- Quick Start – unit ready for use in approx. 5 seconds after power up
- High speed printing: at up to 28ppm Mono/23ppm Colour and photo-lab quality borderless 10x15cm photo prints in 43 seconds in Standard mode
- High speed copy at up to 28 cpm Mono/ 23 cpm Colour
- Ethernet connectivity
- Super G3 High Speed fax with 8 one-touch dials, 100 coded speed dials, 107 group dials and storage capacity for 250 incoming pages
- Photo-lab quality with FINE print head producing min 2pl ink droplets at max 4800x1200 dpi⁴
- Auto Image Fix for optimal photo correction

– Ends –

About Canon Consumer Imaging (CCI), Canon Europe

³ See Technologies Explained

⁴ See Technologies Explained



Canon Europe is a subsidiary of Canon Inc., founded in Japan in 1937. CCI is a leading provider of digital products for the home and the office, including: photo, video, ink jet and laser printers, All-In-One devices, projectors, scanners and fax machines.

Canon's corporate philosophy is kyosei, a Japanese concept that focuses on living and working together for the common good. As an environmentally aware organisation Canon is a Conservation Partner of the WWF.

Further information about Canon Europe is available at: www.canon-europe.com

Additional Information

Software

The PIXMA PIXMA MX7600 is bundled with the following software

- *Canon MP Navigator EX* – Comprehensive input software for managing and editing scanned images and documents. Version EX offers users several improved features such as easier search and image selection facilities, more user-friendly PDF editing features, and a selection of image correction and enhancement options including Canon's new Auto Image Fix.
- *Canon Easy-PhotoPrint EX* – User-friendly software for photo printing and creative projects, such as calendars or photo albums. As well as assisting with options such as paper type selection and size, Easy-PhotoPrint EX includes features like Canon's new Auto Image Fix, Face Sharpener for out-of-focus face correction, Red Eye Correction and Digital Face Smoothing to reduce the appearance of wrinkles.
- *Nuance OmniPage SE* – Optical Character Recognition application that converts scanned text into characters for editing or storage as a searchable text file.
- *NewSoft Presto! Page Manager* – Makes it easy to scan, share and organise documents and photos. Also stack files, so users can group related files without changing their original proprietary format.

Compatibility

PIXMA MX7600 is compatible with Windows 2000 (SP4), XP (SP2), Vista and Mac OSX v10.3.9 - 10.5

Technologies Explained

FINE

Canon's patented FINE semi-conductor manufacturing technique is used to create print heads with exceptionally high nozzle count and density. This enables Canon printers to achieve market-leading print speeds and photo quality for photo and document printing.

The FINE print heads of the PIXMA MX7600 achieve virtually grain free photo lab quality by delivering millions of microscopic, 2 picolitre droplets each second with extremely high consistency and accuracy from minimum 10 µm diameter nozzles.

PgR Technology

Canon's unique Pigment Reaction (PgR) technology revolutionises inkjet printing. Now you can print presentation-quality text, graphics and photos onto any plain paper (from 64gsm) and be confident that the print will not curl, bleed, scuff or wash off with moisture. PgR Clear Ink is coated onto the sheet of plain paper as it passes towards the print head by a roller assembly. Then, when the Lucia pigment inks are placed on the paper, they land on the clear ink. Instead of soaking into the paper, which would cause 'show-through' and bleeding, the Lucia ink reacts with the PgR Clear Ink, bonding it in place. This leads to a brighter, sharper, more saturated and more robust print.

Lucia Inks

Canon Lucia inks are also used in the PIXMA Pro9500. These were developed for improved colour density, sharp text and exceptional levels of image stability and durability - and thanks to PIXMA MX7600's PgR technology, these can now be used to print photos & presentation-quality graphics on plain paper too.

DCG Processing Technology

Dual Colour Gamut Processing Technology optimises faithful colour reproduction in document copying and photo re-printing. The system uses two separate forms of colour rendering to reproduce tones that meet accurately with human perception – ensuring both enhanced colour reproduction and superior text legibility in first and second generation copies.

Quick Start

“Quick Start” refers to the faster start up time for PIXMA All-In-Ones when they are turned on. It enables the user not only to turn on the All-In-One faster but to use a function (eg copy, push scan etc.) faster too. PIXMA MX7600 can be operated 5 seconds after pressing the Power key.