THE PRINTERS THAT ARE EQUALLY OBSESSED.

PHOTOGRAPHERS SHOOT USING THE MARK OF QUALITY

Highly regarded among professional photographers, Canon L-Series lenses are distinguished by a bold red ring around the outer barrel.

By combining the use of a Canon camera and an imagePROGRAF PRO Series printer, photographers are able to achieve a unique, input-to-output solution known as Crystal-fidelity.

From professional photographers to graphic designers, they openly share what they need and want in a printer, like stunning, black-and-white prints with deep blacks, detailed gradations, and a wide color gamut that accurately reproduces even the most difficult colors.

Introducing the Canon imagePROGRAF PRO-4000 and PRO-2000 professional, large-format printers. The 44" and 24"-wide models offer an 11-Color plus Chroma Optimizer ink system that does it all. The best printers Canon has ever engineered, distinguished by a bold red line.

© George Lepp, Canon Explorer of Light
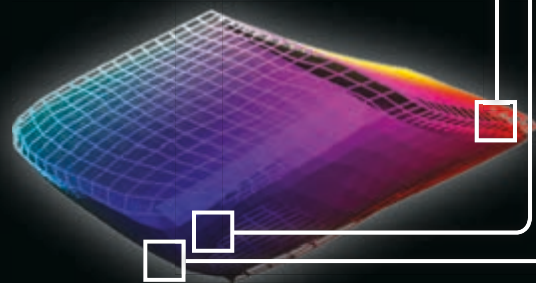
LUCIA
PRO ink

LUCIA PRO INK SYSTEM

The LUCIA PRO 11-Color plus Chroma Optimizer ink system can satisfy the demands of the most critical photographer or graphic artist. A dense droplet placement provides a broad color gamut and the Chroma Optimizer provides improved gloss uniformity for superb color and anti-bronzing. Incredibly accurate color reproduction, outstanding image clarity, and enhanced detail in darker areas help distinguish each print. On fine art papers, deep black density renders even the finest shadow detail for a print that becomes a work of art.

(PBK) (MBK) (GY) (PGY)   (C) (PC) (M) (PM) (Y)   (R) (B) (CO)

WIDE COLOR GAMUT

The microencapsulated LUCIA PRO ink set is tightly arranged on the paper with each print head pass—creating a wide color gamut. The newly formulated Blue and Magenta inks work to render brilliant color when printing vibrant landscapes while the Black inks can capture the finest detail in the darkest areas of your images bringing them to light.

UP TO
32,256,000
INK DROPLETS PER SECOND
ARE PLACED ON THE PAPER.

FINE
Full-photolithography Inkjet
Nozzle Engineering

1.28inch

NEWLY DEVELOPED PRINT HEAD

At the heart of the imagePROGRAF PRO-4000 and PRO-2000 printers is a 1.28"-wide print head with 18,432 nozzles. Using one print head as opposed to two, like previous imagePROGRAF 12-color models, the new PRO Series is able to achieve faster print speeds.

ANTI-CLOGGING TECHNOLOGY
Ink ejection conditions are precisely checked with sensors, so if a clog is detected, another nozzle automatically provides backup. In addition to helping to prevent wasted prints due to clogging, this also helps reduce the frequency of nozzle cleaning required.

NO SWITCHING OF BLACK INKS
On other brands of printers, switching from Matte Black to Photo Black consumes a significant amount of ink and time. The PRO Series is designed to work seamlessly when changing paper types. Matte Black and Photo Black inks have their own dedicated nozzles, so no switching is necessary. You can print on fine art paper then glossy paper with no worries, no changes, and no waste.

MULTI-SENSOR
All PRO Series devices include a built-in multi-sensor to help ensure color consistency, not only from one print to the next, but also from one PRO Series device to another. With the included Device Management Console Software, calibrate and monitor up to 50 PRO Series devices with ease on both Canon and non-Canon media, ensuring highly consistent color.

COLOR CALIBRATION
Producing the correct color is paramount when printing high-quality, archival work. The built-in Color Calibration function uses a multi-sensor to read color density and automatically calibrate the printer, so that the last print looks as stunning as the first.
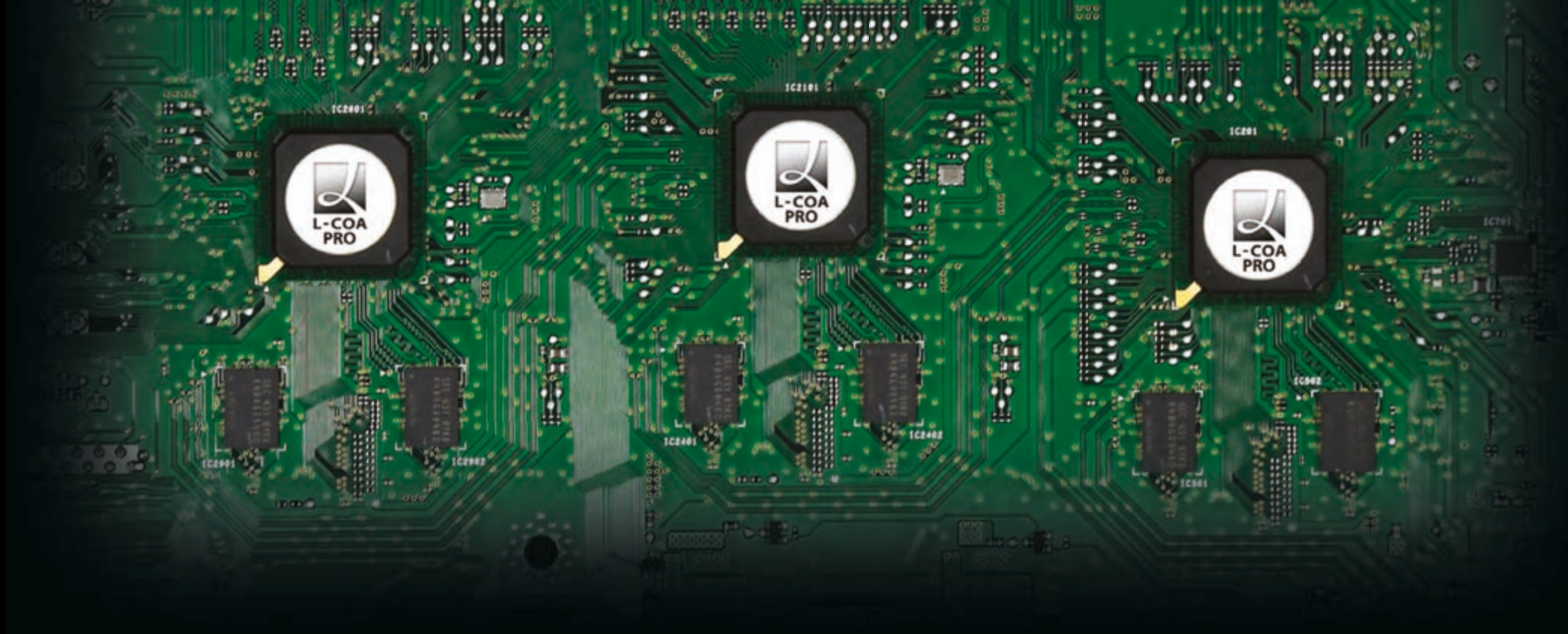
ADVANCED MEDIA HANDLING

MULTIFUNCTION ROLL SYSTEM
The optional Multifunction Roll System can be used in two different ways. It can enable you to load a second roll of a different media type and size at the same time so that you can automatically switch from printing on matte to gloss paper without interrupting your workflow, or the unit can be operator-configured as a bi-directional Take-up unit.

EFFORTLESS MEDIA LOADING
Loading media on a Canon large-format printer has never been easier than on the imagePROGRAF PRO Series printers. Simply set the roll holder in the printer, rotate the roll holder handles, and let the media automatically feed into the printer. No need to touch the paper, helping to decrease the risk of creasing and blemishes.

ENGINEERED OBSESSED

L-COA PRO
This new high-precision control engine performs the high-speed processing of massive amounts of image data, generates the printing data, and controls the optimal ink layout for the purpose of achieving high-resolution prints.

UNIBODY DESIGN
The newly engineered unibody structure provides a strong platform for stable print head scanning, resulting in precise ink droplet placement. The perfect combination of speed and high-quality printing is achieved with this new design.
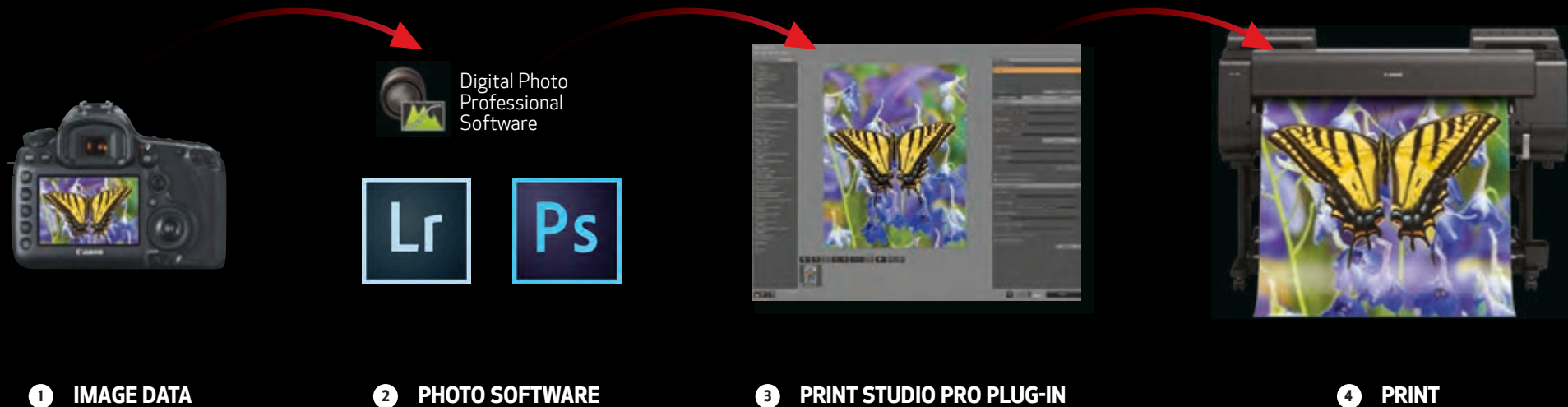
HIGH-CAPACITY INK TANKS
Available in 160 ml, 330 ml, and 700 ml ink tanks, you're now given the flexibility to purchase ink based on your printing needs. 700 ml Photo Black ink tanks can be purchased for those often printing monochrome images and 160 ml Magenta ink tanks for the occasional sunset image, giving the power to purchase ink based on the color frequency at which images are printed.

SUB-INK TANK SYSTEM
The Sub-Ink Tank System works to remove all of the ink in the tank before having to replace it, helping to eliminate any wasted ink. The empty tanks can also be replaced on the fly, without stopping the printer. This is extremely useful during your long print jobs.

CANON WORKFLOW

Digital Photo
Professional
Software

Lr **Ps**

| ① | IMAGE DATA | ② | PHOTO SOFTWARE | ③ | PRINT STUDIO PRO PLUG-IN | ④ | PRINT |

PRINT STUDIO PRO

Creating Canon large-format prints is now easier with the introduction of Print Studio Pro. This software offers features that help streamline your printing workflow. Compatible with Canon Digital Photo Professional, Adobe® Photoshop, and Adobe Lightroom, Print Studio Pro offers versatility never before seen with Canon large-format printing.

Key features include:

- 16-bit printing workflow
- Large preview screen
- Import multiple images and make batch edits that apply to all
- Create "Favorites" settings
- Print history

- Soft proofing
- Edit tone curves and import/export
- Contrast Reproduction
- Gallery Wrap
- Ability to print multiple-up images

PRINTER MANAGEMENT SOLUTIONS

Wi-Fi® CONNECTIVITY
Stay Connected. A first for the imagePROGRAF large-format printers, Wi-Fi connectivity is now standard with the new PRO Series printers.

ACCOUNTING MANAGER
In today's printing environment, it's more important than ever to understand how much each print job is costing your business. Both Mac® and Microsoft® compatible, Accounting Manager serves as a powerful feature, used for accurately managing your print costs. With Accounting Manager, you can track how much ink and paper is being consumed with printing on up to 50 printers!

QUICK UTILITY TOOLBOX
Quick Utility Toolbox is home to where all of the Canon PRO Series printer software and tools can be accessed.

DIRECT USB DRIVE PRINTING
PDF and JPEG files can be directly printed on the imagePROGRAF PRO-4000 and PRO-2000 from a USB thumb drive. Simply input the thumb drive into the USB port on the printer, preview the image on the operation panel, and print! Fast and easy printing without the use of a computer.

DEVICE MANAGEMENT CONSOLE
The Device Management Console software, ideal for fleet management, lets you perform color calibrations remotely. This software lets you monitor the printer status of up to 50 units from any location in the world, be notified via e-mail when an error has occurred, or check the amount of ink left in the printers without ever having to leave the comfort of your desk.

Technical Specifications

imagePROGRAF PRO-2000

TECHNOLOGY

Printer Type	12 Colour 24"/610mm
Print Technology	Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)
Number of Nozzles	18,432 nozzles (1536 nozzles x 12 colour)
Print Resolution	2,400 dpi x 1200 dpi
Nozzle Pitch	600 dpi x 2 includes Non-firing nozzle detection and compensation system
Line Accuracy	±0.1% or less
User adjustments necessary. Printing environment and media must match those used for the adjustments.
CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only
Ink Droplet Size	minimum 4 pl per colour
Ink Capacity	Sales Ink: 160ml/330ml/700ml
Bundled Starter Ink: 160ml
Ink Type	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser
OS Compatability	Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10, Server 2008,
64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2
Apple Macintosh: OSX 10.7.5 - 10.11
Printer Languages	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	USB A Port: USB Memory Direct Print for JPEG/PDF files
USB B Port: Built-in Hi-Speed USB 2.0
Ethernet: 10/100/1000 base-T
Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b

MEMORY

Standard memory	3 GB
Hard Drive	320 GB

PRINT TIME FOR A1 PAGE SIZE

Plain Paper	Print Mode	Print Time
	Fast	0:58 min
	Standard	1:37 min

Coated Paper	Print Mode	Print Time
	Standard	1:37 min
	High Quality	3:12 min

Glossy Photo Paper	Print Mode	Print Time
	Standard	3:34 min
	High Quality	5:38 min

MEDIA HANDLING

Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output
Optional Roll Paper: One Roll, Front-loading, Front Output
Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper: 203.2 ~ 610 mm
Cut sheet: 203.2 ~ 610 mm
Media Thickness	Roll/Cut: 0.07 ~ 0.8 mm
Minimum Printable Length	203.2 mm
Maximum Printable Length	Roll paper: 18 m (Varies according to the OS and application)
Cut sheet: 1.6 m
Maximum Media Roll Diameter	170 mm
Media Core Size	Internal diameter of roll core: 2"/3"
Margins Recommended area	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm
Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm

Margins Printable area	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm
Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm
Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm
Media Feed Capacity	Roll Paper: One roll. If second option is added then automatic switching is possible
Media Take-up roll unit	Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll
Borderless Printing Width (Roll Only)	515 mm(JIS B2), 594 mm(ISO A1), 10", 14", 17", 24", 257 mm(JIS B4)*, 297 mm(ISO A3)*, 329 mm(ISO A3+)*, 420 mm(ISO A2)*, 8"*, 16"*, 300 mm*
*Some environmental conditions may not produce the desired result
Maximum number of delivered prints	Standard position: 1 sheet
Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)	1110 mm x 984 mm x 1168 mm(Basket Opened)
1110 mm x 766 mm x 1168 mm(Basket Closed)
Weight: approx 101 kg (including Roll Holder Set, excluding ink and print heads)
Packaged Dimensions WxDxH (mm) and Weight (Kg)	Printer (Main unit with pallet):
1324 mm x 902 mm x 1045 mm Weight: approx. 129 kg
Stand/Basket: 1111 mm x 797 mm x 223 mm, Weight: approx. 23 kg
Roll unit: 1244 mm x 562 mm x 461 mm,Weight: 23 kg

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 88 W or less
Standby: 1.8 W or less
Power off: 0.5 W or less
Operating Environment	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
Accoustic Noise (Power/Pressure)	Operation: 48 dB (A)
(Glossy paper, Print priority: Standard)
Standby: 35 dB (A) or less
Operation: 6.4 Bels or less
(Glossy paper, Image, Print priority: Standard)
(Measured on ISO7779 standard)
Regulations	Europe: CE mark, Germany: TUV mark, Russia: EAC, Other countries: CB certification
Enviroment Certificates	International Energy Star Program (WW), RoHS

WHAT'S INCLUDED

What's in the Box?	Printer, 1 x Print Head, 1 x Maintenance Cartridge, 3" Paper Core Attachment, EU & UK Power Cable, 1 Set of Starter Ink Tanks, Set Up Guide, Safety/Standard Environment Leaflet, User Software CD-ROM (OSX/Windows), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet, Quick Guide and Printhead Alignment Sheet
Software Included	imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite
Other software available as Download from Web.

OPTIONS

Optional Items	Printer Stand: SD-21
Roll Unit: RU-21
2/3" Roll Holder: RH2-27

CONSUMABLES

User Replaceable Items	Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml)
Print Head: PF-10
Cutter Blade: CT-07
Maintenance Cartridge: MC-30

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

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FINE
Full-photolithography Inkjet Nozzle Engineering

LUCIA PRO ink

L-COA PRO

Crystal-fidelity

Canon

Technical Specifications

imagePROGRAF PRO-4000

TECHNOLOGY

Printer Type	12 Colour 44"/1118mm
Print Technology	Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)
Number of Nozzles	18,432 nozzles (1536 nozzles x 12 colour)
Print Resolution	2,400 dpi x 1200 dpi
Nozzle Pitch	600 dpi x 2 includes Non-firing nozzle detection and compensation system
Line Accuracy	±0.1% or less
	User adjustments necessary. Printing environment and media must match those used for the adjustments.
	CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only
Ink Droplet Size	minimum 4 pl per colour
Ink Capacity	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 190ml
Ink Type	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser
OS Compatability	Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10, Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2 Apple Macintosh: OSX 10.7.5 ~ 10.11
Printer Languages	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB 2.0 Ethernet: 10/100/1000 base-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b

MEMORY

Standard memory	3 GB
Hard Drive	320 GB

PRINT TIME FOR A0 PAGE SIZE

Plain Paper	**Print Mode**	**Print Time**
	Fast	1:37 min
	Standard	2:51 min
Coated Paper	**Print Mode**	**Print Time**
	Standard	2:51 min
	High Quality	5:36 min
Glossy Photo Paper	**Print Mode**	**Print Time**
	Standard	6:21 min
	High Quality	10:05 min

MEDIA HANDLING

Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output Optional Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper: 203.2 ~ 1118 mm Cut sheet: 203.2 ~ 1118 mm
Media Thickness	Roll/Cut: 0.07 ~ 0.8 mm
Minimum Printable Length	203.2 mm
Maximum Printable Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Maximum Media Roll Diameter	170 mm
Media Core Size	Internal diameter of roll core: 2"/3"
Margins Recommended area	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm

Margins Printable area	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm
Media Feed Capacity	Roll Paper: One roll. If second option is added then automatic switching is possible Cut Sheet: 1 sheet
Media Take-up roll unit	Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll
Borderless Printing Width (Roll Only)	515 mm(JIS B20, 728 mm(JIS B1), 1030 mm(JIS B0), 594 mm(ISO A1), 841 mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257 mm(JIS B4)*, 297 mm(ISO A3)*, 329 mm(ISO A3+)*, 420 mm(ISO A2)*, 8"*, 16"*, 30"*, 300 mm* *Some environmental conditions may not produce the desired result
Maximum number of delivered prints	Standard position: 1 sheet Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)	1593 mm x 984 mm x 1168 mm (Basket Opened) 1593 mm x 766 mm x 1168 mm (Basket Closed) Weight approx 123 kg (including Roll Holder Set, excluding ink and print heads)
Packaged Dimensions WxDxH (mm) and Weight (Kg)	Printer: (Main unit and stand with pallet): 1820 mm x 915 mm x 1019 mm, Weight approx: 184 kg Roll Unit: 1727 mm x 562 mm x 461 mm, Weight approx: 31 kg

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 112 W or less Standby: 1.8 W or less Power off: 0.5 W or less
Operating Environment	Temperature: 15-30°C, Humidity: 10~80% RH (no dew condensation)
Accoustic Noise (Power/ Pressure)	Operation: 48 dB (A) (Glossy paper, Print priority: Standard) Standby: 35 dB (A) or less Operation: 6.4 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO7779 standard)
Regulations	Europe: CE mark, Germany: TUV mark, Russia: EAC, Other countries: CB certification
Enviroment Certificates	International Energy Star Program (WW), RoHS

WHAT'S INCLUDED

What's in the Box?	Printer, 1 x print head, 1 x Maintenance Cartridge, 3" Paper Core Attachment, EU & UK Power Cable, 1 Set of Starter Ink Tanks, Set Up Guide, Safety/Standard Environment Leaflet, User Software CD-ROM (OSX/ Windows), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet, Quick Guide and Printhead Alignment Sheet
Software Included	imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite Other software available as Download from Web.

OPTIONS

Optional Items	Roll Unit: RU-41 2/3" Roll Holder: RH2-45

CONSUMABLES

User Replaceable Items	Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml) Print Head: PF-10 Cutter Blade: CT-07 Maintenance Cartridge: MC-30

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