

imagePROGRAF PRO-4100

UNRIVALLED COLOUR EXPRESSION WITH FAST AND EFFICIENT 44 INCH OUTPUT

A large format solution for
print service providers in the
photographic and fine art
markets



- **Media expert**

Automatic media handling adapts to any media type for a streamlined user experience

- **Protect print data**

Maximise security by restricting print connections and protocols with individual user passcodes

- **Workflow efficiency**

Work smarter with hard keys and saved on-screen settings for frequently used operations

- **Auto media type detection**

A sensor detects the media, matches it with an internal database and automatically selects the media type

- **Colour reproduction**

Advanced image processing accurately expresses colours, improves gradation and increases sharpness

PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

TECHNICAL SPECIFICATIONS

imagePROGRAF PRO-4100

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)

Print Resolution

2,400 x 1200 dpi

Number of Nozzles

18,432 nozzles (1536 nozzles x 12 colour)

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

Nozzle Pitch

600 dpi x 2 includes Non-firing nozzle detection and compensation system

Ink Droplet Size

minimum 4 pl per colour

Ink Capacity

Sales Ink: 160ml/330ml/700ml
Bundled Starter Ink: 330ml

Ink Type

Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser

OS Compatibility

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, Windows Server 2019
Apple Macintosh: OS X 10.10.5 - OS X 10.11, macOS 10.12 - macOS 10.14

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
*Please refer to user manual how to activate/deactivate the wireless LAN

MEMORY

Standard memory

3 GB

Hard Drive

500 GB (Encrypted HDD)

PRINT TIME FOR A0 PAGE SIZE

Media Type

Print Mode: Print Time

Plain Paper

Print Mode	Print Time
Fast	1:37 min
Standard	2:49 min

Coated Paper

Print Mode	Print Time
Standard	2:49 min
High Quality	5:35 min

Glossy Photo Paper

Print Mode	Print Time
Standard	5:35 min
High Quality	8:50 min

MEDIA HANDLING

Media Feed and Output

Upper Roll Paper: One Roll, Front-loading, Front Output
Lower Roll Paper: One Roll, Front-loading, Front Output
Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)

Media Width

Roll paper: 152.4-1118 mm
Cut sheet: 152.4-1118 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: 2133.6mm

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: Two rolls. Automatic switching is possible.
Cut Sheet: 1 sheet

Media Take-up roll unit

Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

Borderless Printing Width (Roll Only)

515mm(JIS B2), 728mm(JIS B1), 1030mm(JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257mm(JIS B4)*, 297mm(ISO A3)*, 329mm(ISO A3+)*, 420mm(ISO A2)*, 6", 8", 12", 16", 20", 22", 30", 300mm*, 500mm, 600mm, 800mm, 1000mm and custom roll width (152.4-1118 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 x 984 x 1168 mm (Basket Open)
1593 x 766 x 1168 mm (Basket Closed)
123 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

Packaged Dimensions

WxDxH (mm) and Weight (Kg)

Printer (Main unit with pallet): 1820 x 915 x 1019 mm
174 kg
Roll Unit: 1727 x 562 x 461 mm
31 kg

POWER AND OPERATING REQUIREMENTS

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

Operation: 112 W or less
Sleep mode: 3.6W or less
Default setting for the time to enter the Sleep mode: Approx. 5 Minutes
Power off: 0.5 W or less

Operating Environment

Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)

Acoustic Noise (Power/Pressure)

Operation: approx. 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 ISO 7779 standard)

Regulations

Certificates

Europe: CE mark, Russia: EAC

TUV, CB

WHAT'S INCLUDED

What's in the Box?

Printer, Iprint heads, 3 inch paper core attachment, Power Cable, 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet, User software CD-ROM (Win), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information 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

2/3" Roll Holder: RH-2-46
Roll Unit: RU-43

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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