Main Unit

Print Head (PF-02)
- Technology
  - FINE Full-lithography
    (Ink-jet Nozzle Engineering)
- Configuration
  - 6 Colors per Print Head
  - Dual Print Heads (Total 12 Colors)
  - Print Head (L) Y/PC/C/PGY/GY/MBK
  - Print Head (R) PM/M/BK/R/G/B
- Replacement
  - End-User replaceable

Number of Nozzles
- 2,560 Nozzles per Color
- 30,720 Nozzles Total

Droplet Size
- 4 Picoliter

Nozzle Pitch (Head Resolution)
- 1200 dpi x 2

Print Head Swath
- 1.07"

Print Resolution (Max.)
- 2400 x 1200 dpi

Ink Type
- LUCIA Ink (Pigment-Based)

Ink Tank (PFI-701 or PFI-301)
- Colors
  - Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Red, Green, Blue, Gray, Photo Gray

Ink Tank Capacity*
- 700ml (PFI-701) or 330ml (PFI-301)

Ink Supply Method
- Tubing System with Sub-Tanks for Continuous Ink Supply

Nozzle Recovery System
- Non-Firing Nozzle Detection and Compensation

Printer Controller
- L-COA Controller

Printer Memory
- 640MB

Print Speed/A0 size**
- Photo Glossy Paper ***
  - 5 minutes

Built-in Hard Disk Capacity
- 40GB

Media Feed
- Roll Feed
  - One Roll, Front Output
- Cut Sheet
  - One Sheet, Front Output

Media Width
- 8" – 60" (Cut sheet)
- 10" – 60" (Roll Feed)

Minimum Media Length
- 8" (203mm)

Maximum Print Length
- Manual Feed
  - 63" (1.6 m)
- Roll
  - 59' (18 m)†

Borderless Printing Width (Roll Media Only)
- 10", 14", 16", 24", 36", 42", B2 (20.28"/515mm), A1 (23.38"/594mm), A0 (33.11"/841mm), B0 (40.55"/1030mm)

Media Cutter
- User-Replaceable Durable Rotary Blade (CT-06)

Media Thickness
- 0.07 – 0.8mm (2.8 – 31.4mil)

Media Core Sizes
- 2" (3" Core with Optional 3" Core Spool)

Media Output
- Automatically Winding Media Take-up Reel (Standard), Basket (Optional)

Printable Margins
- Manual Feed (Top/Front)
  - Leading and Left/Right Edges: 0.20" (5mm), Trailing Edge: 0.90" (23mm)
- Roll Feed
  - All Sides: 0.20" (5mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
- 5.9" (150mm)

Minimum Printable Line Weight
- 0.02mm

Line Accuracy
- +0.19%/-0.25%

Bundled Software
- Printing Software
  - Printer Driver 2006, Print Plug-in for Photoshop‡, Printer Driver Extra Kit▲ (Free Layout, imageRUNNER Linking Function)
- Applications
  - PosterArtist 2006▲▲
    Digital Photo Print Pro▲▲
- Utilities
  - GARO Status Monitor, Media Configuration Tool, Remote UI

Printer Language
- GARO (Canon Proprietary)

Operating System ■
- Windows® 98SE/Me/2000/XP/2003 Server, Macintosh® OS 9.1/X 10.2/ 10.3/10.4

Interface
- Standard
  - USB 2.0 High Speed
  - 10/100Base-T/TX
- Optional
  - IEEE1394 (FireWire)

Acoustic Noise
- Operation
  - 52dB or Less
- Standby
  - 35dB or Less
- Acoustic Power (Operation and Standby)
  - 6.7 Bels or Less

Power Supply
- AC 100-240V (50-60Hz)

Power Consumption
- Maximum
  - 190W or Less
- Standby
  - 5W or Less
    (8W or Less when EB-05 is Installed)
- Power Off (Standby)
  - Less than 1W
    (Compliant with Executive Order)

Certifications
- UL, FCC Class B, ENERGY STAR®

Operational Environment
- Temperature
  - 59 – 86 Fº (15 – 30 Cº)
- Relative Humidity
  - 10 – 80% (No Condensation)

Dimensions with Stand (W x D x H)
- 90.5" x 31.6" x 45.1" (2299mm x 766mm x 1144mm)

Weight with Stand and Take-up Reel
- Approx. 365 lb. (165kg)

Package Dimensions (W x D x H)
- 97.7" x 41.4" x 48.8" (2480mm x 1050mm x 1238mm)

Package Weight (Including Pallet)
- 552 lb. (250kg)

User Replaceable Items
- Ink Tank PFI-301/PFI-701
- Print Head (PF-02)
- Maintenance Cartridge (MC-08)
- Durable Rotary Blade (CT-06)

Options
- IEEE1394 Expansion Board (EB-05)
- Media Catch Basket (BU-01)
- 2" Core Roll Holder (RH2-63)
- 3" Core Roll Holder (RH3-63)
- EFI Colorproof XF for Canon

Media Types

Signage Media
Durable Banner (Polypropylene), Banner Vinyl (Scrim), Tyvek Banner, Removable Banner Vinyl, Adhesive Matte Vinyl, Durable Backlit Film, Back Print Back Lit Film

Photo Paper
Premium Super-Gloss, Glossy Photographic Paper, Satin Photographic Paper, Heavyweight Glossy Photographic Paper, Heavyweight Satin Photographic Paper, Premium Bright Photo Glossy Paper, Premium Bright Photo Satin Paper, Premium RC Photogloss, Premium RC Photomatte, Premium RC Luster

Proofing Paper
Commercial Proofing Paper, Premium Proofing Paper

Matte Paper
Universal Bond Paper, Matte Coated Paper, Heavyweight Coated Paper, Heavyweight Matte Coated Paper, Premium Matte Paper

Fine Art Paper
Fine Art Photo Rag, Fine Art German Etching, Fine Art Enhanced Velvet, Fine Art Watercolor Paper, Fine Art Smooth Rag, Fine Art Smooth Rag Heavyweight, Fine Art Smooth Natural Rag, Fine Art Textured Rag, Fine Art Water Resistant Canvas, Graphic Matte Canvas, Canvas Semi-Glossy

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* The printer is shipped with a set of PFI-301.

** Print speeds noted here are bench-mark testing results conducted by Canon Inc. Each print time stated here is actual measurement of sample image output speed and is not the maximum printer speed. The data does not include data transfer time. The print speed may vary depending on the data volume and size. The testing conditions are as follows: The print time is measured from the start of printing until the image is exited out from the printer. These tests were conducted with a Pentium®4 3.2GHz running Windows XP, 1GB RAM, USB 2.0, from Adobe® Photoshop 7.0, SCID No.5 (bicycle chart).

*** Paper fed from Roll on A0-sized [(32.56" x 40.71") (827 x 1034mm)] paper printing at 1200 x 1200 dpi, Standard mode.

† The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2006 is 50 feet.

‡ For Adobe® Photoshop® 6, 7, CS, CS2, running on Windows 2000/XP or Macintosh OS 9.1 or OS X 10.2/10.3/10.4.

▲ Windows 2000/XP/2003 Server

▲▲ Windows 2000/XP

■ For imagePROGRAF Printer Driver 2006. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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