

Wirth Consulting

B2B Digital Imaging Product Evaluation

Monday, July 27, 2009 10:34:03 AM

WYSK

"What You Should Know"

Make	Canon	Model	PIXMA Pro9000
Functions	Print	Imaging Technology	Ink-jet
Classification A3 Color Ink-Jet Printers			



Canon's PIXMA Pro9000 is a photo-printer that can print on media up to 13" x 19", and can be equipped with eight ink colors versus the traditional four (CMYK) ink colors. Eight-color printing enables the printer to produce professional and superior photo-quality color output. The printer supports a wide variety of substrates and media--up to 1.2 mm thick--including card and index stock. Without network connectivity, it is most suitable for a single user.



Specifications

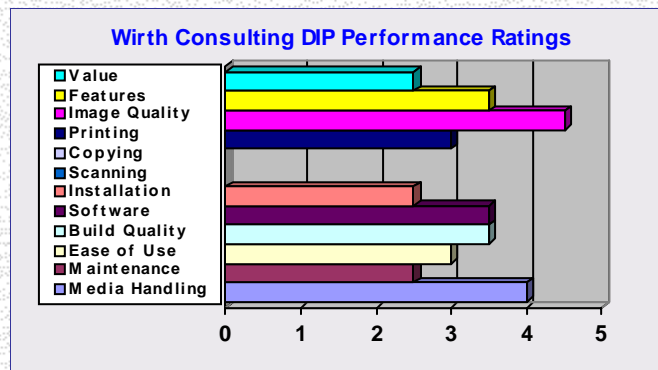
Monthly Duty Cycle		Max Media Width (inches)	13.0	330.20	mm	Price	\$499.00	€357.48
BW/Color Print Speed (PPM)	1.1/1.1	Max Media Length (inches)	19.0	482.60	mm	Duplex		
Max. Print Resolution (DPI)	4800x2400	Max Media Wt. (bond, lbs.)	40.9	138.04	gsm	Print		
Standard Memory (MB)	0.42	Height (inches)	7.60	193.04	mm	Network		
Std Media Capacity (sheets)	1	Width (inches)	26.00	660.40	mm	Scan		
Max Media Capacity (sheets)	1	Depth (inches)	14.00	355.60	mm	Doc Feeder		
Power Consumption (watts)	NA	Weight (pounds)	31.0	14.06	kg	Full System	\$499.00	€357.48

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input type="checkbox"/>	Color Scanning <input type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	Ease of Use
Walk-Up Fax <input type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input type="checkbox"/>
Image Quality	Linux <input type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input checked="" type="checkbox"/>	Media Handling	Maintenance
Color Office IQ <input checked="" type="checkbox"/>	PCL <input type="checkbox"/>	Feeds Index Stock <input checked="" type="checkbox"/>	All-in-One Toner Cartridge <input type="checkbox"/>
Professional IQ <input checked="" type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input checked="" type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input type="checkbox"/>	Finishing <input type="checkbox"/>

Wirth Consulting Ratings* *On a scale of 0-5, with 5 being the best

Value	2.5
Features	3.5
Image Quality	4.5
Printing	3.0
Copying	
Scanning	



2.5	Installation
3.5	Software
3.5	Build Quality
3.0	Ease of Use
2.5	Maintenance
4.0	Media Handling

Ratings Scoreboard* *Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

Overall Score	32.5	Copier Score		Printer Score	32.5	Scanner Score		Usability Score	15.0
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Classification **A3 Color Ink-Jet Printers**

Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$15.99	Magenta Ink/Toner Yield (pages)	450	Maintenance Kit Price	
Black Ink/Toner Yield	450	Yellow Ink/Toner Price	\$15.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$15.99	Yellow Ink/Toner Yield	450	Other Type	
Cyan Ink/Toner Yield	450	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$15.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		\$0.0355		Color Consumables Cost per Page	
				\$0.1421	

Total Cost Per Page*

Total Cost of Ownership**

*Cost Per Page and **Total Cost of Ownership include the purchase price depreciated over a five-year period. ***Mixed=Based on print usage of 66% Black and 33% Color

Monthly Volume	Black CPP	Color CPP	Monthly Volume	Black TCO	Color TCO	***Mixed TCO
50 pages	\$0.202	\$0.308	50 pages	\$605.60	\$925.40	\$705.08
100 pages	\$0.119	\$0.225	100 pages	\$712.20	\$1,351.80	\$916.15
250 pages	\$0.069	\$0.175	250 pages	\$1,032.00	\$2,631.00	\$1,549.35
500 pages	\$0.052	\$0.159	500 pages	\$1,565.00	\$2,631.00	\$1,901.13
1,000 pages	\$0.044	\$0.150	1,000 pages	\$2,631.00	\$9,027.00	\$4,715.37
2,000 pages	\$0.040	\$0.146	2,000 pages	\$4,763.00	\$17,555.00	\$8,936.73
3,000 pages	\$0.038	\$0.145	3,000 pages	\$6,895.00	\$26,083.00	\$13,158.09
4,000 pages	\$0.038	\$0.144	4,000 pages	\$9,027.00	\$34,611.00	\$17,379.45
5,000 pages	\$0.037	\$0.144	5,000 pages	\$11,159.00	\$43,139.00	\$21,600.81

Wirth Consulting Commentary

Strengths

- Four-color (CMYK) printing as well as eight-color printing. Eight-color printing adds Photo Cyan, Photo Magenta, Red, and Green). With eight-color printing, the printer can produce photographic and professional output.
- Two separate paper paths; the front paper path is designed for printing on heavier-weight stock.
- Print on media up to 13" x 19".
- Dye-based ink (ChromaLife 100) provides enhanced light fastness for printed images.
- Individual ink cartridges (only replace the color that is depleted).
- Software includes "Easy PhotoPrint Pro," a software plug-in for Adobe Shop for color management.

Limitations

- No network capability standard or optional.
- Relatively higher color consumables' cost per page of 14.2 cents.

Notes

- Color cost per page is based on four-color printing, not eight-color printing.
- Additional ink colors (Photo Cyan, Photo Magenta, Red, Green) are rated to each produce 1,800 pages (\$79.96 each).
- Rated print speed is in draft mode.

Best Use

Individual use (no networking) by graphic artists, fine artists, photographers, etc., where large-format professional-quality photo color printing is required.