

Wirth Consulting

B2B Digital Imaging Product Evaluation

Tuesday, October 20, 2009 2:21:07 PM

WYSK

"What You Should Know"

Make	Lexmark	Model	Prevail Pro705
Functions	Print/Copy/Scan/Fax	Imaging Technology	Ink-Jet
Classification	Color Duplex MFPs Under \$500		



Part of Lexmark's September 2009 introduction of its Professional series of color ink-jet MFPs for SMB, the Prevail Pro705 is based on the Platinum Pro905, but lacks that system's Web-connected touch screen and SmartSolutions applications. Price is also lower at \$199. Standard functionality consists of color copy, print, and scan, and Super Group 3 fax. Wireless and wired network connectivity are provided.



Specifications

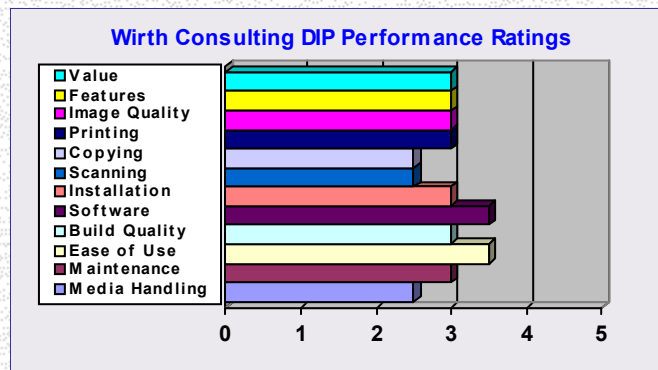
Monthly Duty Cycle	10,000	Max Media Width (inches)	8.5	215.90 mm	Price	\$199.00	€142.56
BW/Color Print Speed (PPM)	33/30	Max Media Length (inches)	14.0	355.60 mm	Duplex	\$0.00	€0.00
Max. Print Resolution (DPI)	4800x1200	Max Media Wt. (bond, lbs.)	N/A	N/A gsm	Print	\$0.00	€0.00
Standard Memory (MB)	64.00	Height (inches)	9.83	249.68 mm	Network	\$0.00	€0.00
Std Media Capacity (sheets)	150	Width (inches)	18.31	465.07 mm	Scan	\$0.00	€0.00
Max Media Capacity (sheets)	150	Depth (inches)	15.42	391.67 mm	Doc Feeder	\$0.00	€0.00
Power Consumption (watts)	N/A	Weight (pounds)	20.40	9.25 kg	Full System	\$199.00	€142.56

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	Ease of Use
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input checked="" 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 checked="" type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input checked="" 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 type="checkbox"/>	All-in-One Toner Cartridge <input type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input 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	3.0
Features	3.0
Image Quality	3.0
Printing	3.0
Copying	2.5
Scanning	2.5



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

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

Overall Score	35.5	Copier Score	26.5	Printer Score	30.5	Scanner Score	24.5	Usability Score	16.0
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Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$24.99	Magenta Ink/Toner Yield (pages)	600	Maintenance Kit Price	
Black Ink/Toner Yield	510	Yellow Ink/Toner Price	\$17.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$17.99	Yellow Ink/Toner Yield	600	Other Type	
Cyan Ink/Toner Yield	600	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$17.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		\$0.0490	Color Consumables Cost per Page		\$0.1390

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	\$0.115	\$0.205	50 pages	\$346.00	\$615.85	\$431.59
100 pages	\$0.082	\$0.172	100 pages	\$493.00	\$1,032.70	\$666.17
250 pages	\$0.062	\$0.152	250 pages	\$934.00	\$2,283.25	\$1,369.91
500 pages	\$0.056	\$0.146	500 pages	\$1,669.00	\$2,283.25	\$1,855.01
1,000 pages	\$0.052	\$0.142	1,000 pages	\$3,139.00	\$8,536.00	\$4,888.62
2,000 pages	\$0.051	\$0.141	2,000 pages	\$6,079.00	\$16,873.00	\$9,580.23
3,000 pages	\$0.050	\$0.140	3,000 pages	\$9,019.00	\$25,210.00	\$14,271.84
4,000 pages	\$0.050	\$0.140	4,000 pages	\$11,959.00	\$33,547.00	\$18,963.45
5,000 pages	\$0.050	\$0.140	5,000 pages	\$14,899.00	\$41,884.00	\$23,655.06

Wirth Consulting Commentary

Strengths

- Five-year warranty;
- 50-sheet simplex automatic document feeder.
- 802.11b/g/n wireless and 10/100Base-TX Ethernet wired network connectivity. Color scan to e-mail.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.
- Borderless printing from 3.5"x5" to 8.5"x14".
- Scan and import business-card contact information into a Microsoft Windows contact-management program.

Limitations

- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Relatively high B/W consumables' cost per page and B/W Total Cost of Ownership.

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page calculated using 100XL High Yield Return Program Ink Cartridges.

Best Use

For small offices and home offices that require color print and copy, and who may also require color scan, and fax.