

Wirth Consulting

B2B Digital Imaging Product Evaluation

Friday, October 30, 2009 12:47:04 PM

WYSK

"What You Should Know"

Make	Lexmark	Model	Prestige Pro805
Functions	Print/Copy/Scan	Imaging Technology	Ink-Jet
Classification	Color Duplex MFPs Under \$500		



As part of its Professional series introduced in September 2009, the Prestige Pro805 is virtually the same as the Platinum Pro905, but without Super Group 3 walkup fax and a second paper drawer. Price is also lower at \$299 versus \$399. Standard functionality includes color print, copy and scan. Wireless and wired network connectivity are provided, and the system features Lexmark's Web-connected touch screen and SmartSolutions applications.



Specifications

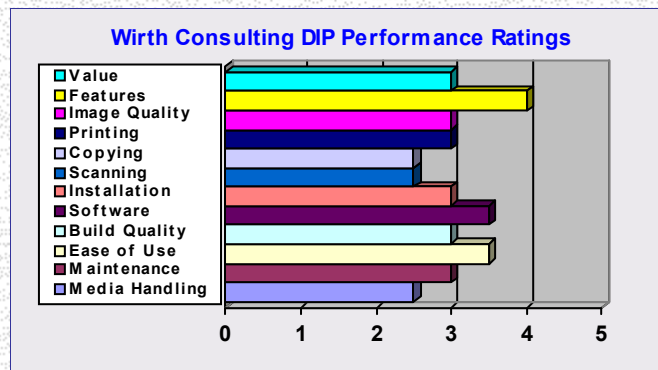
Monthly Duty Cycle	10,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$299.00	€214.20
BW/Color Print Speed (PPM)	33/30	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$0.00	€0.00
Max. Print Resolution (DPI)	4800x1200	Max Media Wt. (bond, lbs.)				Print	\$0.00	€0.00
Standard Memory (MB)	64.00	Height (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)		Weight (pounds)	19.95	9.05	kg	Full System	\$299.00	€214.20

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 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 checked="" type="checkbox"/>
Image Quality	Linux <input checked="" 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 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	4.0
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	36.5	Copier Score	27.5	Printer Score	31.5	Scanner Score	25.5	Usability Score	16.0
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Classification **Color Duplex MFPs Under \$500**

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

Black Ink/Toner Price	\$4.99	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		\$0.0098		Color Consumables Cost per Page	
				\$0.0997	

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	\$0.109	\$0.199	50 pages	\$328.35	\$598.20	\$414.12
100 pages	\$0.060	\$0.150	100 pages	\$357.71	\$897.41	\$532.23
250 pages	\$0.030	\$0.120	250 pages	\$445.76	\$1,795.01	\$886.56
500 pages	\$0.020	\$0.110	500 pages	\$592.53	\$1,795.01	\$983.42
1,000 pages	\$0.015	\$0.105	1,000 pages	\$886.06	\$6,283.06	\$2,658.21
2,000 pages	\$0.012	\$0.102	2,000 pages	\$1,473.12	\$12,267.12	\$5,020.41
3,000 pages	\$0.011	\$0.101	3,000 pages	\$2,060.18	\$18,251.18	\$7,382.60
4,000 pages	\$0.011	\$0.101	4,000 pages	\$2,647.24	\$24,235.24	\$9,744.80
5,000 pages	\$0.011	\$0.101	5,000 pages	\$3,234.29	\$30,219.29	\$12,107.00

Wirth Consulting Commentary

Strengths

- Five-year warranty; simplex 50-sheet automatic document feeder. Low black consumables' cost per page.
- 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.
- Touch-screen applications, called SmartSolutions, may be downloaded from Lexmark.com: business-card scan (scans business cards and enters contact information into a Windows contact-management systems); create a touch-screen key for frequently used copy settings; PhotoBucket Viewer (access, display and print photos stored on PhotoBucket.com); access and print a Windows file), etc.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.

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 based on 100XLCYM Ink Cartridges, and 105XL Black High Yield Return Program Ink Cartridge.

Best Use

For small offices and home offices that require color print, copy and scan, but do not require fax. It will also be appropriate for users that would benefit from access to the Web applications for quickly downloading and printing photos stored on PhotoBucket.com, Google maps, etc., such as a real-estate agent.