

Wirth Consulting

B2B Digital Imaging Product Evaluation

Tuesday, October 20, 2009 2:31:59 PM

WYSK

"What You Should Know"

Make	Lexmark	Model	Intuition S505
Functions	Print/Copy/Scan/Fax	Imaging Technology	Ink-Jet
Classification Color Duplex MFPs Under \$500			



The Intuition S505, which Lexmark introduced in September 2009, is similar to the Interact S605, but lacks Lexmark's Web-connected touch screen and SmartSolutions applications. As with the Interact S605, it's designed primarily for home offices. Color print, copy and scan are standard, as is Super Group 3 walkup fax, but there is no document feeder. However, it's one of the lowest priced systems in this series at \$149.



Specifications

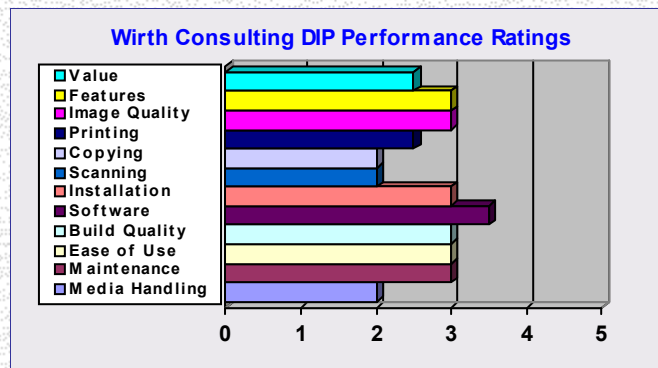
Monthly Duty Cycle	5000	Max Media Width (inches)	8.5	215.90	mm	Price	\$149.00	€106.74
BW/Color Print Speed (PPM)	33/30	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$0.00	€0.00
Max. Print Resolution (DPI)	4800x1200	Max Media Wt. (bond, lbs.)	N/A	N/A	gsm	Print	\$0.00	€0.00
Standard Memory (MB)	64.00	Height (inches)	6.91	175.51	mm	Network	\$0.00	€0.00
Std Media Capacity (sheets)	100	Width (inches)	18.31	465.07	mm	Scan	\$0.00	€0.00
Max Media Capacity (sheets)	100	Depth (inches)	14.90	378.46	mm	Doc Feeder		
Power Consumption (watts)	N/A	Weight (pounds)	11.80	5.35	kg	Full System	\$149.00	€106.74

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	2.5
Features	3.0
Image Quality	3.0
Printing	2.5
Copying	2.0
Scanning	2.0



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

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

Overall Score	32.5	Copier Score	24.5	Printer Score	28.5	Scanner Score	23.0	Usability Score	15.5
----------------------	-------------	---------------------	-------------	----------------------	-------------	----------------------	-------------	------------------------	-------------

Wirth Consulting

B2B Digital Imaging Product Evaluation

Tuesday, October 20, 2009 2:32:00 PM

WYSK

"What You Should Know"

Make **Lexmark**

Model **Intuition S505**

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	\$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	\$0.099	\$0.189	50 pages	\$296.00	\$565.85	\$382.09
100 pages	\$0.074	\$0.164	100 pages	\$443.00	\$982.70	\$616.67
250 pages	\$0.059	\$0.149	250 pages	\$884.00	\$2,233.25	\$1,320.41
500 pages	\$0.054	\$0.144	500 pages	\$1,619.00	\$2,233.25	\$1,805.51
1,000 pages	\$0.051	\$0.141	1,000 pages	\$3,089.00	\$8,486.00	\$4,839.12
2,000 pages	\$0.050	\$0.140	2,000 pages	\$6,029.00	\$16,823.00	\$9,530.73
3,000 pages	\$0.050	\$0.140	3,000 pages	\$8,969.00	\$25,160.00	\$14,222.34
4,000 pages	\$0.050	\$0.140	4,000 pages	\$11,909.00	\$33,497.00	\$18,913.95
5,000 pages	\$0.049	\$0.139	5,000 pages	\$14,849.00	\$41,834.00	\$23,605.56

Wirth Consulting Commentary

Strengths

- Three-year warranty.
- 802.11b/g/n wireless 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".

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 cost per page.
- No document feeder (platen scan and copy only).

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 light workflow volumes in homes offices that require color print and copy, and who may also require color scan, and fax. With borderless printing and a PictBridge port, it's also appropriate for personal photo printing.