

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 3:54:39 PM

# WYSK

"What You Should Know"



<b>Make</b>	Lexmark International	<b>Model</b>	X945E
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Laser
<b>Classification</b>	Color MFPs From \$5,000 And Up		

This fully loaded color MFP is rated at up 45 (B&W)/40 (color) ppm and boasts a 1.25 GHz CPU. It features Lexmark's Embedded Solutions Framework, which enables customer to create embedded workflow solutions that can be accessed from the device (for instance, for processing documents with optical recognition software, automatically routing documents, etc.). A large color touch screen makes it very easy to use. Its fast print speeds, duty cycle and standard 3,140-sheet paper capacity make it suitable for mid- to high print volumes in the office.



## Specifications

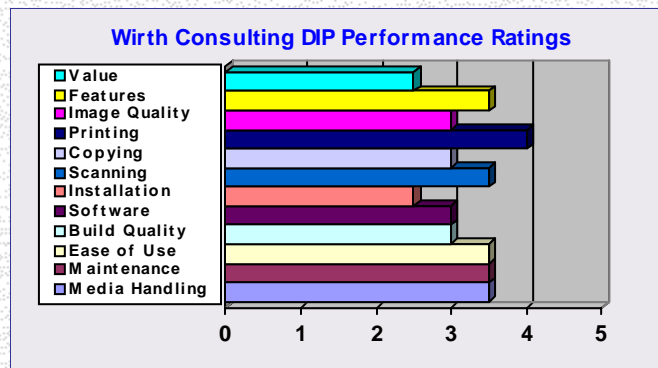
Monthly Duty Cycle	200,000	Max Media Width (inches)	11.0	279.4	mm	Price	\$18,999.00	€13,641.28
BW/Color Print Speed (PPM)	45/40	Max Media Length (inches)	17.0	431.8	mm	Duplex		
Max. Print Resolution (DPI)	2,400	Max Media Wt. (bond, lbs.)	58.0	195.8	gsm	Print		
Standard Memory (MB)	512.00	Height (inches)	45.0	1,143.0	mm	Network		
Std Media Capacity (sheets)	3,140	Width (inches)	26.0	660.4	mm	Scan		
Max Media Capacity (sheets)	3,140	Depth (inches)	32.0	812.8	mm	Doc Feeder		
Power Consumption (watts)		Weight (pounds)	383.0	173.7	kg	Full System	\$18,999.00	€13,641.28

## Feature Checklist

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

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

Value	2.5
Features	3.5
Image Quality	3.0
Printing	4.0
Copying	3.0
Scanning	3.5



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

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

Overall Score	38.5	Copier Score	28.0	Printer Score	32.0	Scanner Score	24.5	Usability Score	15.5
---------------	------	--------------	------	---------------	------	---------------	------	-----------------	------

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 3:54:40 PM

# WYSK

"What You Should Know"

Make **Lexmark International** Model **X945E**

Classification **Color MFPs From \$5,000 And Up**

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

Black Ink/Toner Price	\$163.00	Magenta Ink/Toner Yield (pages)	12,000	Maintenance Kit Price	
Black Ink/Toner Yield	36,000	Yellow Ink/Toner Price	\$413.70	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$413.70	Yellow Ink/Toner Yield	12,000	Other Type	CYMK Drums
Cyan Ink/Toner Yield	12,000	Multicolor Ink Price		Other Price	\$1,188.00
Magenta Ink/Toner Price	\$413.70	Multicolor Ink Yield		Other Yield	182,000
Black Consumables Cost per Page		<b>\$0.0111</b>		Color Consumables Cost per Page	
				<b>\$0.1145</b>	

### 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	\$6.344	\$6.447	50 pages	\$19,032.17	\$19,342.44	\$18,944.23
100 pages	\$3.178	\$3.281	100 pages	\$19,065.33	\$19,685.88	\$19,079.46
250 pages	\$1.278	\$1.381	250 pages	\$19,164.83	\$20,716.20	\$19,485.13
500 pages	\$0.644	\$0.748	500 pages	\$19,330.66	\$20,716.20	\$19,594.58
1,000 pages	\$0.328	\$0.431	1,000 pages	\$19,662.32	\$25,867.82	\$21,513.51
2,000 pages	\$0.169	\$0.273	2,000 pages	\$20,325.63	\$32,736.63	\$24,218.00
3,000 pages	\$0.117	\$0.220	3,000 pages	\$20,988.95	\$39,605.45	\$26,922.50
4,000 pages	\$0.090	\$0.194	4,000 pages	\$21,652.26	\$46,474.26	\$29,627.00
5,000 pages	\$0.074	\$0.178	5,000 pages	\$22,315.58	\$53,343.08	\$32,331.49

### Wirth Consulting Commentary

#### Strengths

- Low B&W consumables' cost per page of 1.1 cents.
- 1.25 GHz CPU and standard Gigabit Ethernet network interface.
- 512 MB memory expandable to 1,024 MB.
- Optional 3,500-sheet stapler/sorter and booklet finisher.
- Extensive security: SSL Enabled Web Server, SNMP v3, TCP/IP port-access control, encrypted and authenticated network management, IPSec, hard-drive encryption.
- Print on up to 120 lb. index and on up to 11"x17".
- Scan to and print from USB flash memory cards.
- Large color touch screen; preview scanned images on touch screen.
- Lexmark Universal print driver for printing to over 100 supported printers with a single print driver.
- Color Care enables administrators to limit color printing and copying; this can help minimize system's higher color consumables' cost per page.

#### Limitations

Wirth Consulting has determined that this device does not have any notable limitations and should provide good functionality.

#### Best Use

For B&W text printing and color printing in small/mid-size businesses and workgroups, as well as in enterprises, and where copy, scan and fax is needed. Best for Lexmark shops, and for printing more B&W than color because of its relatively higher color consumables' cost per page.