

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Monday, October 05, 2009 3:10:21 PM

# WYSK

"What You Should Know"

<b>Make</b>	Canon	<b>Model</b>	imageCLASS MF4350d
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Laser
<b>Classification</b>	B/W Duplex MFPs Under \$500		

The imageCLASS MF4350d provides local Microsoft Windows GDI printing, scanning, copying and Super Group 3 walkup fax. A wireless print server is optional (\$99.99). Canon provides software for organizing and managing scanned files and for optical character recognition (OCR), the latter of which enables users to convert scanned files into "editable" text.



## Specifications

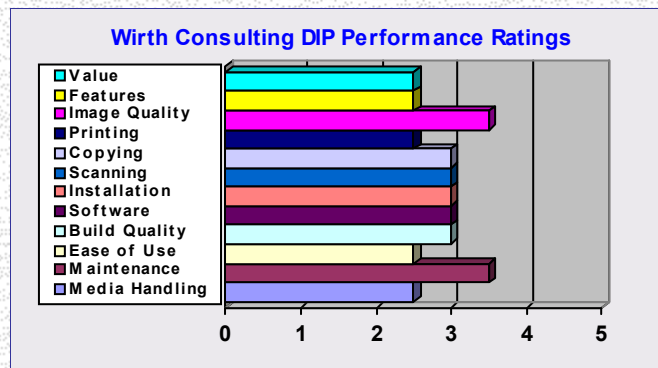
Monthly Duty Cycle	7,500	Max Media Width (inches)	8.5	215.90	mm	Price	\$249.00	€178.38
BW/Color Print Speed (PPM)	23	Max Media Length (inches)	14.0	355.60	mm	Duplex		
Max. Print Resolution (DPI)	1200x600	Max Media Wt. (bond, lbs.)	43.0	145.13	gsm	Print		
Standard Memory (MB)		Height (inches)	17.90	454.66	mm	Network		
Std Media Capacity (sheets)	251	Width (inches)	15.40	391.16	mm	Scan		
Max Media Capacity (sheets)	251	Depth (inches)	21.00	533.40	mm	Doc Feeder		
Power Consumption (watts)	630	Weight (pounds)	27.60	12.52	kg	Full System	<b>\$249.00</b>	<b>€178.38</b>

## Feature Checklist

<b>Value Add</b>	<b>Print</b>	<b>Scan</b>	<b>Copy</b>
USB Convenience Port <input 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 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 type="checkbox"/>
<b>Image Quality</b>	Linux <input 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"/>	<b>Media Handling</b>	<b>Maintenance</b>
Color Office IQ <input type="checkbox"/>	PCL <input type="checkbox"/>	Feeds Index Stock <input type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	<b>Finishing</b>
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	<b>2.5</b>
Features	<b>2.5</b>
Image Quality	<b>3.5</b>
Printing	<b>2.5</b>
Copying	<b>3.0</b>
Scanning	<b>3.0</b>



<b>3.0</b>	Installation
<b>3.0</b>	Software
<b>3.0</b>	Build Quality
<b>2.5</b>	Ease of Use
<b>3.5</b>	Maintenance
<b>2.5</b>	Media Handling

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

<b>Overall Score</b>	<b>34.5</b>	<b>Copier Score</b>	<b>26.0</b>	<b>Printer Score</b>	<b>28.5</b>	<b>Scanner Score</b>	<b>23.0</b>	<b>Usability Score</b>	<b>15.0</b>
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Model **imageCLASS MF4350d**

Classification **B/W 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	<input type="text" value="\$75.00"/>	Magenta Ink/Toner Yield (pages)	<input type="text"/>	Maintenance Kit Price	<input type="text"/>
Black Ink/Toner Yield	<input type="text" value="2,000"/>	Yellow Ink/Toner Price	<input type="text"/>	Maintenance Kit Yield	<input type="text"/>
Cyan Ink/Toner Price	<input type="text"/>	Yellow Ink/Toner Yield	<input type="text"/>	Other Type	<input type="text"/>
Cyan Ink/Toner Yield	<input type="text"/>	Multicolor Ink Price	<input type="text"/>	Other Price	<input type="text"/>
Magenta Ink/Toner Price	<input type="text"/>	Multicolor Ink Yield	<input type="text"/>	Other Yield	<input type="text"/>
Black Consumables Cost per Page		<input type="text" value="\$0.0375"/>	Color Consumables Cost per Page		<input type="text"/>

## 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	<b>\$0.121</b>		50 pages	<b>\$361.50</b>		
100 pages	<b>\$0.079</b>		100 pages	<b>\$474.00</b>		
250 pages	<b>\$0.054</b>		250 pages	<b>\$811.50</b>		
500 pages	<b>\$0.046</b>		500 pages	<b>\$1,374.00</b>		
1,000 pages	<b>\$0.042</b>		1,000 pages	<b>\$2,499.00</b>		
2,000 pages	<b>\$0.040</b>		2,000 pages	<b>\$4,749.00</b>		
3,000 pages	<b>\$0.039</b>		3,000 pages	<b>\$6,999.00</b>		
4,000 pages	<b>\$0.039</b>		4,000 pages	<b>\$9,249.00</b>		
5,000 pages	<b>\$0.038</b>		5,000 pages	<b>\$11,499.00</b>		

## Wirth Consulting Commentary

### Strengths

- 35-sheet duplexing automatic document feeder.
- ScanSoft OmniPage SE and Presto! PageManager for OCR and for managing and organized scanned files.
- Optional wireless print server (\$99.99).
- NetSPOT Device Installer for device installation, and Remote UI (User Interface) for network management when equipped with wireless print server.
- All-in-one toner cartridge (no separate drum to replace).
- Super Group 3 fax and PC fax.

### Limitations

- Utilizes Microsoft Windows GDI printing: 1) system utilizes the host computer workstation's processing power to process jobs), 2) PCL and PostScript print drivers not available.
- Relatively high consumables' cost per page and TCO (Total Cost of Ownership).

### Notes

- Compatible with Apple Macintosh systems for printing and PC fax only (not scanning).

### Best Use

For personal use in small or home offices directly connected to the user's computer workstation, or for shared use in small offices when equipped with the optional wireless print server, for print, copy, scan and fax.