

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Tuesday, October 20, 2009 2:35:30 PM

# WYSK

"What You Should Know"

<b>Make</b>	Ricoh	<b>Model</b>	GX3000S
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Ink-Jet
<b>Classification</b> Color Duplex MFPs Under \$500			

**Well Worth Consideration!**

The GX3000S uses piezo ink-jet color printing, and is one of the few ink-jet MFPs in this segment that incorporates a duplexing automatic document feeder. Also provided are color copy, print and scan; fax is available with the GX3000SF and GX3050SFN. Ethernet network connectivity is optional (\$106.99). The GX3000S features among the highest maximum paper capacities (850 sheets) in this segment, and can print on heavyweight paper (up to 68 lb. bond, or 140 lb. index stock) via an optional bypass tray (\$139).



## Specifications

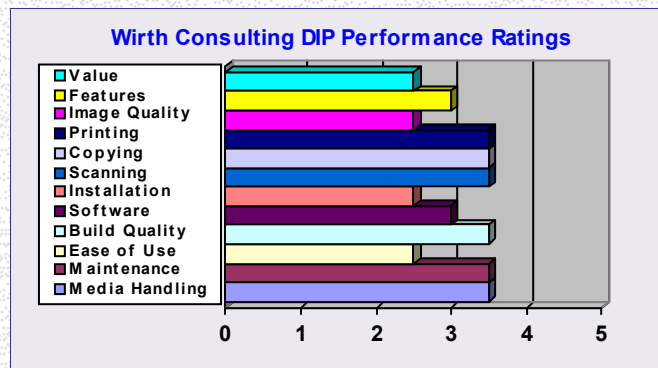
Monthly Duty Cycle		Max Media Width (inches)	8.5	215.90	mm	Price	\$493.00	€353.19
BW/Color Print Speed (PPM)	29/29	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$0.00	€0.00
Max. Print Resolution (DPI)	1200x1200	Max Media Wt. (bond, lbs.)	68.0	229.50	gsm	Print	\$0.00	€0.00
Standard Memory (MB)	32.00	Height (inches)	14.40	365.76	mm	Network	\$106.99	€76.65
Std Media Capacity (sheets)	250	Width (inches)	17.10	434.34	mm	Scan	\$0.00	€0.00
Max Media Capacity (sheets)	850	Depth (inches)	19.30	490.22	mm	Doc Feeder	\$0.00	€0.00
Power Consumption (watts)	50	Weight (pounds)	45.20	20.50	kg	Full System	<b>\$599.99</b>	<b>€429.83</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 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 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"/>	<b>Media Handling</b>	<b>Maintenance</b>
Color Office IQ <input checked="" type="checkbox"/>	PCL <input type="checkbox"/>	Feeds Index Stock <input checked="" 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"/>	<b>Finishing</b>
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input checked="" 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>3.0</b>
Image Quality	<b>2.5</b>
Printing	<b>3.5</b>
Copying	<b>3.5</b>
Scanning	<b>3.5</b>



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

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

<b>Overall Score</b>	<b>37.0</b>	<b>Copier Score</b>	<b>27.0</b>	<b>Printer Score</b>	<b>30.0</b>	<b>Scanner Score</b>	<b>23.0</b>	<b>Usability Score</b>	<b>15.0</b>
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Make **Ricoh**

Model **GX3000S**

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	\$32.99	Magenta Ink/Toner Yield (pages)	1,000	Maintenance Kit Price	
Black Ink/Toner Yield	1,500	Yellow Ink/Toner Price	\$35.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$35.99	Yellow Ink/Toner Yield	1,000	Other Type	Ink Collector Unit
Cyan Ink/Toner Yield	1,000	Multicolor Ink Price		Other Price	\$22.99
Magenta Ink/Toner Price	\$35.99	Multicolor Ink Yield		Other Yield	18,000
Black Consumables Cost per Page		<b>\$0.0233</b>	Color Consumables Cost per Page		<b>\$0.1312</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	<b>\$0.188</b>	<b>\$0.296</b>	50 pages	<b>\$562.81</b>	<b>\$886.72</b>	<b>\$664.07</b>
100 pages	<b>\$0.105</b>	<b>\$0.213</b>	100 pages	<b>\$632.62</b>	<b>\$1,280.44</b>	<b>\$840.08</b>
250 pages	<b>\$0.056</b>	<b>\$0.164</b>	250 pages	<b>\$842.06</b>	<b>\$2,461.61</b>	<b>\$1,368.09</b>
500 pages	<b>\$0.040</b>	<b>\$0.148</b>	500 pages	<b>\$1,191.12</b>	<b>\$2,461.61</b>	<b>\$1,598.47</b>
1,000 pages	<b>\$0.031</b>	<b>\$0.139</b>	1,000 pages	<b>\$1,889.23</b>	<b>\$8,367.43</b>	<b>\$4,008.15</b>
2,000 pages	<b>\$0.027</b>	<b>\$0.135</b>	2,000 pages	<b>\$3,285.47</b>	<b>\$16,241.87</b>	<b>\$7,528.22</b>
3,000 pages	<b>\$0.026</b>	<b>\$0.134</b>	3,000 pages	<b>\$4,681.70</b>	<b>\$24,116.30</b>	<b>\$11,048.30</b>
4,000 pages	<b>\$0.025</b>	<b>\$0.133</b>	4,000 pages	<b>\$6,077.93</b>	<b>\$31,990.73</b>	<b>\$14,568.38</b>
5,000 pages	<b>\$0.025</b>	<b>\$0.133</b>	5,000 pages	<b>\$7,474.17</b>	<b>\$39,865.17</b>	<b>\$18,088.46</b>

## Wirth Consulting Commentary

### Strengths

- Print on heavyweight media stock--up to 68 lb. bond (approximately 140 lb. index) via optional 100-sheet bypass tray. Standard paper drawer accepts up to 42 lb. bond.
- Color scan to e-mail (with LDAP support) and FTP sites, as well as TWAIN scan driver; and DeskTopBinder V2 Lite for document management.
- 30-sheet duplexing automatic document feeder; 400 MHz CPU.
- SmartDeviceMonitor for Admin network-management, and SmartDeviceMonitor for Clients.
- TWAIN scan driver; PC fax; DeskTopBinder V2 Lite for document management.
- Level Color Mode reduces ink density up to 65% without affecting text readability (conserves ink usage).
- Optional 500-sheet paper drawer and Super Group 3 fax.

### 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).
- Local printing in standard configuration; network connectivity (10/100Base-TX Ethernet) is optional.

### Notes

- Online Web pricing for the GX3000S ranges from approximately \$365 to \$493. Pricing for ink cartridges and options is also approximate online Web pricing.

### Best Use

For small offices and home offices with color print and copy workloads, and who may also require color scan. Optional Ethernet network interface must be added for network connectivity and sharing.