Cost-per-Print: *Hong Kong cents –*

HP Officejet Pro K550 color inkjet *vs.* Konica-Minolta magicolor 2400W

Color Directions

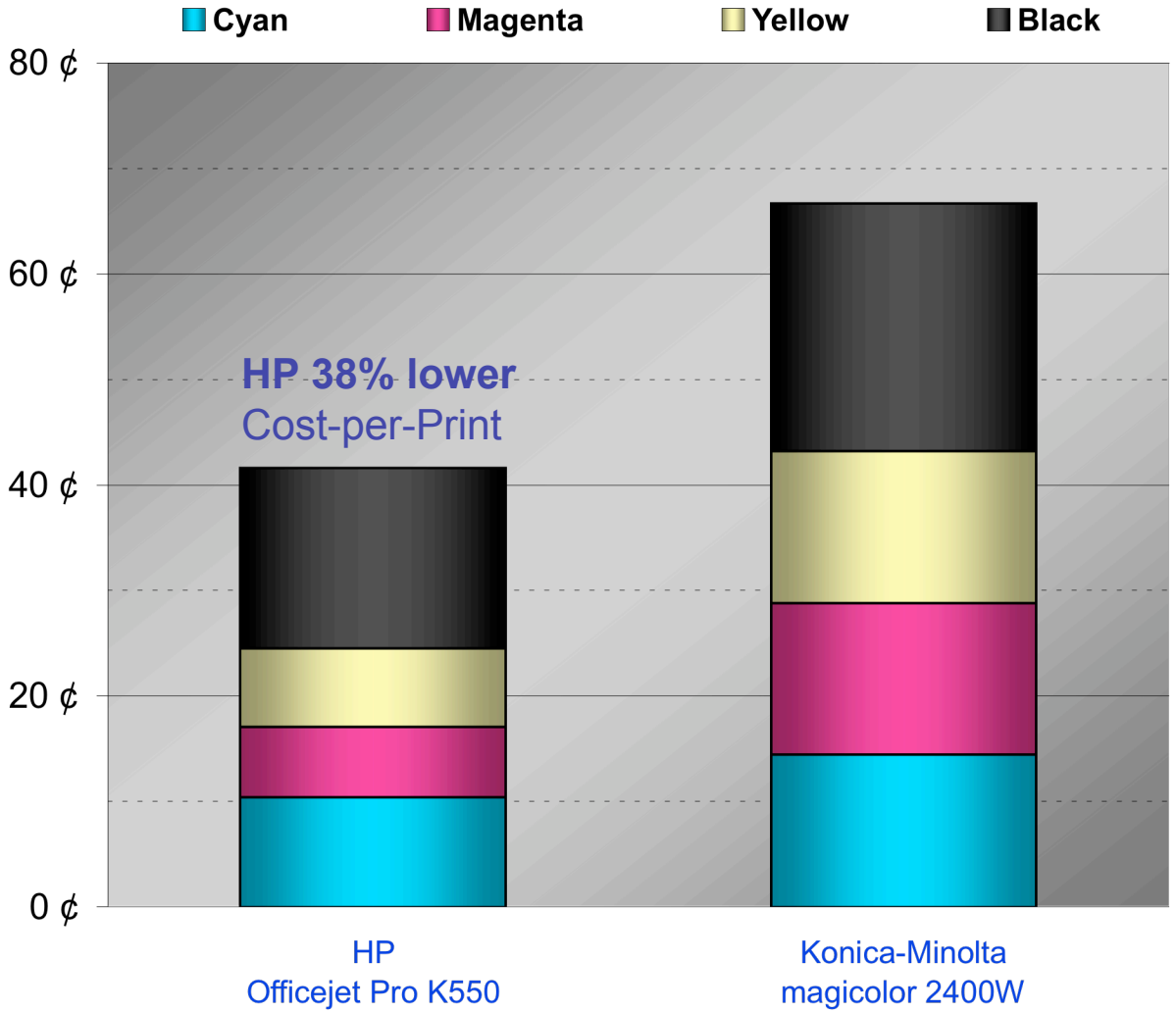
Color from concept to market and beyond...

Color Printers:
Evaluating the New Crop

The Digital World:
A Look at PhotoGen's ColorLab

Understanding Color:
Perception or Reality?

MIXED TEXT & GRAPHICS



Cost-per-Print includes Ink/Toner costs only

HKD pricing (excl. taxes) as of December 2005, per Gateway Computer Supplies Ltd., as supplied by HP
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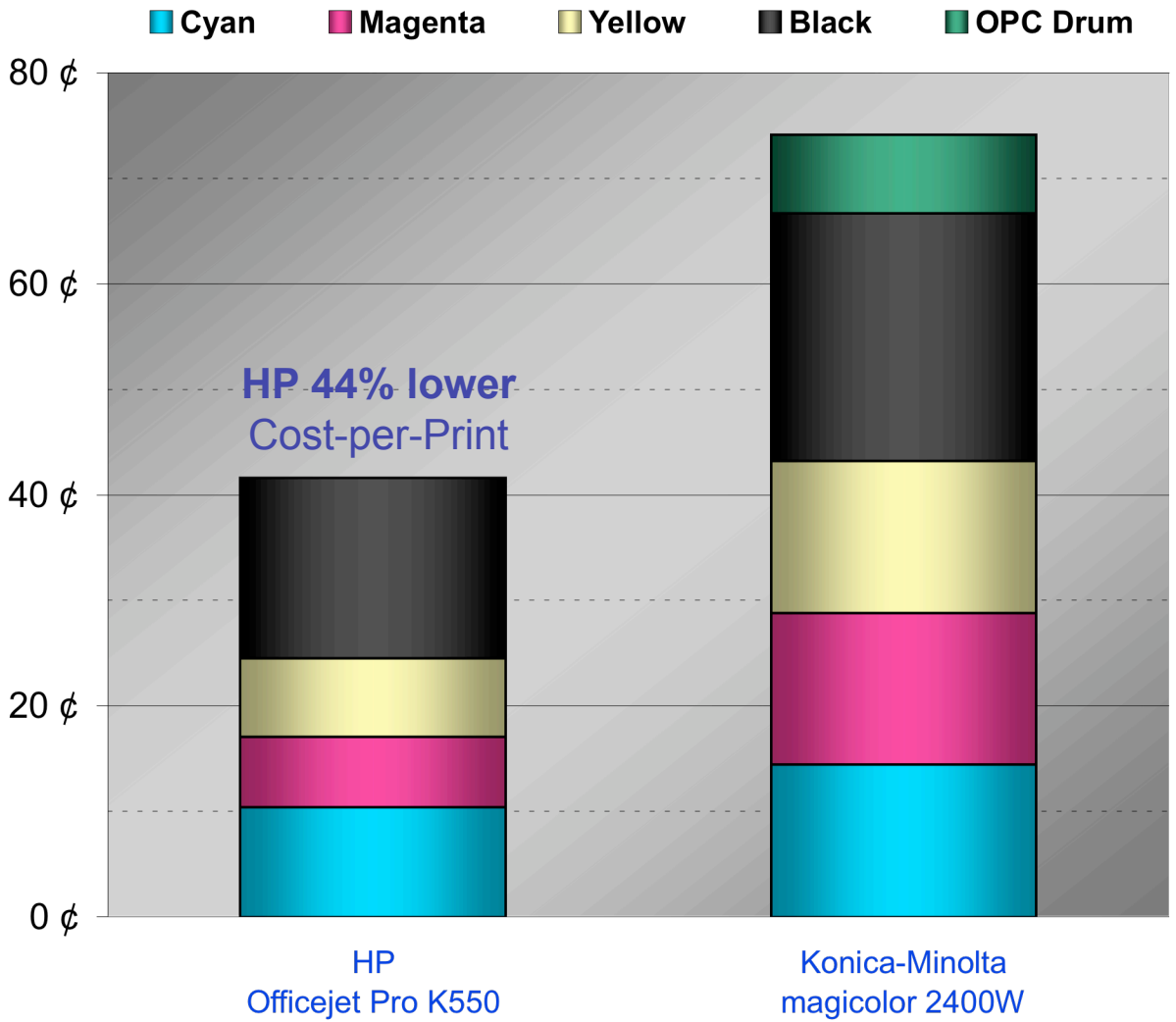

Cost-per-Print includes Ink/Toner and OPC Drum Cartridge costs

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Cost-per-Print Methodology:

HP Officejet Pro K550 color inkjet *vs.* Konica-Minolta magicolor 2400W

- ***Determine Ink Cartridge Yields – the average number of prints-per-cartridge for each cartridge***
  - Test file from the *SpencerLab* Digital Color Laboratory Printer Test Suite
    - Mixed Text & Graphics, *Color Newsletter.* Printed semi-continuously, with stops for paper replenishment, overnight, etc.
  - Cartridges judged to be at "end-of-life" when an out of ink signal is displayed on printer control panel/driver
  - Print Modes: default on plain paper
  - Test high-capacity OEM inks/toner, where available
    - HP #88 Large Black, Cyan, Magenta and Yellow ink cartridges
    - Konica-Minolta magicolor 2400W High-Capacity Black and Cyan, Magenta and Yellow toner cartridges
  - Testing is repeated over multiple cartridges to assure consistency
- ***Calculate ink component cost-per-print***
  - Divide each cartridge cost by the corresponding cartridge yield (average prints-per-cartridge)
- ***Calculate other user-replaceable component pro-rata costs***
  - Konica-Minolta magicolor 2400W contains user-replaceable OPC Drum Cartridge; therefore include drum cost in total Cost-per-Print
  - The HP Officejet Pro K550 printhead is designed for the life of the printer; therefore it is not included in the total Cost-per-Print, though user-replaceable.
- ***Ink/Toner and OPC Drum Cartridge Prices***

Component Costs		CYAN	MAGENTA	YELLOW	BLACK
HP Officejet Pro K550	*Ink*	$169.00	$169.00	$169.00	$236.00
Konica-Minolta magicolor 2400W	*Toner*	$865.00	$865.00	$865.00	$530.00
	OPC	$850.00			

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- ***Sum these component costs to obtain total Cost-per-Print for the test document***

Independent testing by *SpencerLab* Digital Color Laboratory was sponsored by Hewlett-Packard Company 0805