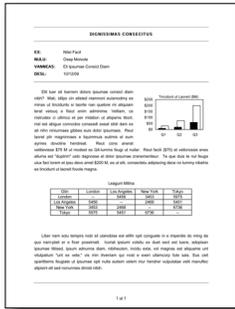
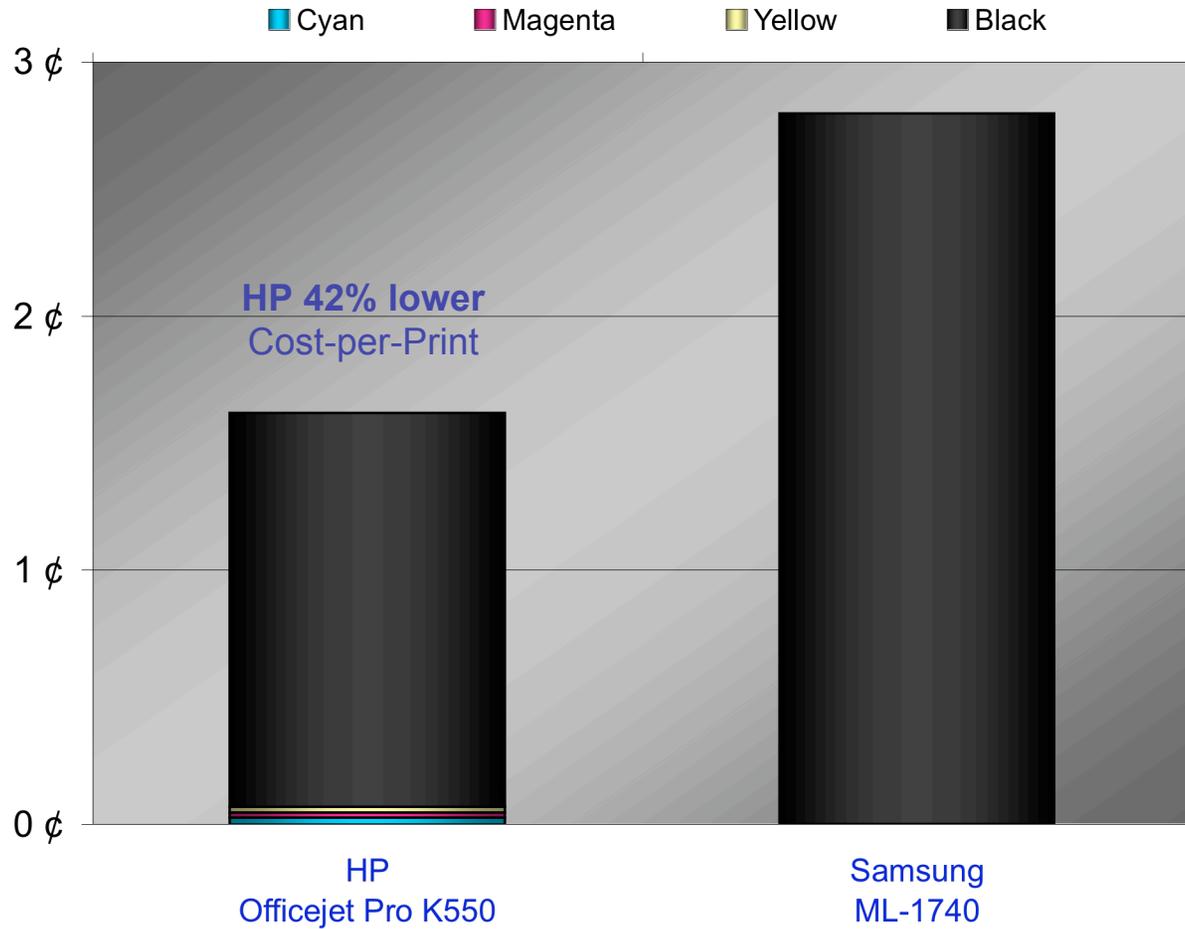


Cost-per-Print: U.S. cents –

HP Officejet Pro K550 color inkjet vs. Samsung ML-1740 monolaser



Monochrome Letter



All testing performed using default driver settings

HP pricing provided by HP (prior to commercial release); Samsung pricing per CurrentAnalysis, 4Aug05



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Cost-per-Print Methodology: HP Officejet Pro K550 color inkjet vs. Samsung ML-1740 monolaser

Cost-per-Print

° Determine Ink/Toner Cartridge Yields – the average number of prints-per-cartridge for each cartridge

- Test file printed semi-continuously, with stops for paper replenishment, overnight etc.
 - Monochrome Letter, HP-provided Dignissimas2
- Cartridges judged to be at “end-of-life” at the earlier of an ‘Ink/Toner Out’ signal on the control panel or when test prints show visible defects attributable to ink/toner supply
 - HP Officejet Pro K550: ‘Ink Out’ signal provided on printer control panel
 - Samsung ML-1740: ‘Toner Out’ signal *not* available on printer; in accordance with the ISO 19752, “end-of-life” occurs at the first visible defect following two iterations of toner redistribution per Samsung user manual
- Print Modes: default on plain paper
- Test high-capacity OEM ink/toner, where available
 - HP #88 ink cartridges
 - Samsung ML-1710D3 toner cartridge only one size available
- Testing is repeated over multiple cartridges to assure consistency

° Calculate ink/toner component cost-per-print

- Divide each cartridge cost by the corresponding cartridge yield (average prints-per-cartridge)

° Ink/Toner Cartridge Prices

INK/CARTRIDGE COST	CYAN	MAGENTA	YELLOW	BLACK
HP Officejet Pro K55 0	\$ 24.99	\$ 24.99	\$ 24.99	\$ 34.99
Samsung ML-174 0	–	–	–	\$ 78.33

HP pricing provided by HP (prior to commercial release); Samsung pricing per Current Analysis, 4Aug05

° 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 Aug05

