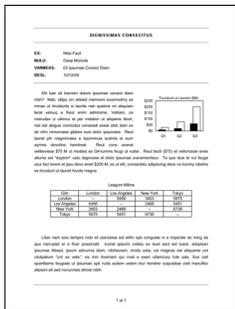
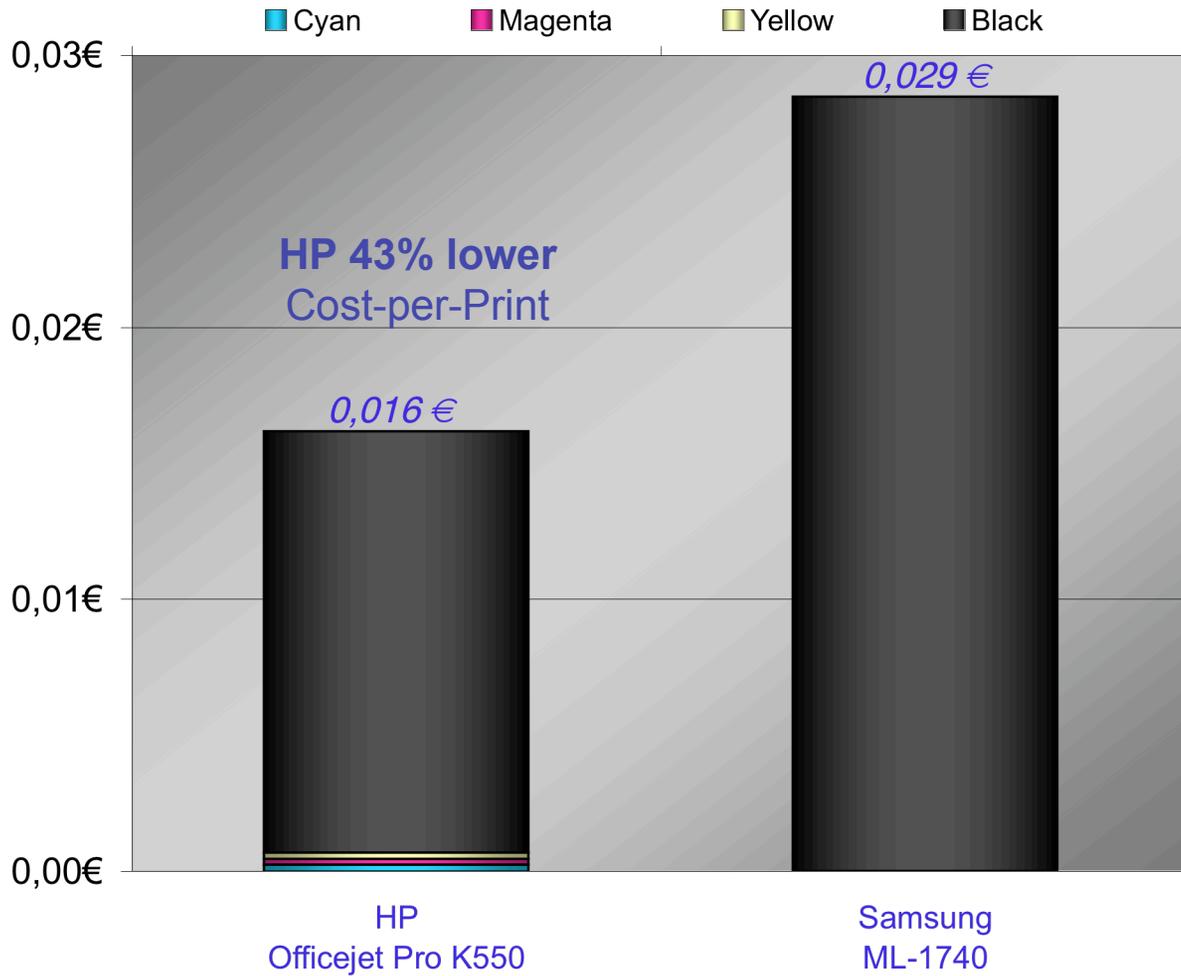


# Cost-per-Print: Euro cents –

# 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 (Test and analysis performed prior to commercial release). Samsung pricing inc. VAT (Germany), as of July 2005 per Context.



# 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

Component Costs	CYAN	MAGENTA	YELLOW	BLACK
HP Officejet Pro K550	€ 24.99	€ 24.99	€ 24.99	€ 34.99
Samsung ML-1740	-	-	-	€ 79.77

HP pricing provided by HP (Test and analysis performed prior to commercial release); Samsung pricing inc. VAT (Germany), as of July 2005 per Context.

### ° 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

