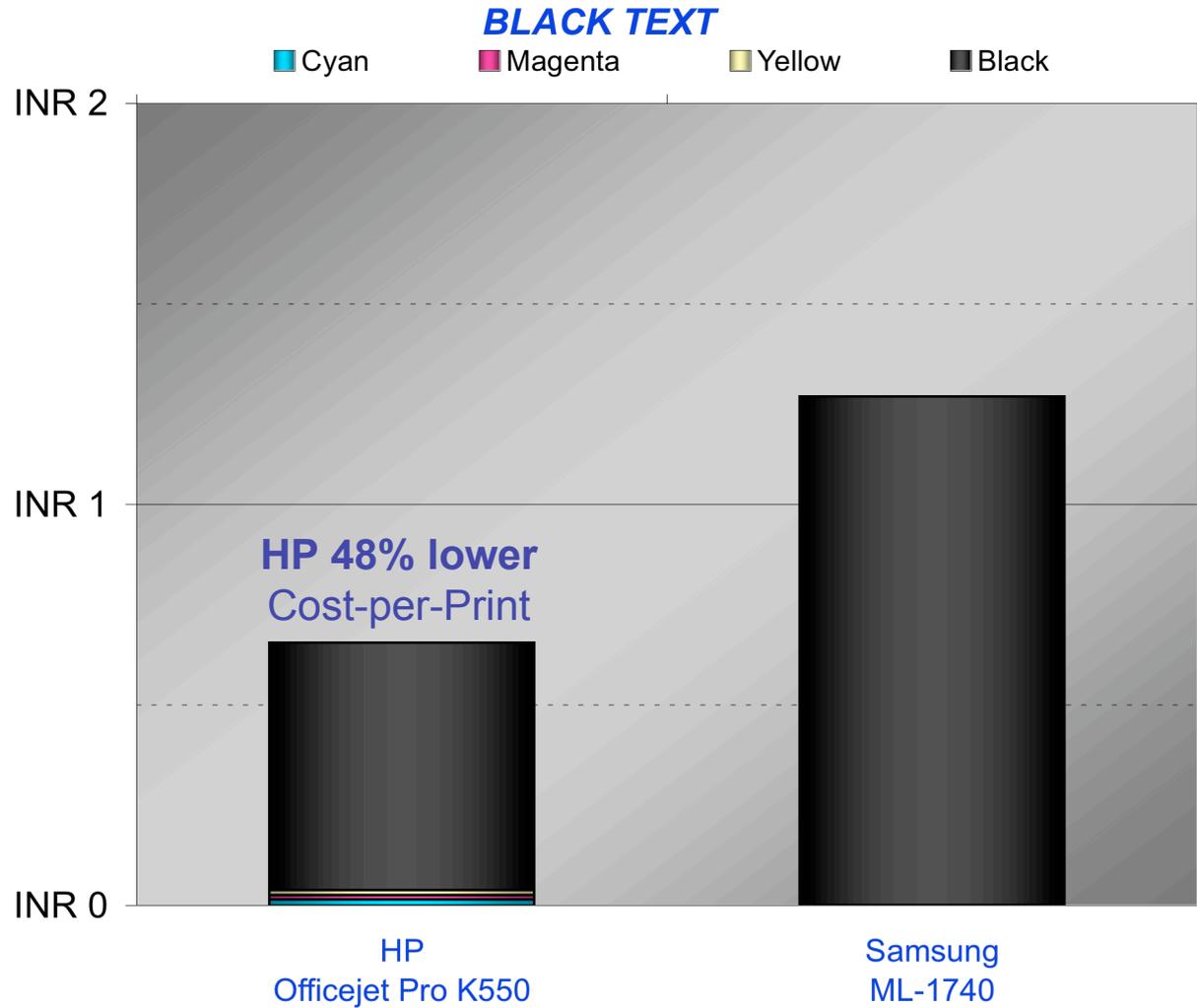
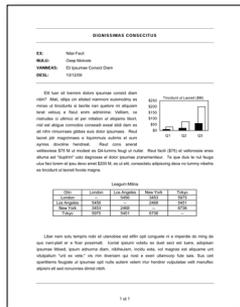


Cost-per-Print: *Indian Rupees* – HP Officejet Pro K550 color inkjet vs. Samsung ML-1740 monolaser

spencerLAB
COST-PER-PRINT TESTED



Cost-per-Print includes Ink/Toner costs only.

INR prices (excl. VAT) as of December 2005, per Modcare Enterprises, as supplied by HP
All testing performed using *default* driver settings



Cost-per-Print

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

- Test files printed semi-continuously, with stops for paper replenishment, overnight etc.
 - Black Text, 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 supply
 - HP Officejet ProK550: ‘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
- 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	Rs.1,394.23	Rs.1,394.23	Rs.1,394.23	Rs.1,394.23
Samsung ML-1740	—	—	—	Rs.3,555.56

INR prices (excl. VAT) as of December 2005, per Modcare Enterprises, as supplied by HP

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

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