







Equipment and results

Ranking	1	2	3	4	5	6
Manufacturer/Name	Kyocera-Mita FS-3800N	Hewlett-Packard Laserjet 4100N	Brother HL-2460N	Xerox Docuprint N2125	Oki Okipage 24 dx/n	Lexmark Optra T620n
						
Website	www.kyocera.co.uk	www.hp.com/uk	www.brother.co.uk	www.xerox.co.uk	www.oki.co.uk	www.lexmark.co.uk
Price (approx.) [£]	900	980	750	990	999	1085

Equipment

Resolution [dpi]	1200 x 1200	1200 x 1200	600 x 600	1200 x 1200	600 x 600	1200 x 1200
Pages per minute (manuf)	24	24	24	21	24	28
Memory (stand/max) [MB]	32 /272	32 /256	16 ² /272	32 / 192	16 /80	32 / 384
Emulations	PS 2, PCL 6, KPD L 2, XL24E, LQ-850, etc.	PS 3, PCL 6, PCL 5e	PS 3,PCL6, FX-850, IBMXL, HPGL	PS 3, PCL 6, PCL 5e	PS 2, PCL 6, Epson FX, IBM Proprinter	PS 3, PCL 6, PPDS
Ports	Parallel, Serial, Ethernet	Parallel, Ethernet	Parallel, Serial, Ethernet, USB	Parallel, Ethernet, USB	Parallel, Serial, Ethernet	Parallel, Serial, Ethernet, USB
Number of paper feeds (stand/opt)	1 / 2	1 / 2	1 / 3	1 / 2	1 / 2	1 / 2
Total capacity of feeds	500 / 2500	500 / 1000	500 / 3500	550 / 1100	530 / 1060	490 / 3000
Duplex/Sorter	optional / optional	optional / no	optional / optional	optional / optional	yes /no	optional / optional
Web interface	yes	yes	yes	yes	yes	yes
Dimensions (W x H x D) [mm]	358 x 301 x 388	395 x 344 x 515	469 x 423 x 469	428 x 406 x 453	375 x 337 x 461	419 x 399 x 493
Weight (measured) [kg]	13.95	19.10	22.45	26.60	22.45	19.50

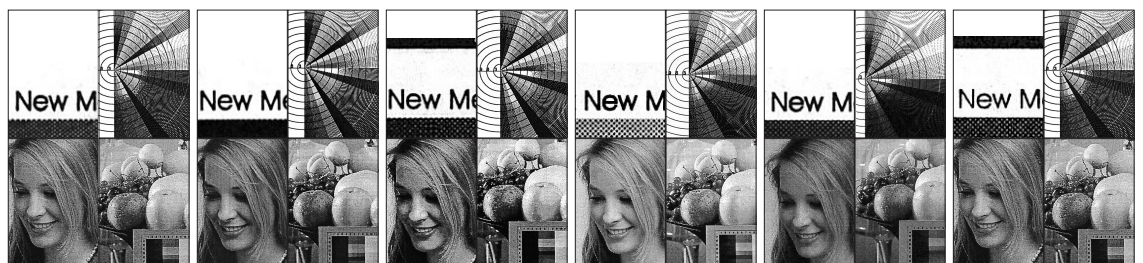
Consumables

Price of toner [£]	70	85	95	130	40	315
Lifetime of toner (manuf)	21,000	10,000	11,000	15,000	6,000	30,000
Drum replaceable separately	yes	-	no	no	no	yes
Lifetime of drum [pages]	300,000 ¹	-	-	-	30,000	-
Price of drum [£]	- ¹	-	-	-	130	-

Measured values







Number of pages at 5%	30,034	14,707	16,594	14,060	4,722	25,645
Cost of printing (Incl. paper) [pence]	0.63	0.98	0.97	1.32	1.45	1.63
DTP Quality ⁴	4.0	5.0	4.0	2.5	2.5	2.5
Graphics quality ⁴	2.0	3.0	2.52	3.0	3.0	3.0
Photo quality ⁴	3.0	3.5	3.52	2.0	4.0	3.5
Area quality ⁴	3.5	5.0	1.5	1.5	4.5	3.0
DTP Speed [secs]	38.4	54.5	55.0	46.2	59.8	36.9
Graphics speed [secs]	418.5	411.8	423.12	422.8	440.2	407.7
Photo speed [secs]	199.5	216.2	222.82	185.4	277.0	119.4

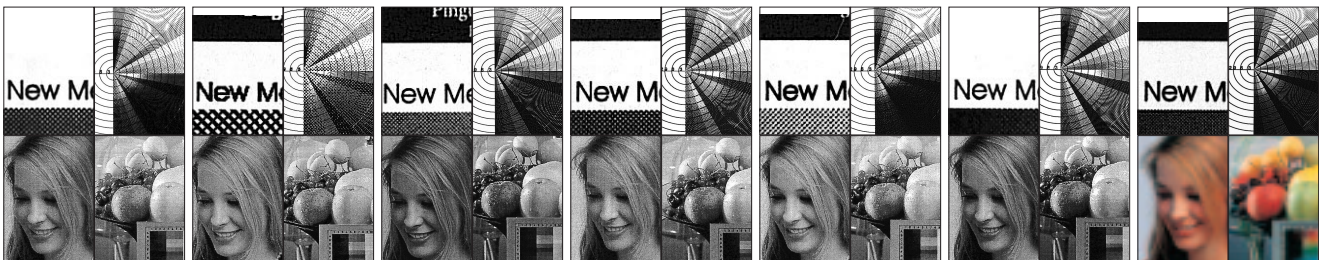
Results



Print quality	satisfactory	satisfactory	satisfactory	good	satisfactory	satisfactory
Print rate	good	satisfactory	satisfactory	satisfactory	satisfactory	good
Cost of printing	very good	satisfactory	good	adequate	satisfactory	poor
Equipment	satisfactory	satisfactory	satisfactory	satisfactory	adequate	satisfactory
Handling	satisfactory	satisfactory	satisfactory	satisfactory	good	adequate
Service	satisfactory	satisfactory	poor	adequate	adequate	satisfactory
Overall rating	good	satisfactory	satisfactory	satisfactory	satisfactory	satisfactory

¹ Lifetime is in excess of depreciation limit (3 years)² Tested with 48MB RAM

7	8	9	10	11	12	(non-official competitor)
Oki Okipage 20 plus/n	Epson EPL-N2050+	Genicom Micro Laser 210	Lexmark Optra M412n	Minolta-QMS Page Pro 4100 GN	Samsung ML-7300N	Minolta-QMS Magi Color 2200 N
						
www.oki.co.uk	www.epson.co.uk	www.genicom-international.com	www.lexmark.co.uk	www.qms.co.uk	www.samsungelectronics.co.uk	www.qms.co.uk
800	580	1028	770	750	800	1395
600 x 600	1200 x 1200	1200 x 1200	600 x 600	600 x 600	1200 x 1200	1200 x 1200
20	20	21	17	18	20	20
16 / 80	16 / 272	16 / 96	8 / 132	8 / 104	16 / 208	64 / 384
PS 2, PCL 6, Epson FX, IBM Proprinter	PCL 6, ESC/P2, HPGL, FX-8800, IBM 239plus	PS 3, PCL 5e	PS 3, PCL 6, PPDS	PS 3, PCL 6, PCL 5e	PS 3, PCL 6,	PS 2, PCL 6, PDF, HP-GL, TIFF, etc.
Parallel, Serial, Ethernet	Parallel, Serial, Ethernet	Parallel, Ethernet, USB	Parallel, Ethernet, USB	Parallel, Ethernet	Parallel, Ethernet	Parallel, Ethernet
1 / 2	1 / 2	1 / 2	1 / 1	1 / 2	1 / 1	1 / 1
530 / 1060	550 / 1100	550 / 1000	220 / 500	250 / 1000	500 / 500	500 / 500
optional / no	optional / optional	optional / optional	optional / no	optional / no	yes / no	optional / optional
yes	yes	yes	yes	yes	no	yes
375 x 377 x 461	428 x 406 x 453	428 x 406 x 453	404 x 315 x 429	435 x 394 x 502	424 x 299 x 455	463 x 511 x 522
20.30	26.70	26.55	14.65	13.45	16.90	44.50
40	130	170	163	120	120	50 (black)
6,000	15,000	15,000	15,000	9,000	10,000	6,000
no	yes	no	no	no	no	no yes
30,000	-	-	-	-	-	25,000 ³
130	-	-	-	-	-	275 ³
4,949	20,356	20,463	11,078	8,404	9,898	10,371
1.42	1.04	1.23	1.87	1.83	1.61	2.02
2.5	5.0	2.5	2.5	2.5	5.0	3.0
3.0	4.0	2.5	3.0	3.0	3.0	2.0
3.5	5.0	2.5	4.0	3.0	4.5	1.5
4.5	3.0	5.0	4.5	1.5	5.0	4.5
64.5	50.8	49.7	51.1	57.1	67.1	131.3
438.3	406.9	456.7	419.0	451.7	465.8	43.9
269.4	222.2	588.6	126.6	299.4	533.8	198.8



satisfactory	adequate	good	satisfactory	satisfactory	adequate	good
adequate	satisfactory	poor	satisfactory	satisfactory	adequate	satisfactory
satisfactory	satisfactory	adequate	poor	poor	poor	satisfactory
adequate	adequate	satisfactory	adequate	poor	adequate	satisfactory
good	satisfactory	satisfactory	adequate	adequate	good	satisfactory
adequate	satisfactory	adequate	satisfactory	satisfactory	adequate	good
satisfactory	satisfactory	satisfactory	adequate	adequate	satisfactory	satisfactory

³ Costs of all consumables averaged over 25,000 pages (drum, fixer, image carrier tape etc.) ⁴ Low value good – High value bad