



hp designjet  
10ps/20ps  
printer

## hp designjet 10ps/20ps printer

**HP Designjet 10ps and 20ps printing systems deliver accurate, consistent colour reproduction and excellent image quality at impressive speeds. Complete printing solutions that meet the graphic designer's demand for superior colour accuracy and image quality.**

**HP meets the needs of freelancers, advertising agencies, graphic design studios and in-house graphic design departments with a choice of a personal solution (HP Designjet 10ps printer) and a workgroup solution (HP Designjet 20ps printer).**

- The superior colour accuracy of the HP Designjet 10ps/20ps printer gives graphic designers the colours they and their customers expect every time. Fewer misunderstandings means shorter turnaround times and higher productivity.
- An automatic closed-loop colour calibration system lets you experience the best colour accuracy available and achieve repeatable, and reliable results, consistent with offset output.
- Six colour printheads, capable of 2400 dpi resolution and 4 picolitre ink drops, reproduce a wide gamut of colours, maintain fine details and smooth tonal transitions for output that emulates offset print quality.

**Superior colour accuracy to ensure you make an impression.**

- Experience unbeatable colour accuracy and repeatable, reliable results from print to print, through an automatic closed-loop colour calibration system.
- Match offset printing accurately through automatic PANTONE® Calibration™ and offset printing emulation (Euroscale, SWOP, DIC, and TOYO), as well as ICC profiles for Macintosh® and Windows®.
- Printer writing system, RIP and print media integrated by HP for maximum consistency and colour fidelity.
- Apple® ColorSync™ compatibility to control colour matching at every step of your workflow from design to printing.
- 6 colour CMYKcm for better coverage of the colour gamut.

**Reduce the proofing approval cycle from days to hours!\***

- The HP remote proofing solution delivers accurate colour proofs at your desk by simply printing files prepared by your commercial printer, pre-press house or agency. Full reliability of remote prints is assured by the automatic closed-loop colour calibration and the remote proofing software.

**Achieve excellent image quality combined with high printing speeds or maximum productivity.**

- High-resolution 2400 dpi proofs and 4 picolitre ink drop size for photo quality output.
- HP colour layering technology and 6 colour printheads (CMYKcm) deliver a wide range of colours, smooth tonal transitions and reduced visible grain.
- Dye-based black ink produces true black with less ink while maintaining overall gloss.
- Stick to your deadlines with printing speeds of up to 4 mpp in best mode (A3 size).

\*HP remote proofing solution will be available at the beginning of 2002



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hp designjet 20ps printer

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## technical specifications

<b>print technology</b>	HP Thermal Inkjet		
<b>print resolution</b>	output best	black 600 x 600 dpi	colour 2400 x 1200 dpi
<b>print speed</b>	output type econofast (draft) productivity best quality	Colour images Plain A3+ = 3.4 pages per minute, Plain A4 = 10 pages per minute Glossy A3+ = 2 minutes per page, Plain A4 = 4 pages per minute Glossy A3+ = 4 minutes per page, Plain A4 = 1.45 pages per minute	
<b>colour technology</b>	Offset-printing emulation (SWOP, Euroscale, TOYO, DIC) and capability to add new emulations (new ICC profiles), RGB emulations, Apple ColorSync compatible, PANTONE® certified, automatic PANTONE calibration, automatic closed-loop-colour calibration		
<b>operating systems compatibility</b>	Macintosh 8.6 or later (Mac OS X in classic mode), Windows 98, Me, NT 4.0, 2000		
<b>minimum system requirements</b>	Based on HP software RIP (HP Designjet 10ps printer client based. HP Designjet 20ps printer server based). Macintosh: Any PowerPC® processor, Mac OS 8.6 or later (Mac OS X in Classic mode), 128 MB RAM, 1GB available hard disk space, CD-Rom drive. Windows: Intel Pentium II® processor, Windows 98, Me, NT 4.0 or 2000, 128 MB RAM, 1GB available hard disk space, CD-ROM drive.		
<b>recommended system requirements</b>	Based on HP software RIP (HP Designjet 10ps printer client based. HP Designjet 20ps printer server based). Macintosh: Any Macintosh G4 , Mac OS 9.0 or later (Classic mode in Mac OS X), 256 Mb RAM, 2GB available hard disk space, CD-Rom drive. Windows: Intel Pentium III processor, Windows 98, Me, NT 4.0 or 2000, 256 MB RAM, 2GB available hard disk space, CD-ROM drive.		
<b>memory</b>	Standard: 16 MB; maximum: 16 MB		
<b>printer languages</b>	PCL 3 GUI, Adobe® Postscript® 3™		
<b>features</b>	Automatic PANTONE® calibration and offset printing emulation (Euroscale, SWOP, DIC, and TOYO). The automatic closed loop colour calibration corrects colours to give maximum colour accuracy. Apple ColorSync compatibility for colour matching at every step of your workflow. CMYKcm printhead with 304 nozzles per colour, 4 picoliter ink drop size and 2400 dpi resolution. Dye-based black ink for dense, photo quality black with less ink. Full range of existing, compatible media from postcards to A3+ format (13 x 19 in). ICC profiles for Macintosh and Windows.		
<b>recommended media</b>	HP proofing gloss, HP proofing semi-gloss, HP proofing matte, HP colorfast photo paper, HP premium inkjet paper, HP professional brochure and flyer paper-matte finish, HP premium heavyweight coated paper, HP professional brochure and flyer paper two sided gloss, HP premium photo paper glossy, HP premium plus photo paper glossy, HP premium plus photo paper matte, HP bright white inkjet paper, HP premium inkjet transparency film		
<b>media sizes</b>	Standard: A4, A3, A3+; custom: 76 to 127 mm, 330 x 483 mm		
<b>maximum length of sheet media</b>	482.6 mm		
<b>media handling input</b>	media type: sheets	standard: HP Designjet 10ps printer: 150 HP Designjet 20ps printer: 400	up to 400
<b>paper handling</b>	150-sheet input tray, 10-sheet bypass tray, 250-sheet 2nd input tray (optional for the 10ps), rear tray for manual single-sheet feed, 50-sheet output tray		
<b>media handling output</b>	Media type: sheets ; standard: 50		
<b>duplex printing</b>	Two sided printing capability		
<b>power requirements</b>	Input voltage 100 - 240 AC (+10% auto-ranging, 50/60 Hz (3 amps max.))		
<b>power consumption</b>	65 watts maximum		
<b>interface and connectivity</b>	Standard: USB, centronics parallel port, IEEE 1284-compliant; optional: HP Jetdirect 610n network card, supporting TCP/IP, Ethernet 10/100 Base TX, 10Base 2, LocalTalk; drivers included Adobe® PostScript® 3 with HP software RIP, Macintosh 8.6 or later (Mac OS X in classic mode), Windows 98, Me, NT 4.0, 2000		
<b>software included</b>	Adobe® PostScript® 3™ with HP software RIP		
<b>print drivers included</b>	Macintosh 8.6 or later (Mac OS X in classic mode); Windows 98, Me, NT 4.0, 2000		
<b>dimensions (w x d x h)</b>	With two-sided printing module: 542.2 x 723.9 x 223.2 mm; without two-sided printing module: 442.2 x 723.9 x 223.2 mm		
<b>product weight</b>	Out of package: HP Designjet 10ps printer: 12.5 kg; HP Designjet 20ps printer: 15.5 kg; packaged: HP Designjet 10ps printer: 17 kg; HP Designjet 20ps printer: 20 kg		
<b>operating environment</b>	Environmental ranges: operating temperature: 15 to 30° C; operating humidity: 20% to 80% RH; recommended operating temperature: 15 to 30° C; storage temperature: -40 to 70° C		
<b>ENERGY STAR</b>	Yes		
<b>certifications</b>	Compliant with the requirements for Class B ITE products (Class A when connected to LAN cables): EU (EMC Directive), USA (FCC rules), Canada (DOC), Australia (ACA), New Zealand (MOC), China (CCIB), Japan (VCCI), Korea (MIC Class A), Taiwan (BSMI). Regulatory standards: Compliant with the requirements for ITE products: EU Low Voltage Directive, CSA certified for US & Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCIB, Singapore PSB, Russia GOST, Poland PCBC, Korea KTL		
<b>warranty</b>	One year warranty includes phone support from Monday to Friday at business hours and express exchange in most countries. Some countries may have slightly different support delivery methods depending on local infrastructure. With HP Support Packs you can extend your warranty up to 3 years. 3-year Express Exchange (available in most countries) H7708A/E.		

## ordering information

<b>c7790a</b>	hp designjet 10ps printer
<b>c7790b</b>	hp designjet 20ps printer

accessories	
<b>c7794a</b>	2nd paper tray (hp designjet 10ps printer only)
<b>c8219a</b>	duplexer
<b>j4169a</b>	hp jetdirect 610n
<b>q1249a</b>	server based software RIP, MAC USB (hp designjet 10ps printer only)
<b>q1249b</b>	server based software RIP, WIN USB (hp designjet 10ps printer only)
<b>q1249c</b>	server based software RIP, WIN parallel (hp designjet 10ps only)
<b>q1250a</b>	pre-press software RIP
<b>c6518a</b>	USB cable (2 m)

supplies	
<b>c4913a</b>	hp no. 82 yellow ink cartridge (69 ml)
<b>c5016a</b>	hp no. 84 black ink cartridge (69 ml)
<b>c4837a</b>	hp no. 11 magenta ink cartridge (28 ml)
<b>c4836a</b>	hp no. 11 cyan ink cartridge (28 ml)
<b>c5018a</b>	hp no. 84 light magenta ink cartridge (69 ml)
<b>c5017a</b>	hp no. 84 light cyan ink cartridge (69)
<b>c4813a</b>	hp no. 11 yellow printhead
<b>c5019a</b>	hp no. 84 black printhead
<b>c4812a</b>	hp no. 11 magenta printhead
<b>c4811a</b>	hp no. 11 cyan printhead
<b>c5021a</b>	hp no. 84 light magenta printhead
<b>c5020a</b>	hp no. 84 light cyan printhead
<b>c7886a</b>	hp proofing gloss (A3+, 50 sheets)
<b>c7884a</b>	hp proofing semi-gloss (A3+, 50 sheets)
<b>c7885a</b>	hp proofing matte (A3+, 100 sheets)

For a complete list of printing materials and selection numbers, please refer to the HP web-site at [www.hp.com/go/designjet](http://www.hp.com/go/designjet) and select 'Printing Materials'.

<http://www.hp.com/go/designjet>

<http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Azerbaijan:** +7 (99412) 973 561, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **CIS:** (007) 095 797 3500, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991125, **Dubai (Gulf Region):** (971) 488 15 456, **East Central Europe (Vienna HQ plus Albania):** (+43) 1-250 00, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (0.24 DM per minute), **Greece:** (01) 619 64 11, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** (00) 353 1 61 58 200, **Israel:** (972) 9 952 4848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Morocco (African Region):** (212) 222 21340, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zł + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 250 6197, **RSA:** (27)11 806 1000 **Slovakia:** (+421 7) 68 20 90 11, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Turkey:** +90 (216) 579 71 71, **UK:** (0990) 474747, **Ukraine:** 380 44 490 61 20, **Uzbekistan:** +7 (99871) 169 1488, **Yugoslavia:** +7 (044) 490 6120, **Multi Country Operations (MCO) (Geneva):** (22) 7804111, **European Headquarters (Geneva):** (22) 7808111.

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