hp designjet
scanner 4200

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Expand your large-format capabilities by adding colour scanning. Maximise your assets' efficiency and improve productivity. Easily integrate this scanning system into your existing workflow and start benefiting from it now.

The ideal solution for repro houses and print service providers seeking to grow their business by adding colour scanning to their large format printing services. This easy-to-use and fully integrated scanning system is also perfect for GIS professionals who need to digitise legacy documents, and want to maximise the capabilities of their existing large format printers.

Expand your printer's functionality by creating a complete print, scan and copy system.
- Produce colour and black-and-white scans from your large format documents up to 1,067 mm (42 inches) wide and up to 1.52 mm (0.06 inch) thick, so you can handle oversized and heavyweight cardboard originals.
- Create electronic copies of your large documents with a scan resolution of 424 ppi optical and 2400 ppi enhanced, and a 0.15% line accuracy to reproduce the originals precisely.
- Archive the scanned files on CD with the included CD-writer or anywhere in your network.

Improve your productivity with state-of-the-art performance that will meet all your scanning needs.
- Quickly produce colour scans at 38 mm (1.5 inches) per second, and black-and-white scans at 76 mm (3.0 inches) per second.
- Save your scanned jobs in the most common file formats including PDF, TIFF and JPEG.
- Perfect your scanned images using the colour correction and 2D-filters for colour sharpening, image softening and blur capabilities of the software.
- Handle high volume, batch scanning jobs easily and quickly, with scanned files stored in the output basket.

Intuitive software lets you scan, copy, and print at the touch of a button using your own workflow.
- The graphical interface of the touch-screen display takes you through each step of the scanning process.
- Communicate easily across a network with the keyboard, using state-of-the-art connectivity standards.
- Add the system to your HP Designjet 5000 series, 1050 series, 800 series and 500 series printers with the pre-configured drivers and network connectivity.
- The colour calibration between HP scanning system and HP large format printer ensures consistency between originals and copies.

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technical specifications

scan technology	Double tri-linear colour CCDS, 21.360 pixels (RGB triplets), 36 bits of data capture, all-digital cameras
light source	Colour matched fluorescent lamps, Color Rendering Index (CRI) greater than 95; line voltage 100 to 240 VAC (± 10%) auto-ranging, 50/60 Hz, 8 amp maximum
scan resolution	Enhanced: 2400 x 2400 dpi, with variable resolution setting from 50 dpi in increments of 1 dpi; optical: 424 dpi
bit depth	24-bit colour
greyscale	256 levels
linear scan speed	Colour (200 dpi): 3.8 cm/sec; black-and-white (200 dpi): 7.6 cm/sec
scan to print time	20 sec
scan line accuracy	± 0.15%
scan file formats	PDF, TIFF, JPEG, CALSG4
scan size (w x l)	106.7 x unlimited cm; 42 x unlimited inches
maximum size document (w x l)	109 x unlimited cm; 43 x unlimited inches
media thickness	15 mm
media handling	Straight through scan paper path for sheet and cardboard originals, output basket, all-wheel drive (contour adjustment, precision rollers)
control panel	Print/scan/copy operation controlled through an easy-to-use LCD colour touch-screen and intuitive software
scan output modes	On the touch-screen: scan preview, scan to file/network, scan to CD, scan to print, collate copy, copy
processor	850 MHz, Intel Pentium® III
compatible network operating systems	NDPS (TCP/IP); Microsoft® Windows® 95, 98; (TCP/IP); Microsoft Windows NT® 4.0, XP; (TCP/IP); Microsoft Windows 2000; IBM® OS/2 WARP v. 3.0, 4.0; (TCP/IP); HP-UX v. 10.X, 11.X; Sun Solaris™ 2.5X, 2.6; IBM AIX v. 3.2.5 and later; MPE-IX v. 5.5 (TCP/IP); Mac OS 9.X and X (TCP/IP)
copier setting	Type of original, image crop and align preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, panelling, tiling, nesting, accounting. Originals up to 43 in wide. Active scanning width up to 42 in.
colour technology	Closed-loop colour calibration
reduce/enlarge	1 to 10000%
hard disk capacity	14 GB for scanned jobs
power requirements	100 to 240 VAC (±10%) auto-ranging, 50/60 Hz, 8 amp maximum
power consumption	180 watts maximum
interface and connectivity	Standard: Fast Ethernet 10/100Base-TX
software included	System recovery software for the scanning system including HP Macroinstaller with Microsoft® Windows® drivers for HP Designjet 500, 800, 1000, 5000 series printers.
dimensions (w x d x h)	Out of package: 2029 x 770 x 1250 mm
weight	Out of package: 93.5 kg
operating environment	Environmental ranges: operating temperature: 18 to 32° C, operating humidity: 20 to 80% RH, recommended operating humidity: 25 to 70% RH; recommended operating temperature: 18 to 32° C, storage temperature: -20 to 55° C, storage humidity: 20 to 80% RH
certifications	Compliant with the requirements for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Taiwan (BSMII)
warranty	1 year, next business-day, on-site warranty

ordering information

q1280a — hp designjet scanner 4200, touch screen, keyboard, output basket, power cord, scanner stand, print/scan/copy software, Macroinstaller with drivers for hp designjet 500, 800, 1000 and 5000 series printers, system recovery software CD, quick reference guide, setup poster, user documentation CD (interface cables must be ordered separately)

service and support

u3799a/e	hp care pack, next day on-site repair, 3 years
h4515a/e	installation, including network configuration, 3 years

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