Data sheet

HP Designjet SD Pro Scanner

High-productivity scanner for fast and detailed document reproduction

Detailed document reproduction with CIS technology

• Scan and copy your everyday documents and maps at high speeds without fringing, using advanced CIS technology

• Eliminate unwanted shadows and backgrounds, with the new dual-illuminating system in CIS technology

• Ensure high-quality results with crisp text and lines, and scan resolutions of up to 1200 dpi

• Create large-format color and black-and-white scans up to 44-inches (1118 mm) wide

A fast SD scanner designed to streamline workflows

• Scan fast—up to 6 inches (152 mm) per second in color and 13 inches (330 mm) per second in black-and-white

• Accelerate your workflow. Save scans as PDF, TIFF, JPEG, or DWF files, and easily create multipage PDFs

• Be more productive and easily share images with collaborators by scanning to email, USB, networks, and more

• Preview and enhance images using the large, 15.6-inch (396 mm) touchscreen all-in-one PC

[1] Scanner can be placed above the following HP Designjet printers: HP Designjet 500, 510, T520, T610, T620, T790, T795, T1100, T1200, T1300, Z5200 and Z5400.

Scan support customized for HP Designjet printers

• Build a multifunction system—this scanner is customized for seamless integration with HP Designjet printers

• Add new functions to your printing workflow with detailed scanning, copying, and image enhancement

• Simplify your tasks—rely on a single interface for maintenance and support of your HP Designjet solution

• Save space by placing the scanner above your HP Designjet printer,[1] using the nine-level adjustable stand

Eco Highlights

• ENERGY STAR® qualified and EPEAT Bronze registered[1]

[1] EPEAT registered where applicable and/or supported. See epeat.net for registration status by country.

Please recycle large-format printing hardware and printing supplies. Find out how at our website hp.com/ecosolutions

Technical specifications

Scan and copy	Scan speed[2]	Color: up to 15 cm/sec (6 in/sec) Grayscale: up to 33 cm/sec (13 in/sec)
	Enhanced resolution	9600 dpi
	Optical resolution	1200 dpi
	Data capture (color/mono)	48-bit/16-bit
	Maximum scan width	1118 mm (44 in)
	Scan input modes	On the touchscreen: scan preview, scan to file, scan to email, scan to USB, scan to print, scan to FTP, copy, batch scanning, batch copying
	Copier settings	Type of original, image crop and align preview, lightness, saturation and RGB controls, white point and black point adjust, sharpen/blur, mirror copy, enlarge/reduce, paneling, tiling, nesting, accounting, batch, multipage PDF generation
Media	Handling	Straight-through scan paper path for sheet and cardboard originals
	Types	Non-abrasive paper, sepia, blueprints, plastic, plastic laminate, foam board, cardboard, newspaper, (**NO** plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
	Size	Up to 1168 mm (46 in) wide
	Thickness	Up to 2 mm (0.08 in)
Applications	Line drawings, Maps, Office Graphics, Posters, Presentations	
Memory	2 GB[3] memory, 500 GB[4] hard disk	
Connectivity	Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified
	Drivers (included)	Windows drivers for compatible HP Designjet Printers
Dimensions (w x d x h)	Scanner	930 x 1470 x 1660 mm (37 x 58 x 65 in)
	Shipping	1500 x 680 x 710 mm (59 x 27 x 28 in)
Weight	Scanner	60 kg (132 lb)
	Shipping	85 kg (187 lb)
What's in the box	HP Designjet SD Pro Scanner, stand, touchscreen (panel PC), quick reference guide, setup poster, copy/scan software, documentation software, Ethernet cables (x2), power cords	
Environmental ranges	Operating temperature	5 to 40ºC (41 to 104ºF)
	Storage temperature	-25 to 55ºC (-13 to 131ºF)
	Operating humidity	20 to 80% RH
Acoustic	Sound pressure	62 dB(A) (scanning); 30 dB(A) (ready); 30 dB(A) (sleep)
	Sound power	6.4 B(A) (scanning); 3.3 B(A) (ready); 3.3 B(A) (sleep)
Power	Consumption	47 watts (scanning); 32 watts (ready); 1.8 watts (sleep)
	Requirements	Input voltage (auto rangVing): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KC)
	Electro magnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Russia (EAC)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze
Warranty	One-year limited hardware warranty	

Ordering information

Product	G6H50A	HP Designjet SD Pro Scanner

Service and support

Product	H4518E	HP Installation Service with Network Setup
	U5AC5E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
	U5AC6E	HP 5 year Next Business Day Onsite Support with Defective Media Retention
	U5AC7PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention
	U1XV4E	HP Preventive Maintenance Service
Supported printers	HP Designjet 500 Printer series HP Designjet 510 Printer series HP Designjet 1050C/1055CM Printer series HP Designjet 4000/4020 Printer series HP Designjet 4500/4520 Printer series HP Designjet 5100 Printer HP Designjet 5500 Printer series HP Designjet T520 ePrinter series HP Designjet T610/T620 Printer series HP Designjet T770 Printer series HP Designjet T790 ePrinter series HP Designjet T795 ePrinter HP Designjet T920 ePrinter series HP Designjet T1100 Printer series HP Designjet T1120 Printer series HP Designjet T1200 Printer series HP Designjet T1300 ePrinter series HP Designjet T1500 ePrinter series HP Designjet T2300 eMultifunction Printer series HP Designjet T2500 eMultifunction Printer series HP Designjet T3500 Production eMFP HP Designjet T7100 Printer series HP Designjet T7200 Production Printer HP Designjet Z2100 Photo Printer series HP Designjet Z3100 Photo Printer series HP Designjet Z3200 Photo Printer series HP Designjet Z5200 Photo Printer HP Designjet Z5400 PostScript® ePrinter HP Designjet Z6100 Printer series HP Designjet Z6200 Photo Production Printer HP Designjet Z6600 Production Printer HP Designjet Z6800 Photo Production Printer	

[2] Monochrome scanning: A1/D image with black text graphics at 200 dpi; color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB
[3] Scanning process
[4] For scan job storage, Win7OS and recovery system

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Learn more at
hp.com/go/DesignjetSDProScanner