



Scitex XP5300 Printer

Experience faster print speeds and unprecedented ink coverage that minimizes the cost of printing. Print outdoor signage at industry-leading speeds as well as high-quality indoor signage with this innovative, 5m (16.6 ft), dual-mode UV printer.



Reduce the cost of printing

- **Save money on ink—increase your savings over time with unmatched, high ink coverage.**² Increase the return on your investment with high ink coverage—up to 180 m²/liter (1,940 ft²/liter). A combination of the HP Specialty Billboard ink and the UV ink printing system delivers better ink coverage than comparable solvent and UV ink printing systems.
- **Save money on media—reduce expenses with the ability to print directly on inexpensive certified media**⁴
The initial purchase price for hardware is just a small part of your business's total cost of ownership. Over time, the cost of ink and media plays a more significant role. The super-wide format HP Scitex XP5300 Printer prints on inexpensive media such as polyethylene up to 5 m (16.6 ft) wide.
- **Save time and money and control operating expenses.** With increased throughput, you produce more in less time using one extremely productive printer, saving floor space and operator costs and reducing the number of shifts required for your 24/7 business.

Deliver faster with industry-leading print speeds¹⁾

- **Save time and deliver more with industry-leading print speeds.**¹⁾ Designed for high-speed, robust production environments, the HP Scitex XP5300 Printer's high print speeds set it apart from its competition and enable faster turnaround times. Ideal for outdoor signage or other outdoor applications, print at up to 300 m²/hr (3,200 ft²/hr) in Billboard Mode using HP Specialty Billboard Scitex Ink.
- **Unload printed media quickly with the HP Scitex XP5300 On-core Collector.** Improve your productivity with the standard HP Scitex XP5300 On-core Collector. The On-core Collector rolls finished output onto an empty core—a simple and practical feature. The core and printed media can be removed from the On-core Collector and transferred to the finishing process.
- **Capitalize on the printer's productivity with the HP Scitex XP5300 Multi-roll Printing Kit.** Take advantage of the printer's capacity and be more productive. Print different files simultaneously on three different rolls, each up to 1.6 m (5.2 ft) wide, for high-speed production. With the innovative HP Scitex XP5300 Multi-roll Printing Kit, each roll is handled individually, making it possible to load rolls with slightly different diameters.

One platform, two productive printing modes

- **Print vivid, high-quality point-of-purchase displays.** For indoor signs that stand up to close examination, select one of the Standard Modes, which use HP XP222 Scitex Ink. Produce high-quality indoor signage, point-of-purchase materials, and displays.
- **Deliver outdoor signage without the wait.** To decrease your printing costs and increase your turnaround time, select one of the Billboard Modes, which use HP Specialty Billboard Scitex Ink. This specially formulated ink provides media versatility and operational efficiency for outdoor applications.
- **Provide more choices for your clients and opportunities for your business.**³⁾ Expand your business with the optional HP Scitex XP5300 Double-sided Printing Kit for backlit and blockout applications. The printing software enables manual and automatic correction to ensure precise printing.
- **Customize your glossy prints with the standard HP Scitex XP5300 Shutters Control Kit.**¹⁾ Fine tune your glossy prints and get the look you want with the standard HP Scitex XP5300 Shutters Control Kit. This kit controls the UV exposure, delaying the curing process and producing glossier prints.

Rest assured with a proven industrial platform

- **Designed for high-volume industrial environments.** With robust media loading and collecting features and a heavy-duty frame, this printer is designed for production environments that operate 24/7.
- **Rely on an industry-renowned, proven product.** Count on a proven product line used worldwide.
- **Your printer is available and productive with HP Scitex support, a name you know and trust.** At HP, we are fully committed to our clients' long-term success. We are as serious about supporting our clients with top-quality care as we are about providing world-class printing systems. That means we are committed to ensuring that you enjoy maximum uptime and productivity. All HP Scitex programs and services are designed with that single goal in mind. Wherever you are, you can be sure that HP Scitex-certified experts are close by and ready to help.

¹⁾ Print quality may vary depending on media type and print mode.

²⁾ Based on tests held in February 2007.

³⁾ Optional. Must be ordered separately.

⁴⁾ For further information on certified media substrates, please visit: www.hp.com

Technical specifications

Print speed	Up to 300 m ² /hr (3,200 ft ² /hr), 1 pass
Print resolution	Up to 360 dpi
Media	
Handling	Roll-to-roll (integrated collection system, on-core collector), roll-to-freefall, multi-roll printing
Types ¹⁾	Polyethylene, paper, mesh, vinyl, textiles, blue back paper, SAV, banner material, synthetic paper, Tyvek, Yupo, and others
Size	Roll-fed media up to 5 m (16.6 ft) wide
Roll loading	Up to 1,500 kg (3,307 lb) rolls with 76 mm (3 in) or 152 mm (6 in) cores ²⁾ , up to 400 mm (16 in) outside diameter
Multi-roll	Print simultaneously on up to 3 rolls
Printing	
Technology	Drop-on-demand, piezoelectric inkjet
Ink types	UV-curable pigmented inks
Ink colors	Cyan, magenta, yellow, black: 4-color Billboard and 4-color Standard inks
Print heads	16 total (4 per color)
Outdoor durability	Up to 2 years UV and water resistance ³⁾
Ink coverage	XP231 Specialty Billboard: up to 207 m ² /L (at Billboard mode) ⁴⁾ XP222: up to 140 m ² /L (at "high press" mode) ⁴⁾
Ink drop	80 pl
Printing modes	4-color Sample Mode 40 m ² /hr (431 ft ² /hr) 4-color Fine-Press Mode 50 m ² /hr (538 ft ² /hr) 4-color Press Plus Mode 80 m ² /hr (861 ft ² /hr) 4-color Hi-Press Mode 105 m ² /hr (1130 ft ² /hr) 4-color X-Press Mode 150 m ² /hr (1615 ft ² /hr) 4-color Billboard Mode 105 m ² /hr (1130 ft ² /hr) 4-color Billboard Mode 240 m ² /hr (2583 ft ² /hr) (high coverage) 4-color Billboard Mode 300 m ² /hr (3230 ft ² /hr) (high coverage) 4-color Billboard Mode 300 m ² /hr (3230 ft ² /hr) (high coverage, Faster RIP time, lower res. For BB applications)
RIP	
Software	GrandRIP+ v8 by Caldera ⁵⁾ or ProductionHouse X10 by Onyx
Input formats	All popular graphic file formats, including PostScript, PDF, EPS, Tiff, PSD, and JPG
Front end software features	
	Hot folder, printing queue for multi job management, job ticket based operation, Standard and Billboard modes, automatic calibration, step and repeat, error correction mechanism
Standard features	
	HP Scitex XP5300 On-core Collector
	HP Scitex XP5300 Multi-roll Printing Kit
	HP Scitex XP5300 Mesh Kit
	HP Scitex XP5300 Shutters Control Kit
Dimensions (w x d x h)	8.78 x 1.85 x 2.06 m (28.81 x 6.07 x 6.96 ft)
Weight	6,550 kg (14,440 lb)
Warranty	1-year limited hardware warranty

¹⁾ Limitations to media may apply.

²⁾ Optional.

³⁾ UV and water resistance without coating or lamination; conditions apply.

⁴⁾ Based on internal HP testing. Actual results and testing methods may vary.

⁵⁾ X-Rite il Color for HP - All profiles generated with il Profiler.

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To learn more, visit www.hp.com/go/scitex

Operating environment	
Temperature	18 to 28° C (64 to 85° F)
Humidity	20 to 80% RH (non-condensing)
Operating requirements	
Electrical voltage	3-phase, 230/400 VAC
	(±10%) 3 x 20A
Power consumption	15 kVA (12 kW)

Ordering information

Product	
CG717A	HP Scitex XP5300 Printer
Options/upgrades	
CP113A	HP Scitex XP5X00 Adaptor for 6-inch Cores Upgrade 2 units
CP114A	HP Scitex XP5X00 Adaptor for 6-inch Cores Upgrade 6 units
CP152A	HP Scitex XP5X00 Double-sided Print Kit
Original HP printing supplies	
CN869A	HP XP231 2x5L Specialty Billboard Yellow Scitex Ink
CN870A	HP XP231 2x5L Specialty Billboard Magenta Scitex Ink
CN871A	HP XP231 2x5L Specialty Billboard Cyan Scitex Ink
CN872A	HP XP231 2x5L Specialty Billboard Black Scitex Ink
CH664A	HP XP222 2x5L Yellow Scitex Ink
CH663A	HP XP222 2x5L Magenta Scitex Ink
CH655A	HP XP222 2x5L Cyan Scitex Ink
CH665A	HP XP222 2x5L Black Scitex Ink
Maintenance	
CH880A	HP MF25 4x1L Scitex Cleaner
Service	
CP052A	HP Scitex XP5300 Full Coverage Service
CP053A	HP Scitex XP5300 Parts and Remote Service
CP137A	HP Scitex XP5300 Basic Uptime Kit
CP226A	HP Scitex XP5300 Extended Uptime Kit
Applications	
Billboards - paper, SAV	
Billboards - PVC banners, woven PE	
Building coverings	
Exhibition/Event graphics	
Outdoor event banners	
POP posters	
Light boxes - film	
Vehicle graphics - truck curtain	
Wall murals/Interior decoration	
Double-sided banners/backlits	