HP Scitex XP5100 Industrial Printer

Enjoy the right combination of quality, speed and versatility

Combine the performance of traditional wide-format printers with the speed, quality, and media versatility of today's UV ink printers. Create both indoor and outdoor applications with confidence, knowing you can depend on a proven industrial platform.

Spend less time waiting and more being productive

- Meet peak printing demands with technology that delivers faster. Produce outdoor applications, such as outdoor signage and building wraps, at speeds up to 150 m²/hr (1,600 ft²/hr). Benefit from the high-quality, cruising speeds of 105 m²/hr (1,100 ft²/hr) for both indoor and outdoor applications that enable you to meet peak printing demands.
- The On-core Collector enables you to speed up the unloading process and deliver quickly. Improve your productivity with the HP Scitex XP5100 On-core Collector. The HP Scitex XP5100 On-core Collector rolls finished output onto an empty core—a simple and practical feature. Remove the core and printed media easily from the On-Core Collector and transfer the media to the finishing process.

- Capitalize on the printer's productivity with the HP Scitex XP5100 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 XP5100 Multi-roll Printing Kit, each roll is handled individually, making it possible to load rolls with slightly different diameters.
- Save time and improve efficiency with UV inks and the HP Scitex XP5100 Vertical Cutter. Because UV-curable ink dries quickly, you can cut media while it's still printing with the standard HP Scitex XP5100 Vertical Cutter. This feature saves finishing time, improves your workflow, and helps you to deliver faster.

To learn more, visit www.hp.com/go/ScitexXP5100

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Create colorful, high-impact indoor signage

- Impress your clients with exceptional, high-quality indoor signage.
  For indoor signs that stand up to close examination, choose 8-color printing for high-definition printing. Produce indoor signage, point-of-purchase materials, and displays at up to 720 dpi resolution (apparent).

- Spark the imagination of your most discerning clients. HP Scitex Ink delivers brilliant and vivid full-color graphics. Eight-ink printing—with light cyan, light magenta, light yellow, and light black inks—achieves a wider color gamut, smoother color transitions, and greater vibrancy.

- Customize your glossy prints with the optional HP Scitex XP5100 Shutters Control Kit.[1, 2]
  Fine tune your glossy prints and get the look you want with the optional HP Scitex XP5100 Shutters Control Kit. This kit controls the light exposure, delaying the curing process and producing glossier prints.

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[1] Optional. Must be ordered separately.

[2] Print quality may vary depending on media type and print mode.

Meet the diverse demands of your business

- Exceed your clients' expectations with application versatility and 4- or 8-color printing. Switch between 4- and 8-color printing for increased versatility and cost-effectiveness. For high-quality images that will be viewed up close, use the 8-color printing with up to 720 dpi resolution (apparent). Switch to 4-color printing for outdoor applications or for super-fast printing up to 150 m²/hr (1,600 ft²/hr).

- Experience unmatched versatility. Print directly on a wide range of roll-fed media. Print building wraps, billboards, and other outdoor applications as well as high-quality indoor signage, including point-of-purchase displays. The HP Scitex XP5100 Printer is compatible with a wide range of media, including polyethylene, mesh, vinyl, Tyvek, and Yupo, up to 5 m (16 ft) wide.

- Provide more choices for your clients and more opportunities for your business. Expand your business with the optional HP Scitex XP5100 Double-sided Printing Kit for backlit and blockout applications. The printing software enables manual and automatic correction to ensure precise printing.

- Print on mesh without the time-consuming cleanup with the integrated HP Scitex XP5100 Mesh Kit. Capture excess ink and switch media quickly and easily with the integrated HP Scitex XP5100 Mesh Kit.

The HP Scitex XP Multi-Roll Printing Kit

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 always available and productive with HP Scitex Support, a name you know and trust. At HP Scitex, 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.

Technical specifications

Print speed	Up to 150 m²/hr (1,600 ft²/hr)
Print resolution	Up to 360 dpi, 720 dpi apparent
Media	Handling: Roll-to-roll (integrated collection system, On-Core Collector), roll-to-freefall, multi-roll printing
	Types[1]: Woven polyethylene, paper, mesh, textiles, blue back paper, SAV, PVC banner, synthetic paper, Tyvek, Yupo, and others
	Size: Roll-fed media up to 5 m (16.6 ft) wide
	Roll loading: Up to 250 kg (551 lb) rolls with 76 mm (3 in) or 152 mm (6 in) cores, up to 400 mm (16 in) outside diameter[2]
Printing	Technology: Drop-on-demand, piezoelectric inkjet
	Ink types: UV-curable pigmented inks
	Ink colors: Cyan, magenta, yellow, black, light cyan, light magenta, light yellow, light black
	Print heads: 16 total per color in 8C mode / 4 per color in 4C mode
	Outdoor durability: Up to 2 years UV and water resistance[3]
	Ink coverage: Up to 140 m²/L (at "high press" mode)[4]
	Ink drop: 80 pl
Print modes	8-color Sample Mode 35 m²/hr (377 ft²/hr)
	8-color Fine-Press Mode 50 m²/hr (538 ft²/hr)
	8-color Press Mode 80 m²/hr (861 ft²/hr)
	4-color Sample Mode 40 m²/hr (431 ft²/hr)
	4-color Fine Press Mode 50 m²/hr (538 ft²/hr)
	4-color Press+ Mode 80 m²/hr (861 ft²/hr)
	4-color Hi-Press Mode 105 m²/hr (1130 ft²/hr)
	4-color X-Press Mode 150 m²/hr (1615 ft²/hr)
RIP	Software: GrandRIP+ by Caldera[5] or ProductionHouse 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, automatic calibration, picture tiling, step and repeat, error correction mechanism
Standard features	HP Scitex XP5100 On-Core Collector, HP Scitex XP5100 Multi-roll Printing Kit, HP Scitex XP5100 Vertical Cutter, HP Scitex XP5100 Mesh 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: 6,500 kg (14,330 lb)
Warranty	1-year limited hardware warranty
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 (±10%), Power consumption: 15 kVA (12 kW)

Ordering information

Product	CG715A	HP Scitex XP5100 Printer
Options/Upgrades	CP114A	HP Scitex XP5X00 Adaptor for 6-inch Cores Upgrade 6 units
	CP113A	HP Scitex XP5X00 Adaptor for 6-inch Cores Upgrade 2 units
	CP155A	HP Scitex XP5100 Shutters Control Kit
	CP394A	HP Scitex XP5X00 Double-sided Print Kit
Original HP printing supplies	CH664A	HP XP222 2x5L Yellow Scitex Ink
	CH668A	HP XP222 1x5L Light Yellow Scitex Ink
	CH663A	HP XP222 2x5L Magenta Scitex Ink
	CH667A	HP XP222 1x5L Light Magenta Scitex Ink
	CH655A	HP XP222 2x5L Cyan Scitex Ink
	CH666A	HP XP222 1x5L Light Cyan Scitex Ink
	CH665A	HP XP222 2x5L Black Scitex Ink
	CH662A	HP XP222 1x5L Light Black Scitex Ink
Maintenance	CH880A	HP MF25 4x1L Scitex Cleaner
Applications		Exhibition/Event graphics, Outdoor event banners, POP posters, Light boxes - film, Billboards - paper, SAV, Billboards - PVC banners, woven PE, Vehicle graphics - truck curtain, Wall murals/Interior decoration, Building coverings, Double-sided banners/backlits

[1] Limitations to media may apply. Please refer to www.hp.com/go/mediasolutionslocator
[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 i1 Color for HP - Caldera profiles generated with i1 Profiler.