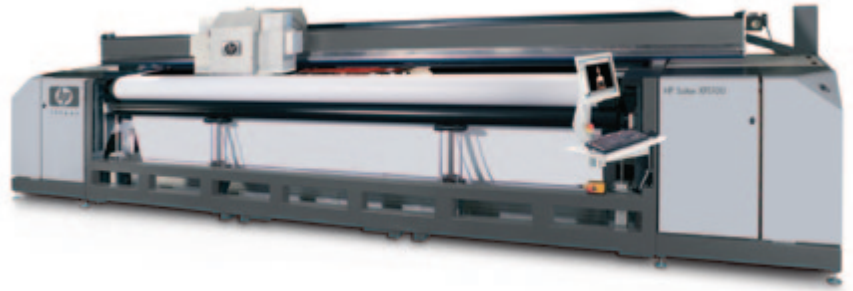# HP Scitex XP5100 Printer

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.

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.

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.**[1] 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.

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.

HP Scitex XP5100 Printer

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	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
Loading	Up to 1,500 kg (3,307 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 (2 per color in 8C mode / 4 per color in 4C mode)
Outdoor durability	Up to 2 years UV and water resistance [1]
Ink coverage	95 m2 per liter
Ink drop	80 pl
Printing modes	8-color Sample Mode 35 m²/hr (376.7 ft²/hr)
	8-color Fine-Press Mode 50 m²/hr (538.2 ft²/hr)
	8-color Press Mode 80 m²/hr (861.1 ft²/hr)
	4-color Sample Mode 40 m²/hr (430.5 ft²/hr)
	4-color Fine Press Mode 50 m²/hr (538.2 ft²/hr)
	4-color Press+ Mode 80 m²/hr (861.1 ft²/hr)
	4-color Hi-Press Mode 105 m²/hr (1130.2 ft²/hr)
	4-color X-Press Mode 150 m²/hr (1614.6 ft²/hr)
RIP	
Software	GrandRip+ by Caldera or Production House 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
	HP Scitex XP5100 Operating Software
Dimensions (w x d x h)	8.23 x 1.85 x 1.92 m (27 x 6.07 x 6.3 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
CG730A   HP Scitex XP5100 Double-sided Printing Kit
CG727A   HP Scitex XP5100 Shutters Control Kit
CG722A   HP Scitex XP5100 Adapters for 6 inch (15.2 cm) Cores
CG735A   HP Scitex XP5100 Operating Software Upgrade

Original HP printing supplies
CN827A   HP XP220 2x5L Yellow Scitex Ink
CN828A   HP XP220 1x5L Light Yellow Scitex Ink
CN829A   HP XP220 2x5L Magenta Scitex Ink
CN830A   HP XP220 1x5L Light Magenta Scitex Ink
CN831A   HP XP220 2x5L Cyan Scitex Ink
CN832A   HP XP220 1x5L Light Cyan Scitex Ink
CN833A   HP XP220 2x5L Black Scitex Ink
CN834A   HP XP220 1x5L Light Black Scitex Ink

Maintenance fluid
CN868A   HP MF25 1x5L Scitex Cleaner

Care packs
CC903-90338   HP Scitex XP5100 12-Month Full-coverage Warranty Care Pack (direct customers only)
CC903-90339   HP Scitex XP5100 24-Month Full-coverage Warranty Care Pack (direct customers only)
CC903-90336   HP Scitex XP5100 12-Month Parts and Remote Care Pack
CC903-90337   HP Scitex XP5100 24-Month Parts and Remote Care Pack

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] UV and water resistance without coating or lamination; conditions apply
[2] Optional

To learn more, visit www.hp.com/go/graphic-arts

Progressive Profitable Printing