

# HP Scitex XP2100 Printer

The HP Scitex XP2100 Printer offers fast print speeds, high-quality output, and incredible media versatility. This 3.2 m roll-to-roll UV printer converts easily to a flatbed printer, so you can print on rigid substrates.<sup>1)</sup>



## Spend less time waiting and more being productive

- **Meet peak printing demands with UV printing technology that delivers faster.** Produce outdoor applications, such as outdoor signage and building wraps, at speeds up to 120 m<sup>2</sup>/hr (1,300 ft<sup>2</sup>/hr). Meet peak printing demands with a high-quality cruising speed of 90m<sup>2</sup>/hr (970 ft<sup>2</sup>/hr) mode.
- **Capitalize on the printer's productivity with the optional HP Scitex XP2100 Multi-roll Printing Kit.**<sup>1)</sup> Take advantage of the printer's capacity and be more productive. Print different files simultaneously on two different rolls, each up to 1.6 m (5.2 ft) wide for high-speed production. With the innovative Multi-roll Printing Kit, each roll is handled individually, making it possible to load rolls with different diameters.
- **Increase productivity and simplify media handling with the Inflatable Feeder and Collector.** The HP Scitex XP2100 Inflatable Feeder and Collector simplifies media handling, shortens media loading and unloading time, and ensures accurate and stable media advance.
- **Deliver more with the optional HP Scitex XP2100 Double-sided Printing Kit.**<sup>1)</sup> The optional HP Scitex XP2100 Double-sided Printing Kit delivers high productivity printing at up to 120 m<sup>2</sup>/hr (1,300 ft<sup>2</sup>/hr). The software includes automatic correction to ensure precise printing.

## 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 images and vivid, full-color graphics. Eight-color printing—with light cyan, light magenta, light yellow, and light black inks—achieves a wider color gamut, smoother color transitions, and greater vibrancy. The high level of transparency inherent to UV inks produces a very clean color gamut for both 4- and 8-color processes.
- **Customize your glossy prints with the optional HP Scitex XP2100 Shutters Control Kit.**<sup>1)</sup> Fine tune your glossy prints and get the look you want with the optional HP Scitex XP2100 Shutters Control Kit. This kit controls the light exposure, delaying the curing process and producing glossier prints.

## Exceed 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 8-color printing with up to 720 dpi (apparent). Switch to 4-color printing for outdoor applications or for super-fast printing up to 120 m<sup>2</sup>/hr (1,300 ft<sup>2</sup>/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 XP2100 Printer is compatible with a wide range of media, including polyethylene, mesh, vinyl, Tyvek, and Yupo, up to 3.2 m (10.5 ft) wide. With the optional HP Scitex XP2100 Flatbed Module, you can also print on rigid substrates such as foam PVC, acrylic sheets, and more.
- **Print directly on rigid substrates.**<sup>1)</sup> It's all about diversity. Why settle for just flexible media when you can print on rigid media too? The optional HP Scitex XP2100 Flatbed Module integrates seamlessly with the printer, enabling you to expand your business. Print on rigid media up to 2.5 m (8.2 ft) wide by 2.5 m (8.2 ft) long and up to 6.35 cm (2.5 in) thick. A simple design makes it fast—typically no more than 10 minutes—and easy to switch between roll-fed and rigid printing.
- **Provide more choices for your clients and opportunities for your business.**<sup>1)</sup> Expand your business with the optional HP Scitex XP2100 Double-sided Printing Kit for backlit and blackout applications. Print on media up to 25 x 3.2 m (82 x 10.5 ft) with no more than 2 mm (0.08 in) deviation from front to back at speeds up to 120 m<sup>2</sup>/hr (1,300 ft<sup>2</sup>/hr).
- **Print on mesh without the time-consuming cleanup with the integrated HP Scitex XP2100 Mesh Kit.** Capture excess ink and switch media quickly and easily with the integrated HP Scitex XP2100 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.

<sup>1)</sup> Optional. Must be ordered separately.

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## Technical specifications

<b>Print speed</b>	Up to 120 m <sup>2</sup> /hr (1,300 ft <sup>2</sup> /hr)
<b>Print resolution</b>	Up to 360 dpi, 720 dpi apparent
<b>Media</b>	
Handling	Roll-to-roll (integrated collection system), roll-to-freefall
Types	<b>Roll-fed:</b> polyethylene, paper, mesh, vinyl, textiles, blue back paper, SAV banner material, synthetic paper, Tyvek, Yupo, and others; <b>rigid:</b> foam PVC, rigid PVC, acrylic sheets, polycarbonate, and others (with optional flatbed module)
Size	<b>Roll-fed:</b> up to 3.2 m (10.5 ft) wide; <b>rigid:</b> up to 2.5 x 2.5 m (8.2 x 8.2 ft) (with optional flatbed module)
Loading	Up to 150 kg (331 lb) rolls with 76 mm (3 in) or 152 mm (6 in) cores, up to 350 mm (14 in) outside diameter
Multi-roll	Print simultaneously on up to 2 rolls (optional)
Thickness	Rigid substrates up to 6.35 cm (2.5 in) with optional flatbed module
<b>Printing</b>	
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)
Modes	4- and 8-color modes with automatic switchover
Outdoor durability	Up to 2 years UV and water resistance <sup>1)</sup>
Ink drop	80 pl
Double-sided printing	Optional double-sided printing on media of up to 3.2 m (10.5 ft) wide
<b>RIP</b>	
Software	GrandRip+ by Caldera or SoftRIP by Wasatch
Input formats	All popular graphic file formats, including PostScript, EPS, Tiff, PSD, PDF, and JPG
<b>Front end software features</b>	
	Printing queue for multi job management, job ticket based operation, automatic calibration, picture tiling, step and repeat, error correction mechanism
<b>Standard features</b>	
	HP Scitex XP2100 Inflatable Feeder
	HP Scitex XP2100 Inflatable Collector
	HP Scitex XP2100 Mesh Kit
	HP Scitex XP2100 Operating Software
<b>Dimensions (w x d x h)</b>	6.5 x 1.53 x 1.8 m (21.33 x 5.02 x 5.91 ft)
Weight	4,500 kg (9,921 lb)
<b>Operating environment</b>	
Temperature	18 to 28° C (64 to 85° F)
Humidity	20 to 80% RH (non-condensing)
<b>Operating requirements</b>	
Electrical voltage	3-phase, 230/400 VAC (±10%) 3 x 20A; 3-phase, 120/208 VAC (±10%) 3 x 25A; 1-phase, 240 VAC (±10%) 1 x 40A (NOTE: This option is not available when using the flatbed module for rigid substrate printing)
Power consumption	15 kVA (12 kW)

<sup>1)</sup> UV and water resistance without coating or lamination; conditions apply

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## Ordering information

Product	HP Scitex XP2100 Printer
CG716A	HP Scitex XP2100 Printer
Options/upgrades	
CG732A	HP Scitex XP2100 Flatbed Module
CG719A	HP Scitex XP2100 Multi-roll Printing Kit
CG728A	HP Scitex XP2100 Double-sided Printing Kit
CG726A	HP Scitex XP2100 Shutters Control Kit
CG724A	HP Scitex XP2100 Adapters for 6 inch (15.2 cm) Cores
Ink supplies	
CD495A	HP XP220 Yellow Scitex Ink (10L)
CD496A	HP XP220 Light Yellow Scitex Ink (5L)
CD497A	HP XP220 Magenta Scitex Ink (10L)
CD498A	HP XP220 Light Magenta Scitex Ink (5L)
CD499A	HP XP220 Cyan Scitex Ink (10L)
CD500A	HP XP220 Light Cyan Scitex Ink (5L)
CD501A	HP XP220 Black Scitex Ink (10L)
CD502A	HP XP220 Light Black Scitex Ink (5L)
Maintenance fluid	
CD544A	HP MF25 Scitex Maintenance Fluid (5L)

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