# HP Scitex XP2100 Printer

A 3.2 m wide format UV printer that delivers fast print speeds, high-quality output, and incredible media versatility.

## 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 $m^2$/hr (1,300 $ft^2$/hr). Meet peak printing demands with a high-quality cruising speed of 90$m^2$/hr (970 $ft^2$/hr) mode.
- **Capitalize on the printer's productivity with the optional HP Scitex XP2100 Multi-roll Printing Kit.**[1] 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 slightly 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.

## 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.
- **Customize your glossy prints with the optional HP Scitex XP2100 Shutters Control Kit.**[1], [2] Fine tune your glossy prints and get the look you want with the optional HP Scitex XP2100 Shutters Control Kit. This kit controls the UV 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 $m^2$/hr (1,300 $ft^2$/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.
- **Provide more choices for your clients and opportunities for your business.**[1] Expand your business with the optional HP Scitex XP2100 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 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.

[1] Optional. Must be ordered separately.
[2] Print quality may vary depending on media type and print mode

# HP Scitex XP2100 Printer

## Technical specifications

| | |
|---|---|
| **Print speed** | Up to 120 $m^2$/hr (1,300 $ft^2$/hr), 2 pass |
| **Print resolution** | Up to 360 dpi, 720 dpi apparent |
| **Media** | |
| Media handling | Roll-to-roll (integrated collection system), roll-to-free fall |
| Types | **Roll-fed:** polyethylene, paper, mesh, vinyl, textiles, blue back paper, SAV |
| | banner material, synthetic paper, Tyvek, Yupo and others |
| Size | **Roll-fed:** up to 3.2 m (10.5 ft) wide |
| 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 |
| **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) |
| Outdoor durability | Up to 2 years UV and water resistance[1)] |
| Ink drop | 80 pl |
| Printing modes | 8-color Sample Mode 30 $m^2$/hr (323 $ft^2$/hr) |
| | 8-color Fine-Press Mode 45 $m^2$/hr (484.3 $ft^2$/hr) |
| | 8-color Press Mode 60 $m^2$/hr (645.8 $ft^2$/hr) |
| | 4-color Press-Plus Mode 65 $m^2$/hr (700 $ft^2$/hr) |
| | 4-color Hi-Press Mode 85 $m^2$/hr (915 $ft^2$/hr) |
| | 4-color X-Press Mode 120 $m^2$/hr (1291.6 $ft^2$/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** | |
| | Printing queue for multi job management, job ticket based operation, |
| | automatic calibration, picture tiling, step and repeat, error correction |
| | mechanism |
| **Standard features** | |
| | HP Scitex XP2100 Inflatable Feeder |
| | HP Scitex XP2100 Inflatable Collector |
| | HP Scitex XP2100 Mesh Kit |
| **Dimensions (w x d x h)** | 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) |
| **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; 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) |
| **Warranty** | 1-year limited hardware warranty |

[1)] UV and water resistance without coating or lamination; conditions apply



## Ordering information

**Product**

| | |
|---|---|
| CG716A | HP Scitex XP2100 Printer |

**Options/Upgrades**

| | |
|---|---|
| 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 |

**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 fluid**

| | |
|---|---|
| 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
Rigid substrates (optional)

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

4AA3-0476ENUC, February 2010

Progressive Profitable Printing