

HP Scitex FB6100 Printer

Print high-quality color directly on a range of wide-format, rigid, or flexible media. Increase productivity and deliver faster with a printer designed for industrial environments. The printer provides 24/7 reliability backed by HP Scitex Support.



Deliver incredible print quality fast

- **Create perfect graphics that pass the scrutiny of your most discriminating client.** Print vibrant, point-of-purchase displays with impressive print quality—up to 1270 x 800 dpi resolution.
- **Produce a wide range of brilliant 8-color output with 28 picoliter ink drops.** The printing system with a small, 28 picoliter drop size and accurate registration produces incredible, high-quality images.
- **Ensure high-quality prints with the HP Scitex FB6100 Smooth Print feature.** The HP Scitex FB6100 Smooth Print feature enables you to continue printing even with a missing nozzle without compromising print quality. The software's advanced algorithm ensures high quality and compensates for missing nozzles.
- **Gain versatility without compromising print quality.** The HP Scitex FB6100 Printer converts from a flatbed to a roll-fed printer and still provides the same high quality your business demands.

Improve the efficiency of your business

- **Meet your customer's fast turnaround requirements.** Print point-of-purchase/point-of-sale quality output at production print speeds up to 66 m²/hr (700 ft²/hr). The HP Scitex FB6100 Printer offers 8-color printing at speeds up to 52 m²/hr (550 ft²/hr) for high-quality indoor prints and 4-color printing at speeds up to 100 m²/hr (1,070 ft²/hr) for outdoor applications.
- **Multiply your productivity—print on multiple sheets at once.** Simultaneously print multiple sheets of rigid media, such as pre-cut sign boards, at one time with a 3.2 x 2 m (10.5 x 6.5 ft) table.
- **Designed for high-volume industrial environments.** With robust, reliable and a heavy-duty frame, this printer is designed for production environments that operate 24/7.

Invest in versatility

- **Enjoy outstanding application versatility—print on rigid and flexible media.** Print directly on virtually any rigid, thick, or heavy specialty media, including glass, wood, metals, or more conventional media such as foam board PVC, corrugated plastic, and MDO/MDF up to 50 mm (2 in) thick. With built-in, roll-to-roll capability, you can also print on flexible, roll-fed media such as vinyl, paper, and banners. The roll-fed media system integrates seamlessly and makes it simple to switch between rigid and roll-fed printing modes.

- **Achieve the highest color fidelity on transparent or colored media.** Give clients the contrast and color fidelity they desire. With the standard White Ink Kit, you can overprint and cover non-white areas of your graphic or use it to make the backside of an image printed on transparent media opaque. You can also use white ink as a spot color for reproducing the white elements on an image.
- **Enjoy the flexibility of selecting the optimal image quality for each job you print.** Switch between 4-, 8-, or 6+ white-color printing quickly and easily for increased versatility and cost-effectiveness. For photo-realistic images that will be viewed up close, use the 8-color printing for up to 1270 x 800 dpi resolution. Switch to 4-color printing for outdoor applications or for super-fast printing at up to 100 m²/hr (1,070 ft²/hr).
- **Customize your glossy prints with the HP Scitex FB6100 Shutters Control Kit.** Fine tune your glossy prints and get the look you want with the HP Scitex FB6100 Shutters Control Kit. This kit controls the light exposure, delaying the curing process and producing glossier prints.

Rest assured with a proven industrial platform

- **Rely on an industry-renowned, proven product.** Count on a proven product with a large worldwide install base.
- **Spend more time printing and less time maintaining your printer.** The HP Scitex FB6100 Printer's flatbed table is easier to maintain and clean after extended use in production environments.
- **Your printer is 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.

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Technical specifications

Print speed	Up to 100 m ² /hr (1,070 ft ² /hr)
Print resolution	Up to 1270 x 800 dpi, 2540 x 1600 dpi apparent
Media	
Handling	Rigid sheet-fed media, roll feed
Types	Rigid: foam PVC, rigid PVC, corrugated boards, foam-core boards, acrylic sheets, polypropylene, polystyrene, polycarbonate, glass, wood, aluminum and others; roll-fed: vinyl, standard paper, blue back paper, SAV, banner material, flag, and others
Size	Rigid: up to 3.2 x 2 m (10.5 x 6.5 ft); roll-fed: up to 2.2 m (87 in) wide
Loading	Rigid: maximum load 20 kg/m ² (4 lb/ft ²); roll-fed: 76 mm (3 in) core, up to 350 mm (14 in) outside diameter
Thickness	Rigid substrates up to 50 mm (2 in) thick
Printing	
Technology	Drop-on-demand, piezoelectric inkjet
Ink types	UV-curable pigmented inks, UV-curable white ink
Ink colors	Cyan, magenta, yellow, black, light cyan, light magenta, light yellow, light black, white
Print heads	16 total (2 per color)
Modes	4- and 8-color modes, 6-color mode with white ink; with automatic switchover
Outdoor durability	Up to 2 years UV and water resistance ¹⁾
Ink drop	28 pl
RIP	
Software	GrandRip+ by Caldera or SoftRIP by Wasatch
Input formats	All popular graphic file formats, including PostScript, EPS, Tiff, PSD, PDF, and JPG
Front end software features	
	Smooth print feature, versatile queue management, job-ticket based operation, automatic calibration, management tools, reports generator, error correction mechanism
Standard features	
	HP Scitex FB6100 Smooth Print Kit HP Scitex FB6100 Shutters Control Kit HP Scitex FB6100 Operating Software
Physical characters	
Dimensions (w x d x h)	5.85 x 5.42 x 1.95 m (19.19 x 17.78 x 6.4 ft)
Weight	5,500 kg (12,125 lb)
Depth	5.88 m (19.29 ft)
Operating environment	
Temperature	18 to 28° C (64 to 85° F)
Humidity	40 to 60% RH (non-condensing)
Operating requirements	
Electrical voltage	3-phase, 230/400 VAC (±10%) 3 x 20A
Power consumption	15 kVA (12 kW)

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

Ordering information

Product	HP Scitex FB6100 Printer
CG714A	
Ink supplies	
CD591A	HP FB200 Specialty Flexible Yellow Scitex Ink (5L)
CD592A	HP FB200 Specialty Flexible Light Yellow Scitex Ink (5L)
CD593A	HP FB200 Specialty Flexible Magenta Scitex Ink (5L)
CD594A	HP FB200 Specialty Flexible Light Magenta Scitex Ink (5L)
CD595A	HP FB200 Specialty Flexible Cyan Scitex Ink (5L)
CD596A	HP FB200 Specialty Flexible Light Cyan Scitex Ink (5L)
CD597A	HP FB200 Specialty Flexible Black Scitex Ink (5L)
CD598A	HP FB200 Specialty Flexible Light Black Scitex Ink (5L)
CD535A	HP FB210 Yellow Scitex Ink (4L)
CD536A	HP FB210 Light Yellow Scitex Ink (4L)
CD537A	HP FB210 Magenta Scitex Ink (4L)
CD538A	HP FB210 Light Magenta Scitex Ink (4L)
CD539A	HP FB210 Cyan Scitex Ink (4L)
CD540A	HP FB210 Light Cyan Scitex Ink (4L)
CD541A	HP FB210 Black Scitex Ink (4L)
CD542A	HP FB210 Light Black Scitex Ink (4L)
Primers	
CD571A	HP PT40 Specialty Glass Scitex Primer
CD572A	HP PT50 Specialty Melamine Scitex Primer
CD573A	HP PT60 Specialty Acrylic Scitex Primer
CD574A	HP PT70 Specialty Polycarbonate Scitex Primer
Maintenance fluid	
CD544A	HP MF25 Scitex Maintenance Fluid 5L

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