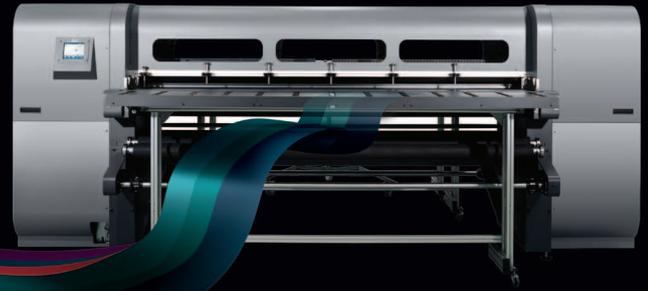# HP SCITEX FB700 PRINTER

Boost your productivity with a printer that lets you print fast and load simultaneously. Print high-quality results on virtually any rigid and flexible media[1] and watch your business grow. Enjoy peace of mind with a robust and reliable device.

BOOST PRODUCTIVITY AND INCREASE YOUR CAPACITY

- Load, print, and collect media simultaneously in high-volume production environments. When printing many copies, the automatic media alignment bar moves down, so you can load the next set of boards. When the first set is done, the printer moves on to the next.

- Loading media is fast and easy, and no masking is required. An automatic alignment bar helps you quickly position media, the printer measures its thickness, and an onboard camera detects the position of loaded media.[2] Print up to 6 sheets at once.

- Minimize interruptions. The printer's automated service station maintains printhead health, eliminating the need for daily maintenance. Enjoy long runs with 3-liter ink supplies.[3] Check the status of the printer remotely thanks to the HP Embedded Web Server.

- Give your customers the quality they need—and at the right price. This printer lets you choose the right combination of speed and quality. Print at various speeds up to 80 m²/hr (861 ft²/hr) for prints that will be viewed from a long distance.[4]

OFFER NEW APPLICATIONS AND GROW YOUR BUSINESS

- Impress even your most demanding customers with incredible image quality. Produce smooth color transitions and sharp image detail with 6-color printing[5] and up to 1200 x 600 optimized dpi resolution.

- Propose new possibilities to customers by showing them how to enrich their prints. Take advantage of white ink for undercoats, overcoats, and spot color.[6] Enrich photos with matte or gloss finishes. Offer double-sided prints and full-bleed printing.

- The range of applications you can offer with this printer are nearly endless. Do more—and save time and money—by printing directly on virtually any rigid or flexible material[1]— even on corrugated plastic with good ink adhesion.

- Easily take on specialty print jobs. Print on materials that are extra thick, up to 6.4 cm (2.5 in), and large, up to 2.5 m (98.4 in) wide by 3.05 m (120 in) long.[7]

ACHIEVE TRUE PEACE OF MIND WITH ALWAYS-ON PRINTING

- Designed with your printshop in mind, this printer uses HP UV-curable inks that do not require special ventilation.[8] And to reduce the risk of exposure or injury due to UV light or moving parts, the entire printing area is fully enclosed.

- Count on this printer's sturdy, robust design to get the job done. A belt-driven media advance system, with self-generated vacuum, plus a high-resolution encoder ensure the precise flow of media. Heavy-duty tables provide full support for your materials.

- This printer provides an easy, convenient white ink option.[6] The process of adding or removing white ink is a simple one. And a unique HP White Ink Homogenizer maintains the stability of the white ink, preventing pigment sedimentation.

- Print with confidence. No daily printhead maintenance is required.[9] An onboard camera detects, and the printer adjusts for misfiring nozzles—for consistent results at production speed.[10] HP Scitex Print Care maintenance assistance helps maximize uptime.

HP SCITEX FB700 PRINTER

TECHNICAL SPECIFICATIONS

Print

Print modes	**Billboard:** Up to 80 m²/hr (861 ft²/hr)
	Express: Up to 42.2 m²/hr (455 ft²/hr)
	Outdoor Signage: Up to 34 m²/hr (366 ft²/hr)
	Indoor Signage: Up to 18.8 m²/hr (202 ft²/hr)
	Photo: Up to 9.9 m²/hr (107 ft²/hr)
White ink printing Overcoat or undercoat[6]	**Outdoor Signage Plus:** Up to 9 m²/hr (97 ft²/hr)
	Indoor Signage: Up to 7.9 m²/hr (85 ft²/hr)
	Photo: Up to 4.1 m²/h (44 ft²/hr)
Print resolution	Up to 1200 x 600 dpi
Technology	Piezoelectric inkjet, UV-curable inks
Ink types	UV-curable, pigment-based ink
Ink cartridge colors	Cyan, magenta, yellow, black, light cyan, light magenta, white (optional)
Ink drop	Variable drop size
Ink cartridge size	3 liter (cyan, magenta, yellow, black, light cyan, light magenta) 2 liter (white)

Media

Handling	Flatbed, sheet feed, and roll feed with optional HP Scitex FB700 Roll-to-Roll Upgrade Kit. Vacuum belt media drive for easy loading and accurate media advance
Rigid media support	Standard input and output tables support rigid materials up to 122 x 250 cm (48 x 98.4 in). Two sets of the optional HP Scitex FB700 Extension Tables support rigid materials up to 305 x 250 cm (120 x 98.4 in)
Roll-fed media support	Optional HP Scitex FB700 Roll-to-Roll Upgrade Kit supports flexible media up to 250 cm (98.4 in) wide, with a roll diameter of up to 23 cm (9 in), up to 81 kg (180 lb) in weight
Thickness	Up to 64 mm (2.5 in)

Connectivity

Interfaces (standard)	Fast Ethernet (100Base-T) with TCP/IP protocol and DHCP support

UV energy source

	Dual shuttered UV lamps. Independent user-selectable control of shutter aperture and of three lamp power levels.

Dimensions (w x d x h)

Printer	411 x 142 x 152 cm (162 x 56 x 60 in)
Printer with standard tables	412 x 254 x 152 cm (162 x 100 x 60 in)
Shipping	435 x 170 x 183 cm (171 x 67 x 72 in)

Weight

Printer	814 kg (1793 lb)
Printer with tables	865 kg (1905 lb)
Shipping	1223 kg (2695 lb)

What's in the box

	HP Scitex FB700 Printer; standard input and output tables; HP webcam with 5 m (16 ft) USB cable; foot switch; cleaning kit; user documentation; site preparation guide; power cord; auxiliary power supply; installation kit

Operating conditions

Temperature	20 to 30° C (68 to 85° F)
Humidity	20 to 80% RH (non-condensing)

Power

Maximum	2500 watts
Printing	1800 watts
Requirements	Input voltage: 200 to 240 VAC, single-phase, 50/60 Hz, 12 A max

Certification

Safety	CE, UL, c-UL
Electromagnetic	CISPR-A, FCC-A, MIC
Environmental	RoHS, WEEE

Warranty

	One-year limited warranty

ORDERING INFORMATION

Product

CQ115A	HP Scitex FB700 Printer

Accessories

CQ118A	HP Scitex FB500/700 White Ink Upgrade Kit
CQ119A	HP Scitex FB700 Roll-to-Roll Upgrade Kit
CQ120A	HP Scitex FB700 Extension Tables
CQ121A	HP Scitex FB500/700/950 Printer Cleaning Kit
CH231A	HP UV Replacement Bulb
CQ755A	HP Scitex Caldera RIP Software
CQ756A	HP Scitex Onyx RIP Software

Original HP ink cartridges

CH216A	HP FB250 3-liter Cyan Scitex Ink
CH217A	HP FB250 3-liter Magenta Scitex Ink
CH218A	HP FB250 3-liter Yellow Scitex Ink
CH219A	HP FB250 3-liter Black Scitex Ink
CH220A	HP FB250 3-liter Light Cyan Scitex Ink
CH221A	HP FB250 3-liter Light Magenta Scitex Ink
CQ123A	HP FB251 2-liter White Scitex Ink Cartridge

Original HP maintenance fluid

CH122A	HP 1-liter UV Printhead Flush

Applications

	POP/POS
	Exterior signage
	Exhibition, event graphics
	Interior decoration
	Directional rigid signage
	Outdoor furniture
	Short-run packaging
	3D displays

Original HP printing materials

Banners	HP HDPE Reinforced Banner—recyclable[1] HP Durable Frontlit Scrim Banner HP Outdoor Frontlit Scrim Banner
Self-adhesive materials	HP Permanent Gloss Adhesive Vinyl HP Permanent Matte Adhesive Vinyl
Films	HP Premium Backlit Film
Polyester fabrics	HP Heavy Textile Banner—recyclable[1] HP Light Textile Display Banner—recyclable[1] HP Wrinkle-free Flag with Liner—recyclable[1]
Papers/photographic papers	HP PVC-free Wall Paper HP White Satin Poster Paper—recyclable[1] HP Photo-realistic Poster Paper—recyclable[1] HP Blue Back Billboard Paper
Specialty materials	HP DuPont™ Tyvek® Banner—recyclable[1] HP Satin Canvas

For more HP large-format printing materials and sizes please visit us online at:
www.hp.com/go/lfprinting/materials-supplies

(1) Flexible media printing with an optional HP Scitex FB700 Roll-to-Roll Upgrade Kit. Printing performance may vary depending on media.
(2) For light colored media.
(3) With the exception of the optional HP FB251 2-liter White Scitex Ink Cartridge.
(4) This speed reflects Express print mode, the highest print speed for outdoor signage to be viewed from very long distances.
(5) 4-color plus white when printer contains white ink. White ink can be added or removed easily through an automated process. To use white ink functionality, the optional HP FB500/700 White Ink Upgrade Kit is required.
(6) Use of white ink requires a separate purchase of the HP Scitex FB500/700 White Ink Upgrade Kit.
(7) HP Scitex FB700 Extension Tables are required for long materials. Two sets are required for printing materials up to 3.05 m (120 in) long.
(8) Special ventilation is not required to meet US OSHA requirements on occupational exposure to VOCs from the HP UV-curable inks used with the HP Scitex FB700 Printer. Special ventilation equipment installation is at the discretion of the customer—no specific HP recommendation is intended. Customers should consult state and local requirements and regulations.
(9) The printer employs fully automatic printhead testing and maintenance systems.
(10) The onboard camera detects misfiring nozzles. The printer then uses algorithms to compensate by substituting in working ones, in order to maintain quality without reducing speed. Not all misfiring nozzles can be compensated.
(11) HP offers the HP Large-format Media take-back program in the U.S., Europe, and Canada (as of June 1, 2010), through which most HP recyclable signage media can be returned, availability varies. Some recyclable papers can be recycled through commonly available recycling programs. For details visit www.hp.com/recycle. Aside from this program, recycling opportunities for these products are currently only available in limited areas. Customers should consult local recycling resources for recycling these products.

FOR MORE INFORMATION, VISIT OUR WEBSITE AT
WWW.HP.COM/GO/SCITEXFB700