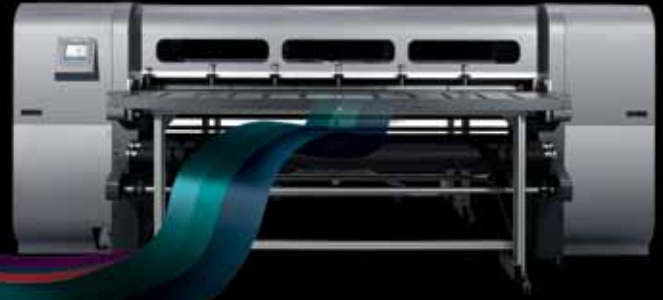




HP SCITEX FB700 PRINTER



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

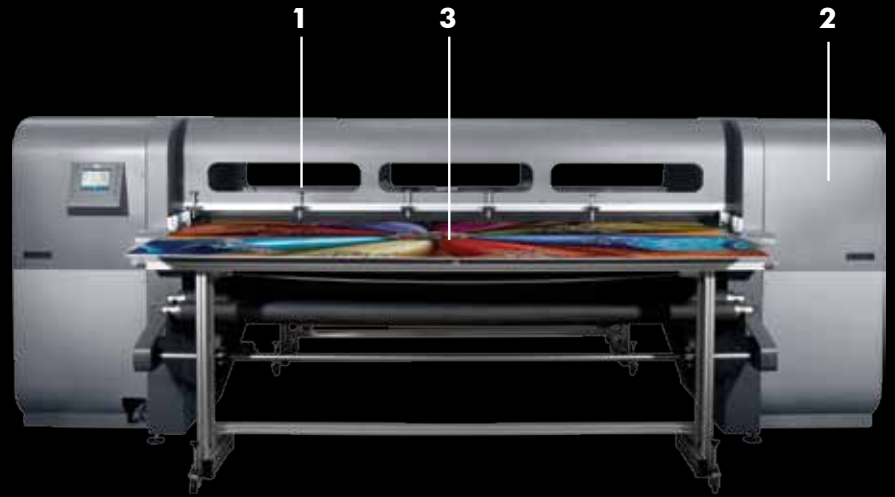
- Print fast, produce high-volumes, and increase your capacity—load, print, and collect media simultaneously.
- Load up to 6 sheets of media fast with the help of automated features. No masking is required.
- Reduce interruptions—no daily printhead maintenance;⁽²⁾ remote monitoring with the HP Embedded Web Server.
- Choose the right speed and quality to meet each customer requirement.

ACHIEVE TRUE PEACE OF MIND WITH ALWAYS-ON PRINTING

- Work comfortably—HP UV-curable inks do not require special ventilation.⁽⁵⁾
- Rely on a robust, high-volume design—including a sturdy media advance system and heavy-duty tables.
- The HP Scitex FB700 Printer makes it easier than ever to use white ink.⁽³⁾
- Experience peace of mind with this reliable HP Scitex printer and HP Scitex Print Care maintenance assistance.

OFFER NEW APPLICATIONS AND GROW YOUR BUSINESS

- Wow your clients with incredible image quality—up to 1200 x 600 optimized dpi—and outdoor display permanence.
- Show clients what's possible. Do more with white ink,⁽³⁾ double-sided prints, matte/gloss, and full bleeds.
- Do more—print on virtually any rigid or flexible media,⁽¹⁾ with good ink adhesion.
- Say yes to just about any request—even when asked to print on thick, heavy, and long⁽⁴⁾ materials.



IMPROVE YOUR RESPONSE TIME, EXECUTE TASKS IN PARALLEL

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.

HP SCITEX FB700 WORKFLOW



COMPETITOR'S WORKFLOW



1. LOADING MEDIA IS FAST AND EASY, 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.⁶ Print up to 6 sheets at once.

3. MAXIMIZE CAPACITY

With this printer's 2.5 m (98 in) width and optional extension tables, you can print on even the largest sheets:

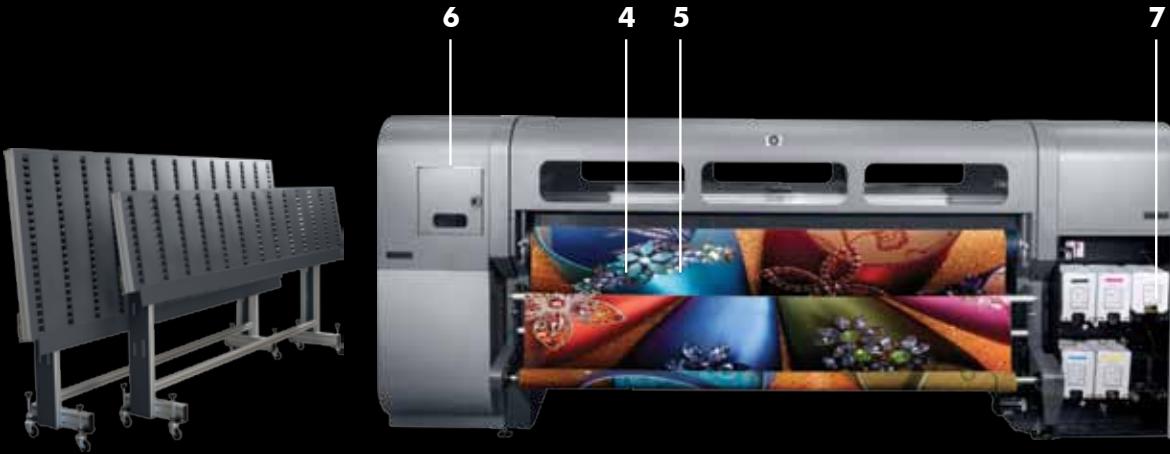
- One set of tables enables you to print up to 2.5 m (98 in) wide and 2.0 m (80 in) long.
- With two sets of tables, you can print up to 2.5 m (98 in) wide and 3.0 m (120 in) long.

2. 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.⁷ Check the status of the printer remotely thanks to the HP Embedded Web Server.





4. 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.⁸



6. PRINT WITH CONFIDENCE. NO DAILY PRINTHEAD MAINTENANCE IS REQUIRED.¹²

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.



5. ENRICH YOUR PRINTS, SAY YES TO JUST ABOUT ANY REQUEST



Propose new possibilities to customers by showing them how to enrich their prints. Take advantage of white ink for undercoats, overcoats, and spot color.¹³ Enrich photos with matte or gloss finishes. Offer double-sided prints and full-bleed printing. Print directly on virtually any rigid or flexible material¹¹—even on corrugated plastic with good ink adhesion. Outdoor prints achieve display permanence of 2-3 years unlaminated on a range of rigid materials.¹⁹

7. RELY ON A ROBUST, HIGH-VOLUME DESIGN



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 also provides an easy, convenient white ink option.¹³ 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.

HP SCITEX FB700 PRINTER

TECHNICAL SPECIFICATIONS

Print	
Print modes	Billboard: Up to 80 m ² /hr (861 ft ² /hr) Express: Up to 42.2 m ² /hr (455 ft ² /hr) Outdoor Signage: Up to 34 m ² /hr (366 ft ² /hr) Indoor Signage: Up to 18.8 m ² /hr (202 ft ² /hr) Photo: Up to 9.9 m ² /hr (107 ft ² /hr)
White ink printing	Outdoor Signage Plus: Up to 9 m ² /hr (97 ft ² /hr)
Overcoat or undercoat ¹⁷	Indoor Signage: Up to 7.9 m ² /hr (85 ft ² /hr) Photo: Up to 4.1 m ² /h (44 ft ² /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)
Relative Humidity	20-80%, non-condensing (with synthetic media 40% min recommended to avoid static electricity; with paper-based media 60% max recommended to avoid buckling)
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, cUL
Electromagnetic	CISPR-A, FCC-A, MIC
Environmental	RoHS, WEEE
Warranty	
	One-year limited warranty

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

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 4AA0-2662ENW, September 2010

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) The printer employs fully automatic printhead testing and maintenance systems.
- (3) Use of white ink requires a separate purchase of the HP Scitex FB500/700 White Ink Upgrade Kit.
- (4) HP Scitex FB700 Extension Tables are required for long materials.
- (5) 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.
- (6) For light colored media.
- (7) With the exception of the optional HP FB251 2-liter White Scitex Ink Cartridge.
- (8) This speed reflects Billboard print mode, the highest print speed for outdoor signage to be viewed from very long distances.
- (9) Image permanence estimate by HP Image Permanence Lab. Display permanence tested August 2010 according to SAE J2527 using HP FB250 and FB251 Scitex Inks on a range of rigid media with up to 4 years display permanence achieved using color inks on HP Permanent Gloss Adhesive Vinyl; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance varies based on the color/white ink overlay combination; in addition performance may vary as environmental conditions change. For the other commercially-available media tested: actual results may vary, this information is provided for reference purposes only. For more information, see www.hp.com/go/supplies/printpermanence.
- (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 North America and Europe, through which most HP recyclable 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.

