WHAT DO YOU HAVE TO SAY?

HP Scitex FB950 Printer

Impress your most demanding customers with consistent, high-quality prints and media versatility. Print on virtually any rigid[1] or flexible[4] media. Produce more each shift with time-saving features. Rest assured with HP quality and reliability.

Increase business with diverse, high-quality prints.

- **Impress your most demanding customers with high-quality prints on both rigid and flexible[4] media.** Print high-quality POP displays, tradeshow and event graphics, and more that stand up to close viewing. Six HP Scitex FB250 color inks and twelve printheads with variable sized drops combine to produce great image detail—up to 1200 x 600 optimized dpi—and smooth color transitions across a wide variety of media.

- **Open your business to new markets. Print on virtually any rigid[1] or flexible[4] media.** Offer your customers new possibilities by printing directly on virtually any rigid media[1], including corrugated or compressed carton; foam board; plastics like corrugated polypropylene, PVC, or acrylic; or specialty material like glass, wood, and aluminum.

With the optional roll-feed and take-up system, print on a variety of inexpensive roll-feed material such as vinyl, fabrics, films, paper, and more.

- **Benefit from unlimited possibilities—print on heavy, thick, or uneven material.** An industrial vacuum belt system enables printing on warped, uneven, or heavy media up to 56.7 kg (125 lb). This flatbed printer automatically detects heavy media and adjusts the media advance accordingly. Print on rigid media up to 6.3 cm (2.5 inch) thick with automatic printhead height adjustment.

- **Discover new options with one printer that produces both double-sided and full-bleed prints[2].** Your prints are ready to deliver right from the printer, enabling you to move on to your next print job sooner. Focus more on your business and less on your printer.

HP Scitex FB950 Printer

Shown with standard roller table

1. Touchscreen control panel

2. Automatic media alignment bar makes loading sheets fast and accurate

3. Multi-sheet media alignment pins

4. Front and rear tables support rigid materials from 15x23 up to 250x203 cm (6x9 to 98.4 x80 in). A second set of roller tables (optional) support rigid materials up to 381 cm (150 in) in length
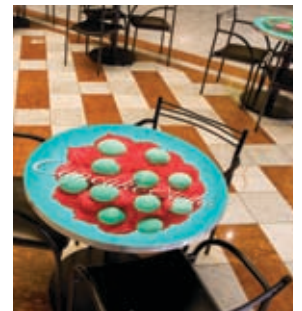
5. Variable vacuum belt-driven media feed

6. Optional roll feed supply and take-up system supports media up to 2.5 m (98.4 in) wide on 2 or 3 in cores with an outside diameter of up to 22.8 cm (9 in)

Shown with optional roll-feed and take-up system

Open your business to new markets. Print on virtually any rigid[1] or flexible[4] media

Detail of HP Scitex FB950 touchscreen and control panel

HP Scitex FB250 3-liter ink boxes - for long print runs

Accelerate and streamline your workflow.

- **Deliver high speed with amazing quality—select the speed and quality best suited to your application.** Select the image quality, speed, and resolution to achieve the look and price your customers expect. Billboard, Production, and High-quality printing modes provide you and your customer with more choices. Production mode provides print speeds of up 42.2 m^2/hr (455 ft^2/hr) at 600 x 300 optimized dpi. Billboard mode delivers the highest print speed at up to 80 m^2/hr (861 ft^2/hr) at 600 x 300 optimized dpi for prints that will be viewed from the distance.

- **Print more each shift and increase your productivity between sheets.** A fast media feed system minimizes time between copies, facilitating a faster turnaround time. While printing, vacuum in the load zone turn off and the automatic media alignment bar moves down, allowing you to easily load the next set of boards. When the first set of boards finishes printing, the printer quickly moves to the next set.

- **Be more productive. Print multiple sheets simultaneously or print multiple copies at the same time.** Simultaneously print multiple copies on up to six sheets of rigid media, such as pre-cut sign boards. Or print copies on large sheets up to 2.5 m (98.4 inch) wide and 381 cm (150 inch) in length with a second set of optional roller tables.[5]

- **Interact with the printer easily with a touchscreen control panel, and save time with stored jobs.** Save time by storing the jobs you print most frequently in the printer and reprinting them from the control panel without returning to your RIP. Or process your files overnight, save them at the printer, and print them the next morning.

- **Minimize interruptions with reliable, high-capacity HP supplies designed for high-volume business.** Enjoy long print runs and increased productivity with 3-liter, high-capacity ink containers and media roll[4] capacity up to 2.5 m (98.4 inch) wide on a 7.6 cm (3 inch) core. Interactive technology built into the HP Scitex FB950 Printer and HP supplies tracks and displays the amount of ink remaining for each color, enabling you to monitor the ink available and plan ahead prior to long print runs.

Trust HP quality and reliability.

- **Designed to be productive and reliable in demanding, high-volume environments.** The solid media feed system includes a vacuum belt-driven media advance system, two heavy-duty roller tables, a media alignment bar, and two media flatness rollers. Automatic printhead height adjustment enables safe printing on thick materials. Independently managed shutters allow you to control UV curing while extending the life of the lamps.

- **Your printer is available and productive with HP, a name you know and trust.** At HP, we are fully committed to our clients' long-term success. Count-on HP for trouble-free printing with consistent, reliable performance.

- **Get consistent results thanks to an onboard camera, spectrophotometer, and embedded software.** Enjoy consistency from print to print. Using the onboard camera, the printer aligns the print heads to ensure precise positioning of ink drops, and misfiring nozzles are detected and substituted by working ones, maintaining quality without reducing speed. Colors are predictable and accurate thanks to the onboard spectrophotometer and support from your RIP.[3] Printer-generated targets are scanned and measured so that your RIP can access them to apply color linearization and create color profiles.

- **What you used to do manually, the printer will do for you automatically.** The printer's automated printhead service station maintains the health of the printheads without requiring operator intervention. The onboard camera detects the width and position of the loaded media, and the printer adjusts the image to position it precisely.

- **HP helps provide a safe printing environment for your employees and customers.** HP Scitex FB250 UV inks can help ease your environmental, health, and safety concerns. This flatbed UV printer produces very low VOCs (Volatile Organic Compounds), and no special ventilation is required to meet occupational exposure limits.

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[1] Reflective substrates are not supported.

[2] Double-sided and full-bleed prints are available on rigid media only.

[3] This feature may not be supported by your RIP. Check manufacturer specifications.

[4] Flexible media printing with an optional Roll-fed Media Supply and Take-up system.

[5] Optional roller tables must be purchased separately.

HP Scitex FB950 Printer

Technical specifications

Print speed	
High Quality (600 x 600 dpi)	10.5 m²/hr (113 ft²/hr)
Production (600 x 600 dpi)	21.1 m²/hr (226 ft²/hr)
Production (600 x 300 dpi)	42.2 m²/hr (455 ft²/hr)
Billboard (600 x 300 dpi)	80 m²/hr (861 ft²/hr)

Printing	
Print resolutions	1200 x 600, 600 x 600, 600 x 300 dpi
Margins	Borderless on rigid material, 0.6 cm (0.25 in) left/right on roll media
Technology	UV-curable inkjet
Ink types	HP Scitex FB250 UV pigment inks
Ink colors	Cyan, magenta, yellow, black, light cyan, light magenta
Ink drop	Variable drop size
Minimum readable text size	4points positive / 6points negative
Ink cartridge size	3 liter[1]
Printheads	12 printheads (2 per color)
Cleaning solution	HP UV Printhead Flush, 1-liter bottle

Media	
Handling	Flatbed, sheetfed and rollfed with optional roll feed and take-up system. Vacuum belt media drive for easy loading and accurate media advance.
Rigid media support	Front and rear roller tables support rigid materials from 15 x 23 up to 250 x 203 cm (6 x 9 to 98.4 x 80 in). A second set of roller tables (optional) support rigid materials up to 381 cm (150 in) in length
Roll-fed media support	Optional roll-feed and take-up system supports up to 2.5 m (98.4 in) wide roll-fed media on 2 or 3 inch cores with an outside diameter of up to 22.8 cm (9 in)
Thickness	Up to 64 mm (2.5 in)

Interface	
	10/100Base-T Ethernet with VideoNet protocol

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	406 x 122 x 155 cm (160 x 48 x 61 in)
Printer with tables	406 x 325 x 155 cm (160 x 128 x 61 in)
Shipping	434 x 160 x 182 cm (171 x 63 x 72 in)

Weight	
Printer	684 kg (1507 lb)
Printer with tables	752 kg (1657 lb)
Shipping	1122 kg (2473 lb)

What's in the box	
	HP Scitex FB950 Printer, HP Scitex FB250 ink (6 x 1 L)[1], UV printhead flush (1 L), input and output roller tables, 7.6 m (25 ft) VideoNet interface cable, documentation

Operating environment	
Electrical	200 to 240 VAC, 3-phase, 50/60 Hz, 12 A max
Operating temperature	20 to 30° C (68 to 85° F)
Operating humidity	20 to 80% RH (non-condensing)
Agency compliance/Certification	**HP Scitex FB950 EU Printer:** RoHS, CE, WEE, CISPR-A, MIC
	HP Scitex FB950 Printer: UL, c-UL, FCC-A, MIC
Warranty	One-year limited hardware warranty

Ordering information

Product
CH109A	HP Scitex FB950 EU Printer
CH154A	HP Scitex FB950 Printer

Accessories
CH231A	HP UV Replacement Bulb
CH151A	HP Scitex 12-pack UV Lamp Air Filters
CH240A	HP Scitex Second Set Roller Table
CM763A	HP Scitex FB900 Roll to Roll Kit
CH242A	HP Scitex FB900 Phase Converter Plug Kit
CM761A	HP Scitex FB950 Exhaust Kit

RIPs
CH224A	HP with Color Profiling RIP Software
CH226A	HP RIP Software Upgrade

Ink cartridges
CH216A	HP Scitex FB250 Cyan Ink
CH217A	HP Scitex FB250 Magenta Ink
CH218A	HP Scitex FB250 Yellow Ink
CH219A	HP Scitex FB250 Black Ink
CH220A	HP Scitex FB250 Light Cyan Ink
CH221A	HP Scitex FB250 Light Magenta Ink
CH122A	HP UV Printhead Flush

[1] 1 liter cartridges included with printer as start up kit, replacement inks sold in 3 liter cartridges only

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

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