EXPAND YOUR OUTDOOR/INDOOR APPLICATION VERSATILITY

• Choose from a wider range of media now that you can print directly on vinyl, wallpaper, and polyester fabrics.

• Do more with this printer and quickly see a return on your investment. Produce applications that generate higher profits like POP displays, light boxes, soft signage, customized wallpaper and other interior decorations, and vehicle wraps.

• Achieve outstanding image quality. This six-color printing system with HP Latex Inks produces a wide color gamut—comparable to low-solvent ink technology—for rich hues and vibrant tones. Print up to 4 pt text with 1200 dpi resolution.

• Outdoor prints achieve display permanence up to three years un laminated, up to five years laminated; indoor prints up to five years un laminated, up to ten years laminated. Scratch, smudge, and water resistance is comparable to low-solvent inks.

STunning IMAGE QUALITY AT PRODUCTION SPEED

• Deliver stunning quality at production speed—see high-impact POP prints at up to 39 m²/hr and light boxes and indoor soft signage at up to 23 m²/hr. Automatically achieve high image quality and consistency with the HP Optical Media Advance Sensor (OMAS).

• Reduce maintenance with automatic printhead testing and servicing. Avoid the delay of a service call with user-replaceable printheads. Produce consistent colors with automatic color calibration using the embedded spectrophotometer.

• Work with an HP technician for remote maintenance assistance to maximize uptime. With HP Scitex Print Care tools and services, use production and job cost information that can help you improve efficiency and reduce waste and costs.

DIFFERENTIATE, WIN NEW BUSINESS, ENABLE NEW PROFIT

• Consider the profit potential—you can reduce waste disposal and equipment costs. Water-based HP Latex Inks have no hazard warning labels, no HAPs, and are non-flammable and non-combustible. No special ventilation or external dryer is required.

• Produce prints ideal for indoor areas where odor is a concern. Produce odorless HP Latex Ink prints—a clear advantage over prints produced with low-solvent inks.

• Offer new value and win new business. HP offers 7 recyclable media, including HP HDPE Reinforced Banner, and the HP media take-back program. You can also choose from a range of PVC-free alternatives and return and recycle HP Wide Scan Printheads.

• Print with HP Latex Inks on HP PVC-free Wall Paper and offer odorless indoor wall decorations that meet GREENGUARD criteria for low emitting products. HP Latex Inks also meet the chemical requirements of the Nordic Ecolabel (Nordic Swan) for printing companies.

Increase your outdoor/indoor application versatility with the 104-in (2.6 m) HP Scitex LX600 Printer. High-quality prints are delivered at true production speed. Attract environmentally conscious customers with HP Latex Inks and recyclable HP media.
HP SCITEX LX600 PRINTER

HIGH PRODUCTIVITY. HIGH QUALITY.

1. WIN BUSINESS WITH FASTER TURNOVER TIMES
   HP Latex Inks are completely dried inside the printer to form a durable film on the print medium. Prints come off the printer dry so you can move right on to laminating, finishing, shipping, or display.

2. SAVE TIME WITH USER-REPLACEABLE PRINTHEADS
   • The HP Scitex LX600 Printer is designed to save you time and keep you productive. Avoid the delay of a service call with user-replaceable printheads. Automatic printhead testing and servicing systems reduce manual maintenance and enable reliable unattended printing.
   • HP Wide Scan Printing Technology delivers high image quality at high print speeds. HP Wide Scan Printheads have been designed together with HP Latex Inks for low user maintenance, reliable performance, and maximum productivity.

3. ATTRACT CUSTOMERS WITH STUNNING IMAGE QUALITY
   • The HP Optical Media Advance Sensor (OMAS) automatically achieves high image quality and consistency with accurate media advance between wide print swaths.
   • The printhead uses an embedded spectrophotometer to automatically scan a printer-generated color target, measure its properties, then make and record any corrections. This allows for fully automated color calibration.

4. IMPROVE YOUR WORKFLOW
   Experience a more efficient workflow with the HP Internal Print Server, which enables independent print queue management and manual nesting.

POINT OF PURCHASE POSTERS
Reduce costs without compromising quality
• Print on low-cost uncoated papers – With HP Latex Inks, you can print on uncoated papers, and reduce your media costs by up to 30%. Solvent printers require more expensive coated papers to achieve the same results.
• Achieve excellent image quality – Produce prints with high resolution up to 1200 dpi, wide gamut and saturated colors, suitable for both long- and short-distance viewing.

LIGHT BOXES
Deliver vibrant, saturated colors at high productivity
• Achieve excellent image quality – Produce high-resolution prints up to 1200 dpi, with dense, saturated colors that stand up to close inspection.
• Eliminate drying time – Prints are fully dried inside the printer, allowing you to deliver immediately. With water-based, solvent or Lambda technologies, you need to leave prints to fully dry before packing or mounting.
• Print on lower cost films – With HP Latex Inks, you can print on uncoated polyester films, with excellent image sharpness. Water-based and Lambda technologies require more expensive films.

SOFT SIGNAGE®
Complement your business without losing versatility
• Print on lower-cost uncoated polyester fabrics – With HP Latex Inks, you can print on un-coated polyester fabrics with excellent image sharpness, and save up to 30% on substrate costs. Solvent printers require more expensive coated fabrics to achieve the same image quality results.
• Print direct to fabric – With HP Latex Inks, you can print directly onto the fabric in a simple, one step process. Dye sublimation printing requires additional dye transfer equipment, transfer paper and a more complex two step process.

WALL COVERINGS
Discover a new market opportunity
• Create odorless prints – Prints produced with HP Latex Inks are odorless, making them ideal for any location where odor is a concern. Great news for wall coverings and wall papers, which cover a large surface, and where any odor would be immediately noticeable.
• Print with HP Latex Inks on HP PVC-free Wall Paper and offer odorless indoor wall decorations that meet GREENGUARD criteria for low emitting products. HP Latex Inks also meet the chemical requirements of the Nordic Ecolab (Nordic Swan) for printing companies.

VEHICLE WRAPS AND GRAPHICS
Cut turnaround times dramatically
• Laminates prints right after printing – Prints are fully dried inside the printer and can be laminated immediately. No external dryer or drying time is required, saving 24-48 hours. With no need to wait for drying, it is possible to accept urgent turnaround and same-day jobs that can command a premium price.
• Enjoy excellent flexibility and conformability – HP Latex Inks have excellent flexibility and can stretch with the vinyl during mounting without cracking. Unlike low/eco-solvent inks, HP Latex Inks soften, rather than dissolve, the surface of the print medium, providing better long-term adhesion and elasticity. Customers tell us that HP Latex Ink prints are easier and faster to install, and that they have saved 20% wrapping time versus solvent-printed wraps.

HP 104-IN DUAL ROLL KIT
(Optional accessory Q6705A)
Take advantage of your printer’s full width and achieve a level of unattendedness similar to single-roll printing but with much better productivity. A sturdy design enables unattended operation. Increase print speed and output with two rolls.
• Increase print speed and total productivity.
• Reliably designed, the HP 104-in Dual Roll Kit features a differential hub that enables continuous and automatic adjustment of tension among the two media rolls.
• Print two different jobs at the same time with a kit that accommodates rolls of varying widths and lengths.
HP SCITEX LX600 PRINTER

TECHNICAL SPECIFICATIONS

Print
- Print modes: Highly-saturated fabrics and backlit: Production plus (10 pass bidirectional) - 23 m²/hr (247 ft²/hr)
- For fabrics and backlit: Production plus (6 pass bidirectional) - 39 m²/hr (418 ft²/hr)
- For high-quality indoor: High Quality (6 pass bidirectional) - 39 m²/hr (418 ft²/hr)
- For outdoor billboards: Billboard (2 pass unidirectional) - 79 m²/hr (846 ft²/hr)
- For drafts: Draft (pass unidirectional) - 157 m²/hr (1691 ft²/hr)

Technology
- HP Wide Scan Printing Technology

Ink types
- HP Latex Inks

Ink cartridge colors
- Cyan, magenta, yellow, black, light magenta, light cyan

Ink drop
- 12 pl

Ink cartridge size
- 3 liter

Printheads
- 3 (cyan/black, yellow/magenta, light cyan/light magenta)

Nozzles
- 10,560 per printhead

Media
- Handling: Roll-to-roll, Dual Roll
- Types: Banners, self-adhesives, films, fabric, paper, mesh, specialty
- Size: Single roll: up to 2.64 m (104 in) wide
- Weight: Single roll: up to 110 kg (242 lb)
- Roll diameter: Up to 25 cm (9.8 in) inside diameter
- Thickness: Up to 0.8 mm (31.5 mil)

Connectivity
- Interfaces (standard): Gigabit Ethernet (1000base-T)
- Dimensions (w x d x h): 517 x 166 x 166 cm (204 x 65 x 65 in)
- Weight: 739 kg (1,631 lbs)

What's in the box
- HP Scitex LX600 Printer, HP LX600 Scitex Printheads, 104-in spindles, pneumatic gun, 3-liters latex cartridge, HP internal print server, HP 19-in LCD monitor, HP webcam with USB cable, documentation software, Ethernet cable, electrical configuration kit with fuses

Environmental ranges
- Operating temperature: 15 to 30 °C (59 to 85 °F)
- Operating humidity: 20 to 70% RH (non-condensing)

Power
- Maximum: Three phase: 12 kW, single phase: 1 kW
- Printing: Three phase: 6 to 12 kW, single phase: 1 kW
- Powersource: Three phase: 0 kW, single phase: 310 V
- Off: 0.1 W

Requirements
- Power: Three phase (line-to-line voltage): 200 to 220 VAC (+/- 10%), 380 to 415 VAC (10% +/-3%), 50/60 Hz - 32 A max, single phase: 115 to 127 VAC (+/- 10%), 200 to 240 VAC (10% +/-3%) (Japan 200 V): 50/60 Hz, 10 A max

Certification
- United States and Canada (CSA listed): EU (LDV and MD compliant, EN60950, 121001 and 60204-1), Russia (GOST)
- Electromagnetic: Compliant with Class A requirements, including USA (FCC rules), Canada (DOC), EU (EMC Directive), Australia (ACMA), New Zealand (NZC)
- Environmental: RoHS, WEEE, REACH

Warranty
- One-year limited hardware warranty

ORDERING INFORMATION
- Product: Q6704A HP Scitex LX600 Printer
- Accessories: CK832A HP Scitex UX Printer Cleaning Kit
- CK833A HP 104-in Spindle
- Q705A HP 104-in Dual Roll Kit
- C0755A HP Scitex Caldera RIP Software
- C0756A HP Scitex Cityx RIP Software
- Original HP printheads: CC592A HP LX600 Yellow/Magenta Scitex Printhead
- CC593A HP LX600 Cyan/Black Scitex Printhead

Original HP ink cartridges
- CC585A HP LX600 3-liter Black Latex Scitex Ink Cartridge
- CC586A HP LX600 3-liter Cyan Latex Scitex Ink Cartridge
- CC587A HP LX600 3-liter Magenta Latex Scitex Ink Cartridge
- CC588A HP LX600 3-liter Yellow Latex Scitex Ink Cartridge
- CC589A HP LX600 3-liter Light Cyan Latex Scitex Ink Cartridge

Original HP maintenance kit
- CC591A HP LX600 3-liter Light Magenta Latex Scitex Ink Cartridge

Original HP printing materials
- Banners: HP Heavy Textile Banner—recyclable, HP Light Textile Display Banner—recyclable, HP Wrinkle-free Flag with Liner—recyclable
- Specialty: HP DuPont® Tyvek® Banner—recyclable, HP Satin Canvas

FOR MORE INFORMATION, VISIT OUR WEBSITE AT WWW.HP.COM/GO/SCEITEXLX600