

HP Scitex XL1500 Printer

The HP Scitex XL1500 Printer series—a third-generation digital printing system—is an excellent solution for printing a wide range of super-wide format applications. Its high versatility, productivity, and print quality enables a fast ROI.



Print almost any application on almost any media.

- **Print any width and any length in virtually any thickness.**

The HP Scitex XL1500 Printer can print jobs up to 2.2 m, 3.2 m, and 5 m (7.2 ft, 10.5 ft, and 16.4 ft) wide, according to the printer model. For wider jobs, use the multi-roll feature to print different tiles of a job on different media rolls—or print narrower jobs. The maximum print length is limited only by the length of the media roll. This printer series can handle almost any thickness of flexible media that can be rolled, approximately 10 mm (0.4 in).

- **Easily switch between four, six, and eight color printing to expand your application options.**

Easily switch between four, six, and eight color printing to meet the needs of almost any super-wide format job. Selecting four, six, or eight color ink printing enables you to print a wide variety of jobs while maintaining high productivity.

- **Print double-sided applications with accurate registration between sides.**

With double-sided printing, you can create backlit applications with precise registration, creating a consistent image whether viewed during the day or night. For applications that will be viewed from both sides, print on blackout material.

- **Print on almost any media, from standard to high-profit, to create a range of applications.**

The HP Scitex XL1500 Printer has high media versatility, supporting flexible substrates. Mainstream applications include exhibition and event banners, outdoor signage, textiles, and more.

High-performance and a fast return on your investment

- **Print at high speed—up to 124 m²/hr (1,333 ft²/hr).**

With effortless switching between modes, you can be sure you'll always have the right quality, and the right productivity. Choose draft mode for long-distance viewing applications and race ahead at up to 124 m²/hr (1,333 ft²/hr).

- **Save time and money by printing on up to three rolls simultaneously.**

With multi-roll printing, print either the same image on all rolls (Step and Repeat), or print different images on each roll.

- **Move part of your print job to finishing while the remainder is still printing with free-fall printing.**

With the free-fall feature, the printed substrate flows down or is collected on a secondary bar, so you can move it to the finishing process while the remainder prints.

- **Improve productivity with the skip-white feature.**

Advanced, user-friendly printer software includes the skip-white option, which saves time on low print-coverage applications.

- **Improve productivity with the high-performance, dedicated I-RIP for HP Scitex.**

A leading RIP for four-, six-, and eight-color printing systems, the I-RIP for HP Scitex is optimized for the HP Scitex XL1500 Printer. The work-in-parallel option enables improved productivity by allowing the RIP to process one file while the printer operator prepares the next file. Quickly transition between jobs by loading the next file while the current job is printing.

Deliver vibrant and durable applications

- **Printer series offers a high quality-to-speed ratio and achieves superb quality in multiple modes.**

This printer series enables printing in multiple modes from draft to high quality. You can achieve high-quality output at speeds of up to 60 m²/hr (645 ft²/hr) and a maximum resolution of up to 370 x 740 dpi.¹ HP Supertext enables high clarity on small and fine text. Sample mode is ideal for point of purchase, fine art, and short viewing distance applications.

- **Durable HP Scitex inks enable optimized usage of your HP printer and consistent production.**

HP Scitex XL300 Supreme inks offer an extended color gamut, deliver a smooth appearance, and dry completely, even in heavily loaded, double-sided blockouts. A special dark/light ink reservoir structure enables enhanced image quality through minimum graininess, maximum natural color, and highly accurate registration.

- **Print vibrant colors with up to two-year outdoor durability² with up to eight HP Scitex inks.**

Eight dedicated HP Scitex XL300 Supreme pigmented solvent-based inks allow you to print a wide range of vibrant colors that have a durability of up to two years.²

- **Use the included RIP's enhanced color management tools to produce accurate, consistent colors.**

Apply the dedicated I-RIP for HP Scitex's enhanced color management features to control saturation, gray levels, and color replacement. You can modify jobs to achieve just the right look before you print—saving time and money. RIP supports all popular graphic file formats, including TIFF, EPS, PS, JPEG, PDF, Photoshop, and more.

¹ Apparent in XL quality mode and sample mode

² According to standard ASTM-D2565-99

HP Scitex XL1500 Printer

Technical specifications

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|-------------------------------|--|
| Print speed | HP Scitex XL1500 5m: Up to 124 m ² /hr (1,333 ft ² /hr) HP Scitex XL1500 3m: Up to 118 m ² /hr (1,268 ft ² /hr) HP Scitex XL1500 2m: Up to 105 m ² /hr (1,129 ft ² /hr) |
| Print resolution | Up to 740 x 370 dpi (apparent in XL quality mode and sample mode) |
| Media | |
| Handling | Roll-to-roll, roll-to-free fall |
| Types | Self-adhesive vinyl, PVC, mesh, fabrics, flexface banner, paper, and more |
| Size | HP Scitex XL1500 5m: Roll-fed media up to 5.2 m (17 ft) wide HP Scitex XL1500 3m: Roll-fed media up to 3.4 m (11.2 ft) wide HP Scitex XL1500 2m: Roll-fed media up to 2.4 m (7.9 ft) wide |
| Loading | Up to 400 kg (882 lb) rolls, up to 40 cm (15.75 in) outside diameter |
| Multi-roll | Print simultaneously on up to 3 rolls (HP Scitex XL1500 5m), up to 2 rolls (HP Scitex XL1500 3m) |
| Thickness | Up to 1 cm (0.393 in) thick |
| Printing | |
| Technology | Drop-on-demand piezoelectric inkjet |
| Ink types | Solvent pigmented inks |
| Ink compatibility | HP Scitex XL400 Supreme Ink, HP Scitex XL300 Supreme Ink |
| Ink colors | Cyan, magenta, yellow, black, light cyan, light magenta, light yellow, light black |
| Print heads | 32 total (8 per color in 4 color mode, 4 per color in 8 color mode) |
| Modes | Switchable between 4, 6, and 8-color process |
| Outdoor durability | Up to 2 years UV and water resistance ¹⁾ |
| Printable area | HP Scitex XL1500 5m: 5 m (16.4 ft) wide x media roll length HP Scitex XL1500 3m: 3.2 m (10.5 ft) wide x media roll length HP Scitex XL1500 2m: 2.2 m (7.2 ft) wide x media roll length |
| RIP | |
| Software | I-RIP for HP Scitex by Onyx |
| Input formats | All popular graphic file formats, including EPS, PostScript level 3, and PDF |
| Special features | Switch between 4, 6 and 8 colors and back, load file while printing, Sample mode - sharp 8 point text, multi-roll handling, backlit and double-sided printing, skip white, HP Supertext |
| Dimensions (w x d x h) | |
| | HP Scitex XL1500 5m: 6.5 x 1.5 x 2 m (21.3 x 4.9 x 6.7 ft) HP Scitex XL1500 3m: 4.7 x 1.5 x 2 m (15.4 x 4.9 x 6.7 ft) HP Scitex XL1500 2m: 3.6 x 1.5 x 2 m (11.8 x 4.9 x 6.7 ft) |
| Weight | |
| | HP Scitex XL1500 5m: 3,700 kg (8,222 lb) HP Scitex XL1500 3m: 2,900 kg (6,444 lb) HP Scitex XL1500 2m: 2,300 kg (5,111 lb) |
| Operating environment | |
| Temperature | 20 to 25° C (68 to 77° F) |
| Humidity | 40 to 70% RH (non-condensing) |
| Operating requirements | |
| Electrical voltage | 3-phase, 220 to 240 VAC, 50/60 Hz, 63 A per phase; 10 to 120 VAC, 3 phase, 60 Hz, 63 A per phase |
| Power consumption | 45 kVA (36 kW) |

¹⁾ According to standard ASTM D2565-99

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Ordering information:

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| Product | |
| CG738A | HP Scitex XL1500 2m Printer |
| CG744A | HP Scitex XL1500 3m Printer |
| CG745A | HP Scitex XL1500 5m Printer |

Options/Upgrades

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|---|-------------------------------|
| HP Scitex XL1500 DS Upgrade: [*] | |
| 510F00149 | HP Scitex X1500 DS Upgrade 5m |
| 510F00150 | HP Scitex X1500 DS Upgrade 3m |
| 510F00151 | HP Scitex X1500 DS Upgrade 2m |

Ink supplies

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|-----------|---------------------------------------|
| 480I00712 | HP Scitex XL400 SUPREME- CYAN 5L |
| 480I00713 | HP Scitex XL400 SUPREME- MAGENTA 5L |
| 480I00714 | HP Scitex XL400 SUPREME- YELLOW 5L |
| 480I00715 | HP Scitex XL400 SUPREME- BLACK 5L |
| 480I00716 | HP Scitex XL400 SUPREME- L/CYAN 5L |
| 480I00717 | HP Scitex XL400 SUPREME- L/MAGENTA 5L |
| 480I00718 | HP Scitex XL400 SUPREME- L/YELLOW 5L |
| 480I00719 | HP Scitex XL400 SUPREME- L/BLACK 5L |
| 480I00170 | HP Scitex XL300 SUPREME CYAN |
| 480I00171 | HP Scitex XL300 SUPREME MAGENTA |
| 480I00172 | HP Scitex XL300 SUPREME YELLOW |
| 480I00173 | HP Scitex XL300 SUPREME BLACK |
| 480I00174 | HP Scitex XL300 SUPREME LIGHT CYAN |
| 480I00175 | HP Scitex XL300 SUPREME LIGHT MAGENTA |
| 480I00176 | HP Scitex XL300 SUPREME LIGHT YELLOW |
| 480I00177 | HP Scitex XL300 SUPREME LIGHT BLACK |

Maintenance fluid

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|-----------|--------------------|
| 480I00537 | HP Scitex MF 10 |
| 480I00284 | HP Scitex MF 10 5L |

^{*} Compatible only with legacy Scitex Vision XL1500 Premium printers and original HP Scitex XL1500 printers

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

399000324, May 2008

This is an HP Indigo digital print

