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Sinterit

Lisa X Performance Set

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Lisa X Performance Set – Everything You Need to Get the Most Out of Open SLS

The Lisa X Performance Set by Sinterit is a comprehensive SLS 3D printing solution designed for professionals seeking high-speed, high-precision, and flexible additive manufacturing capabilities. This all-in-one package combines the powerful Lisa X printer with advanced software and essential post-processing tools, enabling users to explore a wide range of materials and applications with ease.

Key Features

- **Open Material System:** The Lisa X supports a variety of materials, including third-party powders, thanks to its open architecture. This flexibility allows users to experiment with different materials and tailor the printing process to specific needs.
- **High-Speed Printing:** With a build speed of up to 14 mm/h, the Lisa X enables rapid prototyping and small-series production, significantly reducing time-to-market.
- **Large Build Volume:** The printer offers a build area of 5.12 × 7.09 × 12.99 inches (130 × 180 × 330 mm), accommodating larger parts or multiple components in a single print job.

- **Advanced Software:** Sinterit Studio Advanced provides control over 32 printing parameters, allowing for fine-tuning of mechanical, functional, and aesthetic properties of prints.
- **Compact Footprint:** Despite its capabilities, the entire Performance Set occupies less than 2 m² of workspace, making it suitable for various environments.

What's Included

- **Lisa X SLS 3D Printer (110V):** A compact yet powerful printer featuring a 30W IR laser, capable of achieving layer heights as fine as 0.00295 inches (0.075 mm).
- **Sinterit Studio Advanced Software:** Enables precise control over the printing process with adjustable parameters.
- **Multi PHS (Powder Handling Station):** Facilitates efficient powder management and recycling.
- **INTERTEK Vacuum Cleaner (110V):** certified vacuum cleaner for safe powder recovery.
- **Sandblaster SLS:** For effective post-processing and surface finishing of printed parts.
- **Powder Separator:** Assists in separating and reclaiming unused powder.
- **Dedicated Powder Tools for Lisa X:** A set of tools designed for optimal powder handling and printer maintenance.
- **Consumables Kit for Lisa X:** Includes essential materials and components to commence printing operations immediately.
- **Flight Case for Lisa X:** A robust and portable case ensuring safe transportation and storage of the printer.

Recommended Applications

- **Rapid Prototyping:** Quickly iterate designs and test functionalities with high-fidelity prototypes.
- **Small-Series Production:** Efficiently produce limited runs of end-use parts with consistent quality.
- **Material Research and Development:** Develop and test new materials by adjusting printing parameters to achieve desired properties.
- **Educational and Research Institutions:** Provide hands-on experience with advanced manufacturing technologies for students and researchers.

Experience the freedom and flexibility of open SLS 3D printing with the Lisa X Performance Set—your gateway to innovation and advanced manufacturing.

**Need more informations about LISA X 3D Printer?
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