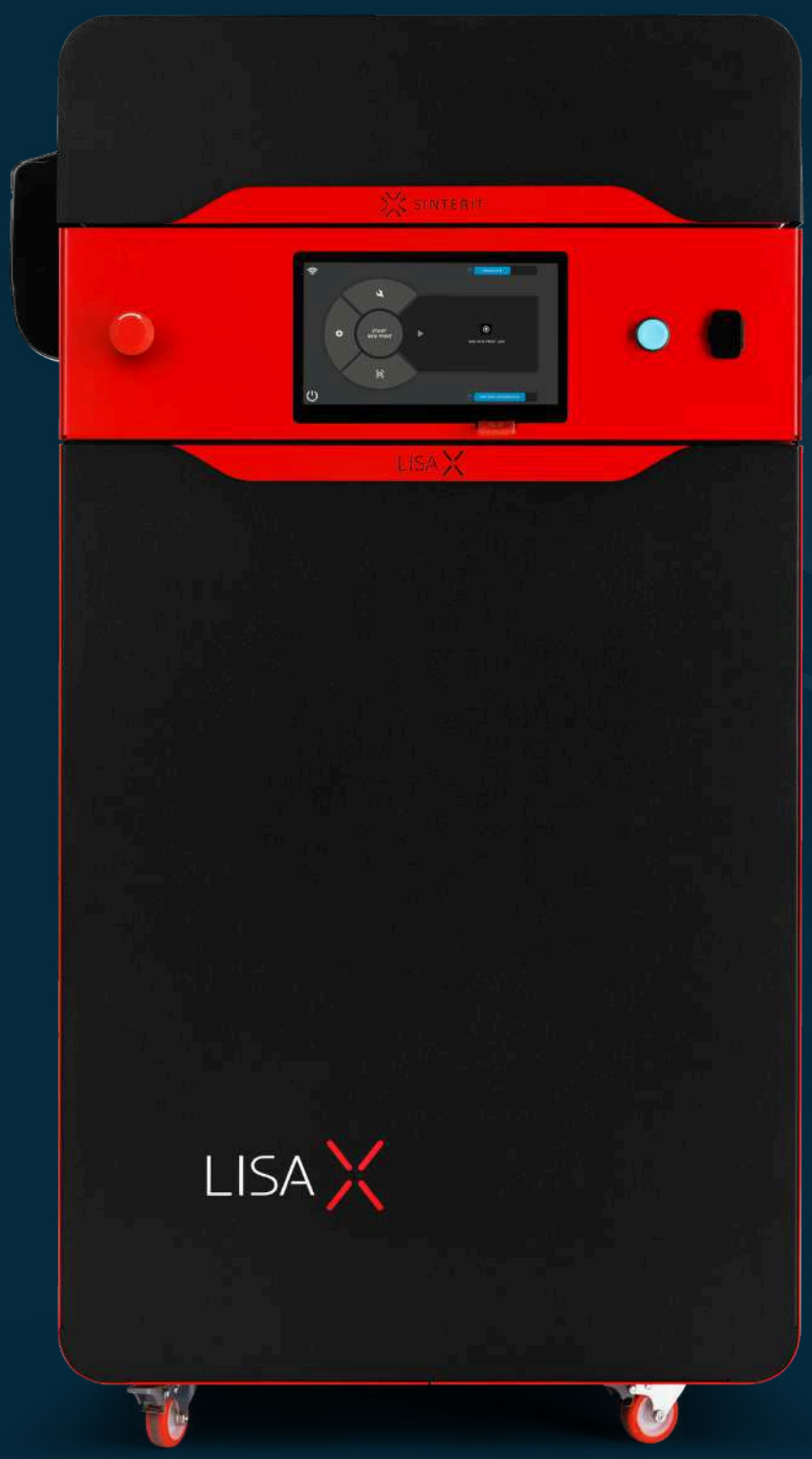
SINTERIT

LISA X

SLS 3D PRINTER



Meet LISA X

- **Powerful** performance packed into a compact design
- **Large build volume** for bigger prints or higher throughput
- **Quick material changeovers** for flexible workflows
- **Optimized powder use** for cost-effective printing
- **Open system** for full control and material freedom

Designed to deliver — whether you're prototyping, iterating, or producing functional parts.

LISA X

Open.
Versatile.
Powerful.

Professional SLS 3D Printing That Works for You

European Quality You Can Trust
Manufactured entirely in the European Union, LISA X offers a reliable and uninterrupted supply chain. We ensure stable access to spare parts and consumables — minimizing downtime and maximizing your business continuity.

Certified Safety and Compliance
With CE marking and full conformity to EU directives, LISA X guarantees not only operational safety, but also hassle-free implementation in regulated industries and institutions.

SLS Expertise Refined Over a Decade
We've spent over 10 years focusing exclusively on SLS technology. That means when you choose LISA X, you're investing in a system built on years of rigorous validation and deep domain expertise - ensuring quality results and a smoother learning curve for your team.

Tailored Innovation for Your Industry
We design with purpose. Whether you're working in advanced R&D, education, or a niche industrial sector, our commitment to innovation ensures you get technology that's adaptable, efficient, and designed to evolve with your needs.

SINTERIT

10+
Years on the Market

80+
Countries of Current Activity

3000+
Advanced 3D Engineering Projects

Faster. Smarter. More economical.

Change Materials in Minutes
LISA X enables fast switching between materials — a must-have for R&D centers, service providers, and multi-material workflows. Save time, reduce contamination risk, and stay agile without compromising quality.

Compact Size, Industrial Power
The printer fits on a desktop but delivers throughput and precision typically seen in much larger machines. It's a perfect match for labs, workshops, and offices where space is at a premium but performance can't be compromised.

Open System. Open Possibilities.

Freedom to Experiment

LISA X is an open system that gives advanced users full control over parameters and the flexibility to use third-party materials.

This makes it ideal for

- material development,
- academic research,
- highly customized production workflows.

Complete Solutions for Top-Quality Prints

We offer **ready-to-use configurations** tailored to your needs, combining printing performance with advanced post-processing tools to achieve the highest surface quality and functional performance.

With our ecosystem, you gain not only control and repeatability, but also a visually stunning and functionally superior end product - ready for prototyping, validation, or end-use.

Scan to discover Solutions

Discover LISA X sets on our website: Solutions

Main technical properties of LISA X

PROPERTIES	VALUE
Dimensions	650x610x1200 [mm] (25.6×24.0x47.2 [in])
Weight	145 [kg] (319.7 [lbs])
Max size of print diagonally	398 [mm] (15.7 [in])
Max print volume	TPU based / Flexible material: 130x180x340 [mm] (5.1×7.1×13.3 [in]) PA / PP: 130x180x330 [mm] (5.1×6.7×13.3 [in])
Layer height (min – max)	0.075 – 0.175 [mm] (0.003 – 0.006 [in])
Build Speed	up to 14 [mm/h] (0.55 [in/h])
Laser scanner type	Galvo
Laser type	IR Fiber Coupled Diode Laser, 30[W]; λ = 976 ± 3 [nm] rated to > 30,000 hrs

Speed and Flexibility in One Machine

Best Build Speed in Its Class
With a build speed up to 14 mm/h, LISA X dramatically reduces print lead times. This means faster prototyping, quicker iterations, and shorter project timelines — helping you stay ahead in competitive markets.

Minimized Material Waste
Optimized material usage ensures you get more from every kilogram of powder. Combined with our powder recovery solutions, your costs per part drop significantly while supporting more sustainable operations.

About Sinterit

Sinterit is a European manufacturer specializing exclusively in Selective Laser Sintering (SLS) 3D printing technology. Since 2014, the company has been empowering professionals worldwide with compact, accessible, and high-performance SLS solutions. With a strong focus on precision, usability, and innovation, Sinterit serves industries ranging from product design and engineering to education and R&D.

Trusted in over 40 countries, Sinterit combines industrial-grade quality with a uniquely user-friendly and affordable experience – making professional SLS accessible like never before.

SINTERIT

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