SINTERIT LISA

DESKTOP LASER SINTERING 3D PRINTER
AVAILABLE AND EASY-TO-USE

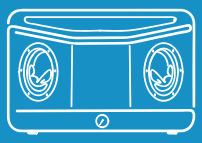
SINTERIT

Sinterit Lisa system

Elements that will facilitate your printing experience

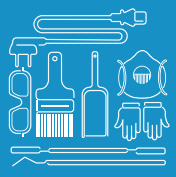

Sinterit Lisa


Sieve


Sandblaster

4 kg of printing powder


Dedicated software


Set of necessary printing accessories

End-to-end solution delivering **high precision** SLS parts

The Sinterit Lisa **package** (Lisa, Sandblaster, Sieve) contains a **complete system** providing **everything you need** to start your own printing adventure.

POWDER SIEVE is a machine dedicated to sieve used powder.

LISA - **world's first** desktop laser sintering 3D printer for printing prototypes and functional parts. A **revolutionary device** which unique feature is substantial **lowering of the cost** and decreasing the size of industrial SLS type of machine.

Used in post-processing, SANDBLASTER* cleans the print's surface created during the printing process.

Buy on-line

*Does not include an air compressor. Recommended compressor output 290 l / min.

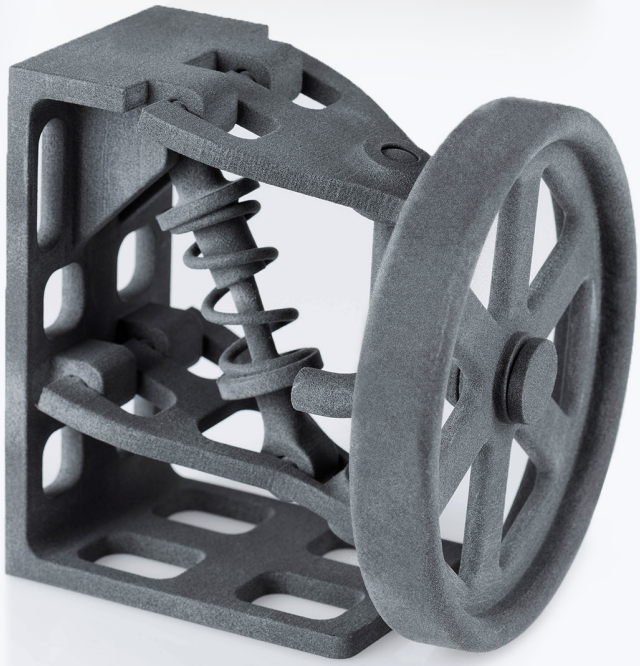
SINTERIT LISA gives you freedom of form

Our unique laser sintering 3D printer opens **new possibilities** for your company. Use the laser to selectively melt polymer powder into three-dimensional objects like **professional** SLS printers do.
With Lisa you can print **sophisticated**, precise and durable objects in an **affordable** and **easy way** without need for support structure.

Use our rubber-like **FLEXA BLACK** material to print your flexible models.

If you need precise and strong model choose **PA12 SMOOTH** material- it is created for durable and detailed objects.

Sinterit Lisa can print **complex**, fully movable and multiple parts. Things are designed to work from the **first second**.



\+ For more materials requests – please contact us or your local distributor.

Get 70% of your used powder back!

The sieve device completes the product range, providing a truly **automated system** from start to finish by automating the process of sieving the powder, **saving your time** and making the entire process cleaner.

Sieve cleans the powder for you, after which the material is **ready** to be mixed with fresh powder and re-used to print **more incredible objects**.

Be cost efficient!

Re-use the powder residue multiple times

*Sinterit Lisa offers simplicity and best print quality versus cost**

*Comparison based on 3D printers from the same price segment and their prints properties

	Sinterit Lisa (SLS)	SLA	FDM
No need for support	✓	–	–
Freedom of form	●●●●●	●●●●○	●●○○○
Multiple parts printing at once	✓	–	–
Feature details	●●●●○	●●●●●	●●○○○
Printing materials	Powders	Liquids	Filaments
Temperature resistance	●●●●●	●●○○○	●●●●●
Durability	●●●●●	●●○○○	●●●○○
Printing of moving parts	✓	–	–

Printer parameters

Build volume	150 x 200 x 150 mm (5.9 x 7.9 x 5.9 in)
Max size of high precision print for PA 12 smooth	90 x 110 x 130 mm (3.5 x 4.3 x 5.1 in)
Max size of high precision print for Flexa Black	110 x 130 x 150 mm (4.3 x 5.1 x 5.9 in)
Layer thickness	0,075 - 0,175 mm (0.003 - 0.007 in)
Laser diode	5W IR type
Device dimensions	620 x 400 x 660 mm (24.4 x 15.8 x 26 in)
Weight	41 kg (90.4 lbs)
Power supply	One phase, recommended AC outlet power 1,6 kW, voltage 110/120 V or 220/230 V
Warranty	12 months

Independent heating system

- ✓ Heated piston
- ✓ Heated cylinder
- ✓ Heated feed bed
- ✓ Heated print bed - max temperature 190°C / 374°F

Software

Sinterit Studio 2016	
WiFi communication	
Built-in camera	
4” touch screen	
Supported file types	STL, OBJ, 3DS, FBX, DAE, 3MF

SINTERIT

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