



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



# Sinterit LISA system

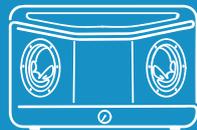
Elements that will facilitate your printing experience



Sinterit LISA



Sieve



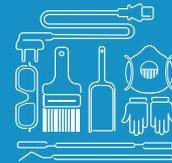
Sandblaster



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

# 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.

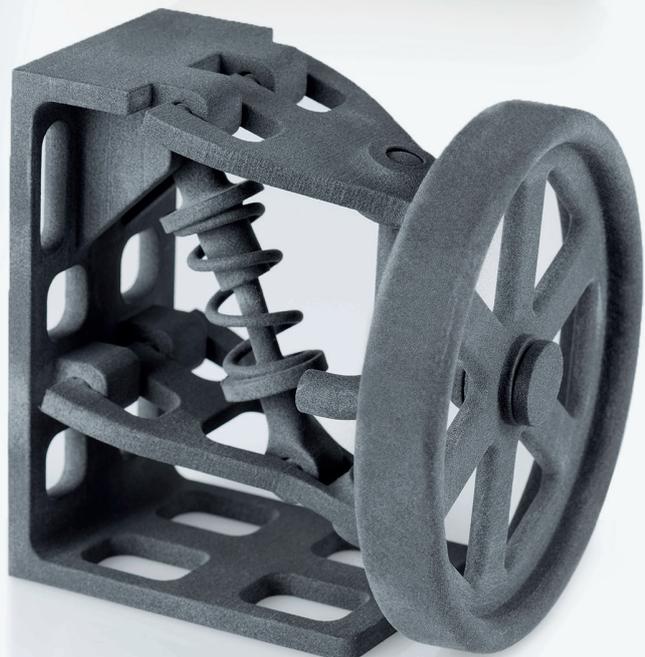
If you need precise and strong model choose **PA12 SMOOTH** material- it is created for durable and detailed objects.



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



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 × 200 × 150 mm (5.9 × 7.9 × 5.9 in)
Max size of high precision print for PA12 SMOOTH	90 × 110 × 130 mm (3.5 × 4.3 × 5.1 in)
Max size of high precision print for FLEXA BLACK	110 × 130 × 150 mm (4.3 × 5.1 × 5.9 in)
Layer thickness	0,075 - 0,175 mm (0.003 - 0.007 in)
Laser diode	5W IR type
Device dimensions	62 × 40 × 66 cm (24.4 × 15.8 × 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



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