



**SINTERIT**  
Comparison Tables for Products

	LISA 1	LISA 2
		
Sales Status	Available	September 2018
Technology	SLS 3D printer	
Laser system	Class 1 (IR LED 5 [W], class 5)	
Nitrogen chamber	-	Built-in
<b>PRINT VOLUME</b>		
Max size of print diagonally <sup>0</sup>	227 [mm] (8.9 [in])	316 [mm] (12.4 [in])
Flexa - high accuracy max print volume	110 x 130 x 150 [mm] (4.3 x 5.1 x 5.9 [in])	110 x 160 x 250 mm (4.3 x 6.2 x 9.1 [in])
PA - high accuracy max print volume	90 x 110 x 130 [mm] (3.5 x 4.3 x 5.1 [in])	90 x 120 x 230 [mm] (3.5 x 4.7 x 9 [in])
<b>PRINTER PARAMETERS</b>		
Printer dimensions	620 x 400 x 660 [mm] (24.4 x 15.8 x 26.0 [in])	690 x 500 x 880 [mm] (27.1 x 19.7 x 34.6 [in])
Printer weight	41,0 [kg] (90.4 [lbs])	90,0 [kg] (198 [lbs])
Size of Print Bed	150 x 200 x 150 mm (5.9 x 7.9 x 5.9 [in])	150 x 200 x 260 mm (5.9 x 7.9 x 9.8 [in])
XY accuracy	from 0,05 [mm] (0.002 [in])	
Layer thickness	0,075 - 0,175 [mm] (0.003 - 0.007 [in])	
<b>PRINT FEATURE</b>		
Min. wall thickness	0,4 [mm] (0.015 [in])	

Informations provided within this document are typical values for reference and comparison only. Parameters presented in this specification are subject to change. Final part properties may vary based on printed part design and print orientation.

Min. detail size	0,1 [mm] (0.003 [in])	
Hole Diameter	0,5 [mm] (0.019 [in])	
Moving Part Clearance	0,2 [mm] (0.007 [in])	
<b>MATERIALS</b>		
PA11	-	✓
PA12	✓	✓
Flexa Black (TPU)	✓	✓
Flexa Grey (TPU)	✓	✓
In progress materials for NITROGEN use	-	✓
Open materials	-	✓
<b>UX</b>		
Software <sup>2</sup>	Sinterit Studio 2016	Sinterit Studio 2018
Touchscreen	4 [in]	7 [in]
LCD screen	Resistive, color	Capacitive, color
Camera	Built-in	
Connectivity	Wifi, Usb port	
<b>POWER</b>		
Power supply	220-240 [V] AC, 50/60 [Hz], 7 [A] or 100-130 [V] AC, 50/60 [Hz], 15 [A]	
Average consumption	0,9 [kW]	
<b>PACKAGING</b>		
Package contains	LISA 3D printer + Set of Accessories + Manual	

<sup>0</sup> Max size of print diagonally depend on the type of material.

<sup>1</sup> Material refreshing ratio - percent of Fresh powder which has to be mixed with Used (unsintered) powder - to be reused to the next print.

<sup>2</sup> Technical requirements to install Sinterit Studio Software:

- Windows 7 or higher,
- Minimum 500 MB of disc space,
- Minimum 2 GB of RAM,
- Graphics adapter compatible with OpenGL 3.0 or higher.

Informations provided within this document are typical values for reference and comparison only. Parameters presented in this specification are subject to change. Final part properties may vary based on printed part design and print orientation.