



# SINTERIT

## Comparison Tables for Products

3D printers created to give you possibilities of discovering the full range of a professional SLS in-house printing.



**LISA**



**LISA PRO**

Technology	SLS 3D printer	
Nitrogen chamber	-	Built-in
Laser system	IR Laser Diode 5 [W] ; $\lambda$ =808 [nm]	
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]	1 [kW]
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])

### Print volume

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])
Max size of print diagonally <sup>o</sup>	245 [mm] (9.6 [in])	316 [mm] (12.4 [in])
Flexa/TPE - high accuracy max print volume	110 x 150 x 150 [mm] (4.3 x 5.9 x 5.9 [in])	110 x 150 x 250 [mm] (4.3 x 5.9 x 9.1 [in])
PA - high accuracy max print volume	90 x 130 x 130 [mm] (3.5 x 5.1 x 5.1 [in])	90 x 130 x 230 [mm] (3.5 x 5.1 x 9 [in])

### Printer parameters

Max temp. open parameters	180 [°C] (356 [°F])	200 [°C] (392 [°F])
XY accuracy	from 0,05 [mm] (0.002 [in])	
Layer thickness	0,075 - 0,175 [mm] (0.003 - 0.007 [in])	

### Print feature

Min. wall thickness	from 0,4 [mm] (0.015 [in])	
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Information provided within this document are average 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.



	LISA	LISA PRO
Min. detail size		from 0,1 [mm] (0.003 [in])
Hole Diameter		from 0,5 [mm] (0.019 [in])
Moving Part Clearance		from 0,2 [mm] (0.007 [in])

## UX

Touchscreen	4 [in]	7 [in]
LCD screen	Resistive, color	Capacitive, color
Camera		Built-in
Connectivity		Wi-Fi, USB port

## SOFTWARE<sup>1</sup> VERSIONS

Supported materials	Sinterit Studio	Sinterit Studio Open	Sinterit Studio Profiles	Sinterit Studio Advanced
PA12 Smooth	●	●	●	●
PA11 Onyx <sup>2</sup>	●	●	●	●
Flexa Grey	●	●	●	●
Flexa Black	●	●	●	●
Flexa Soft	○	○	●	●
Flexa Bright	○	○	●	●
TPE	○	○	●	●
Open Parameters	○	●	○	●



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

<sup>1</sup> Recommended technical requirements to install Sinterit Studio Software: 64-bit processor / Windows 7 or higher / Minimum 1 GB of disc space / Minimum 2 GB of RAM / Graphics adapter compatible with OpenGL 3.0 or higher.

<sup>2</sup> PA11 Onyx can be printed only with Lisa Pro 3D Printer