

Lisa SLS printer - product's specification



GENERAL INFORMATION	
Price	From 4990 EUR
Status	Available
Category	Desktop
Technology	SLS
Warranty	12 months
HARDWARE	
Dimensions	620 x 400 x 660 [mm] (24,4 x 15,8 x 26,0 [in])
Weight	41,0 [kg] (90,4 [lbs])
Power supply	220-240 [V] AC, 50/60 [Hz], 7 [A] or 100-130 [V] AC, 50/60 [Hz], 15 [A]
Average power consumption	0,9 [kW]
Maximum power consumption	1,6 [kW]
MATERIAL	

Powder PA12 Smooth - polyamide 12	20-100 [nm], average size 38 [µm]
Powder Flexa Black - TPU	20-105 [µm]
Storage powder temperature (min-max)	10-40 [°C] (50-104 [°F])
<b>PRINTER PARAMETERS</b>	
Laser type	Class 4, infrared LED 5 [W]; λ =808 [nm]
Max. build volume	150 x 200 x 150 [mm] (5,9 x 7,9 x 5,9 [in])
Max size of high precision print	PA12 Smooth - 90 x 110 x 130 [mm] (3,5 x 4,3 x 5,1 [in])
	Flexa Black - 110 x 130 x 150 [mm] (4,3 x 5,1 x 5,9 [in])
XY accuracy	from 0,05 [mm] (0,002 [in])
Min. layer thickness	0,075 [mm] (0,003 [in])
Min. wall thickness	0,4 [mm] (0,015 [in])
The layer height Z (min.-max.)	0,075 - 0,175 [mm] (0,003 - 0,007 [in])
<b>INDEPENDENT HEATING SYSTEM</b>	
Heated piston	Yes
Heated cylinder	Yes
Heated feed bad	Yes
Heated print bad	Yes
Max. temperature in the chamber	190 [°C] / 374 [°F]
<b>SOFTWARE*</b>	
Software	Sinterit Studio 2016
Supported file types	STL, OBJ, 3DS, FBX, DAE, 3MF
OS compatibility	Microsoft Windows
<b>CONNECTIVITY</b>	
USB stick	Yes
Wifi	Yes
<b>COMMUNICATION</b>	

LCD screen	Resistive, color
Touchscreen	4"
On-board camera	Yes
<b>PROPERTIES OF PRINTS</b>	
Support structures	No needed
Freedom of form	High
Moving parts	Yes
Multiple parts printing at once	Yes
Feature details	High
Lightweight	Yes
<b>PACKAGING</b>	
Size of package	780 x 480 x 960 [mm] (30,7 x 18,9 x 37,8 [in])
Package weight	65,0 [kg] (143,3 [lbs])
Package contains	LISA printer + Set of Accessories
<b>SAFETY</b>	
Certificates	CE (class A), FCC (class A)
IEC protection class	Class I
Laser safety	Class 1

\*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.