SINTERIT LISA - NEW
Product specification

Desktop SLS 3D printer
- compact size
- cost effective
- small powder consumption
- easy operation and handling

General information

Technology	SLS
Laser system	IR Laser Diode 5 [W] ; λ =808 [nm]
Dimensions	620 x 400 x 660 [mm] (24.4 x 15.8 x 26.0 [in])
Weight	41,0 [kg] (90.4 [lbs])

Print volume

Max size of print diagonally[1]	245 [mm] (8.9 [in])
Flexa/TPE - high accuracy max print volume	110 x 150 x 150 [mm] (4.3 x 5.9 x 5.9 [in])
PA - high accuracy max print volume	90 x 130 x 130 [mm] (3.5 x 5.1 x 5.1 [in])

Printer parameters

Size of Print Bed	150 x 200 x 150 [mm] (5.9 x 7.9 x 5.9 [in])
XY accuracy	from 0,05 [mm] (0.002 [in])
The layer height Z (min - max)	0,075 - 0,175 [mm] (0.003 - 0.007 [in])

Print features

Min. wall thickness	from 0,4 [mm] (0.015 [in])
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])

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www.sinterit.com

Software

Software²	Sinterit Studio
Supported file types	STL, OBJ, 3DS, FBX, DAE, 3MF
OS compatibility	Microsoft Windows

Communication

LCD screen	Resistive, color
Touchscreen	4 [in]
On-board camera	Built-in
Connectivity	Wifi, Usb port

Heating system

Independent	Heated: piston, cylinder, feed bed, print bed
Max. temperature in the chamber	190 [°C] / 374 [°F]

Power

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]

Packaging

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 3D printer + Set of Accessories + Manual

Safety

Certificates	CE (class A) according to IEC 60825-1 Ed. 3 (2014) FCC (class A)
IEC protection class	Class 1
Laser product class	Class 1, invisible laser radiation

Warranty

	One year limited warranty

¹ Max size of print diagonally depends on the type of material.
² 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.