Sinterit SUZY
Product specification

Speed, efficiency and outstanding print quality - all in one machine.

- The fastest printing speed on the market
- Precise and repeatable printing
- Large working area
- Improved chamber temperature management
- The thinnest print layer on the market
- Closed system dedicated to PA12

GENERAL

Technology	SLS - Selective Laser Sintering
Laser type	IR Fiber Coupled Diode Laser, 30W; λ = 976 ± 3 [nm] rated to > 30,000 hrs
Laser scanner type	Galvo
Dimensions	650x610x1200 [mm] (25.6x24.0x47.2 [in])
Weight	150 [kg] (330.7 [lbs])

PRINT VOLUME

Max size of print diagonally	398 [mm] (15.7 [in])
Max print volume	PA: 130x180x330 [mm] (5.11x6.7x13.3 [in])

PRINTER PARAMETERS

Size of Print Bed	150x200x350 [mm] (5.9x7.9x13.8 [in])
Layer height Z	0,075 [mm] (0.003 [in])
Build Speed	up to 20 [mm/h] (0.79 [in/h])

PRINT FEATURES

Min. wall thickness	od 0,5 [mm] (0.020 [in])
Hole diameter	od 0,5 [mm] (0.020 [in])
Moving part clearance	od 0,2 [mm] (0.008 [in])

SOFTWARE

Software[1]	Sinterit Studio
Supported file types	STL, 3MF, OBJ, 3DS, FBX, DAE
Output file types	*.scode, *.sspf, *.sspfz
OS compatibility	Microsoft Windows 10 or higher

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COMMUNICATION

LCD screen	9" interactive touchscreen
On-board camera	Built-in
Connectivity	WiFi / Ethernet / USB

HEATING SYSTEM

Independent	4 zones: print chamber, print surface, cylinder and piston - 21 independent heating elements
Max temperature in the chamber	210 [°C] / 410 [°F]

POWER

Operating voltage	230 [V] AC, 50/60 [Hz], 8 [A] or 100-120 [V] AC, 50/60 [Hz], 15 [A] (with converter)
Average power consumption	0,85 [kW]
Max power consumption	1,65 [kW]

PACKAGING

Size of package	650 x750x1350 [mm] (25,6x29,5x53,0 [in])
Package weight	195 [kg] (430 [lbs])

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