



LISA X

**Top performance & build volume  
in an open, multi-material printer**



DESIGN



ENGINEERING



PRODUCTION



MASS  
CUSTOMISATION



EDUCATION



## Parameters

<b>Laser type</b>	IR Fiber Coupled Diode Laser, 30[W]; $\lambda = 976 \pm 3$ [nm] rated to > 30,000 hrs
<b>Laser scanner type</b>	Galvo
<b>Dimensions</b>	650x540x1300 [mm] (25.6x21.3x51.2 [in])
<b>Weight</b>	145 [kg] (319.7 [lbs])
<b>Max size of print diagonally</b>	398 [mm] (15.7 [in])
<b>Max print volume</b>	TPU based / Flexible material: 130x180x340 [mm] (5.1x7.1x13.3 [in]) PA / PP: 130x180x330 [mm] (5.1x6.7x13.3 [in])
<b>Layer height (min – max)</b>	0.075 – 0.175 [mm] (0.003 – 0.007 [in])
<b>Inert gas control system</b>	built-in
<b>Operating voltage</b>	230 [V] AC, 50/60 [Hz], 8 [A] or 100-120 [V] AC, 50/60 [Hz], 15 [A] with converter included
<b>Build Speed</b>	up to 14 [mm/h] (0.55 [in/h])



## Ergonomic operation

With the Lisa X, the materials can be changed in 15 minutes and the cool down times are short. This machine is a simple-to-use, complete solution.

## Great printing quality

With the Lisa X, you don't have to sacrifice quality to achieve results faster. When you see the quality of the prints, you'll be amazed that they also saved you time.

## 32 open printing parameters

The open software enables you to change and fine-tune an array of 32 printing parameters, design the shapes you need and discover unique properties in your prints.

## Printing and cooling time

The Lisa X's printing and cooling times are up to 40% shorter than any other SLS compact printer on the market.



**LARGE  
BUILD VOLUME**



**INDUSTRIAL SPEED  
AND QUALITY**



**COMPACT  
DIMENSIONS**



**OPEN MATERIAL  
SYSTEM (50 - 210°)**



**EASY MATERIAL  
CHANGE**



**ALL BENEFITS  
OF LISA PRO**



## Compatible materials

With a wide range of compatible materials, access to third-party materials, and the ability to adjust printing parameters, the spectrum of possible applications is enormous.

Check our website: [www.sinterit.com/materials](http://www.sinterit.com/materials) to get more information

