

Inventure Specifications

SOURCE:

<https://support.zortrax.com/inventure-specifications/>

The following table summarizes all technical specifications and operational characteristics of Zortrax Inventure 3D printer.

Weight and Physical Dimensions	
Overall Dimensions	350 x 350 x 400mm [13.7 x 13.7 x 15.7in]
Shipping Box	460 x 470 x 570mm [18 x 18.5 22.4in]
Shipping Weight	25kg [55lbs]
Net Weight	22.5kg [49.6lbs]
Printing	
Printing Technology	LPD Plus – Layer Plastic Deposition Plus
Layer Resolution	90 – 200 microns
Wall Thickness	Optimal: 800 microns
Positioning Precision X/Y	1.5 microns
Z Single Step	1.25 microns
3D Printer	
Workspace	135 x 135 x 130mm [5.3 x 5.3 x 5.1in]
Material Container	Cartridge
Material Diameter	1,75mm [0.069in]
Nozzle Diameter	0,4mm [0.015in]
Support Structures	Dissolvable – printed with a different material than the model
Extruder	Single; printing with the model and the support material
Filter	HEPA
Chip transferring material information (type, color, consumption)	Yes
Connectivity	SD card [included]
Available Materials	Full offer is available: here .
Temperature	
Extruder Maximum Temperature	380°C [716°F]
Chamber	Heated
Platform Maximum Temperature	90°C [194°F]
Ambient Operating Temperature	15 – 35°C [60 – 95°F]
Storage Temperature	0 – 35°C [32 – 95°F]
Electrical	
AC Input	110/240V ~ 2A 50/60Hz
Power Requirements	24V DC @ 7A
Power Consumption	160 W
Software	
Software Package	Z-SUITE®
Supported File Formats	.stl, .obj, .dxf, .3mf

Supported Operating Systems

Mac OS X / Windows 7 and newer versions