Specification

SOURCE: https://support.zortrax.com/inkspire-specification/

The following table summarizes all technical specifications and operational characteristics of the Zortrax Inkspire.

Printing		
Technology	UV LCD* –	
	projecting a shape of a layer on the	
	underside of the tank	
	with liquid resin and	
	curing the layer with	
	a UV lamp	
Layer Thickness	25, 50, 100 microns	
Pixel size	50 microns (0.05	
Davias	mm)	
Build Volume	132 x 74 x 175 mm [2.9 x 5.2 x 6.9 in]	
Platform Calibration	Semi-automatic	
Support	Mechanically	
Cappen	removed – printed	
	with the same	
	material as the	
	model	
Light Source	Integrated UV lamp	
Connoctivity	(wavelength 405 nm)	
Connectivity Operating System	Wi-Fi, Ethernet, USB Android	
Processor	Quad Core	
Touchscreen	4? IPS 800 x 480	
Available Materials	Full offer is available	
	at:	
	zortrax.com/resins.	
External Materials**	Applicable	
Supported Formats	.cws, .zcodex, .sl1, .zip	
Temperature		
Ambient Operating	20 – 30? C [68 – 86°	
Temperature	F]	
Storage	0 – 35? C [32 – 95°	
Temperature	F]	
Electrical		

AC Input	110V ~ 1.4 A 50/60Hz 240V ~ 0.85 A 50/60Hz	
Maximum Power Consumption	75 W	
Software		
Software Bundle	Z-SUITE 2®	
Supported File Types	.stl, .obj, .dxf, .3mf, .ply	
Supported Operating Systems	Mac OS Catalina and newer versions / Windows 10 and newer versions	
		All information contained in this specification is subject to change without notice

*The LCD screen has suggested replacement time of about 200 working hours. This period highly depends on the type of resin you use most often.

**Predefined printing profiles for third-party resins are periodically added to Z-SUITE in cooperation with industry-leading resin manufacturers.