

Lux 3Li+ Series

3D Smart Factory Printer

The Lux 3Li+ series is LuxCreo's newest iteration of industrial production smart factory 3D printers. Leverage the power of the Lux 3Li+ for the engineering industry. The Lux 3Li+ has high throughput for prototyping and production with engineering materials.



Large format

Print larger parts in a single print



Functional

Print accurate and functional prototypes



Reliable

Dependable for high throughput production



Versatile

For prototyping and production



Lux 3Li+ and Lux 3+ Printing Equipment

Build Volume		
	Lux 3Li+	Lux 3+
Build Volume	400mm*259mm*380mm	293mm*165mm*380mm
Resolution	162 μm	76.5 μm
Release Membrane	LEAP™	LEAP™
Layer Thickness	20-200μm	0.020-0.15mm
Printing Resolution	Bottom-up	Bottom-up
Printing Speed	Model Dependent	Model Dependent
Projector Properties		
Stereolithography	DLP	DLP
Array	3840 * 2160	3840 * 2160
UV Wavelength	405 nm	405 nm
Uniformity	97%	97%
Dimensions		
Dimensions WDH	850x780x1870 mm/33.5" X 31" X 73.6"	850x780x1865 mm/33.5" X 31" X 73.4"
Weight	400 kg	250 kg
Interface	11.6" Touch Screen	11.6" Touch Screen
Button	Start / Reset / Emergency Stop	Start / Reset / Emergency Stop
Connectivity	USB x 3, Ethernet x 1	2xUSB, Ethernet, CC-link
Functions		
Membrane	2 x cameras	2 x cameras
Door Control	Automatic	Automatic
Resin Heating	Up to 50 °C	Up to 50 °C
System Sensor	Door status, Resin Level, Resin temperature, Platform locking, Resin tank locking, QR code	
Environmental Sensor	Temperature, Humidity, Device Level	
Electrical		
Voltage	100-240V 50-60Hz	100-240V 50-60Hz
Power	2300 W	1000 W
Operating Environment		
Ambient Temperature	22°C to 26°C	18°C to 32°C
Ambient Humidity	<40%	<80%
Storage Temperature	-20°C to +60°C	-20°C to +60°C