

iLux Series

Desktop 3D Printer

The iLux series of desktop printers offers fast, accurate printing of high-performance engineering and prototyping materials.

The iLux Pro printers are able to print high viscosity materials to support functional prototyping and production, available in two sizes.



Speed



Connected



Reliable



Versatile



iLux Series Technical Specifications



Material Compatibility Table			
	iLux	iLux Pro	iLux Pro 13.3
High-performance Resins	None	EM*21, TM 79	EM*21, TM 79
Prototyping Resins	RE 41, RE 42, RE 32, RE 33	RE 11, RE 41, RE 42, RE 32, RE 33	RE 11, RE 41, RE 42, RE 32, RE 33
High Temp Resins	HT 31	HT 31	HT 31

iLux		iLux Pro 8.9		iLux Pro 13.3	
Build Area					
Build Area	192*120*200mm (7.5"x4.7"x7.9")	192*120*200mm (7.5"x4.7"x7.9")	293*165*320mm (11.5"x6.5"x12.6")		
Resolution	50µm	50µm	76.5µm		
Release membrane	FEP	FEP	FEP/LEAP™		
Layer Thickness	0.020-0.15mm	0.020-0.15mm	0.020-0.15mm		
Projector Properties					
Stereolithography	LCD 4K	LCD 4K	LCD 4K		
Array	3840 x 2400	3840 x 2400	3840 x 2160		
LED Wavelength	LED 405nm	LED 405nm	LED 405nm		
Dimensions					
Dimensions WDH	400*360*515 mm (15.7"x14.2"x20.2")	400*360*565 mm (15.7"x14.2"x22.2")	515*445*695 mm (20.2"x17.5"x27.4")		
Weight	31.5 kg	35 kg	50 kg		
Interface	7" Touch Screen	7" Touch Screen	7" Touch Screen		
Button	Start / Power	Start / Power	Start / Power		
Connections					
Software	LuxFlow, LuxLink				
Connectivity	USB Host, Wifi				
Functions					
Resin Heating	No	Up to 45°C°C			
System sensor	Door Status, QR code	Resin Level, Door Status, Resin Temperature, QR code			
Environmental Sensor	Temperature, Device Level	Temperature, Device Level			
Electrical					
Voltage	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz		
Power	150W	200W	250W		
Operating Environment					
Ambient Temperature	18°C to 32°C				
Ambient Humidity	<80%				
Storage Temperature	-20°C to +60°C				