

High Precision SLA 3D Printer Sindoh A1+



SPECIFICATION		DESCRIPTION
Print	Method	SLA (Stereo Lithography Apparatus)
	Maximum Build Size	200 x 200 x 180 mm
	Layer Thickness	50µm / 25µm, 100µm
	Laser Type	405nm / Laser Diode
	Laser Power	450mW Laser
	Resolution	42.3µm / 21.2µm
Resin	ABS-like, Dental Model, Open Materials	
Resin Supply Method	Auto	
Interface	Ethernet (1G), USB 3.0 Device / 2.0 Host, Wi-fi	
GUI	5" Full Color Touch Screen	
Heater Method	Chamber Heating	
Memory (Default)	2 GB	
Printer Size (W x D x H)	445 x 500 x 600 mm	
Printer Weight	44 kg	
Additional Features	Play Back (AI)	
	Web Monitoring (PC)	
Slicer	OS	Win10 64 bit
	Memory	Lowest : 8G / Recommend : More than 16G
	Graphic	Open GL 4.0

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MEMO

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Sindoh A1+

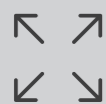


Open Materials

A1+ can be used with Sindoh proprietary resin, as well as different types of resins through the Open Material function. In addition, the laser power can be controlled for more efficient printing.

Smart Printing Performance

Optimized settings of supports and rafts will be predetermined according to the shapes and placements, and then auto generated in order to achieve the best printing results.



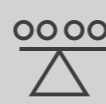
Build Size Benefit

Max. build size of 200 x 200 x 180mm improves your productivity by printing out all different sizes and shapes at once.



Stable and Stylish Printer Exterior

Functional and aesthetic design ensures that the printer looks very compact and stable despite its large build size.



Static Focusing System

Static Focusing System can achieve high-quality printing results by maintain consistent printing quality for center and edge of the printing object.



Auto Resin Supply

Safe and convenient auto resin supply feature senses sufficiency of resin quantity and if insufficient resin detected, it will auto-feed resin into resin tank from the cartridge by auto-pumping the resin.



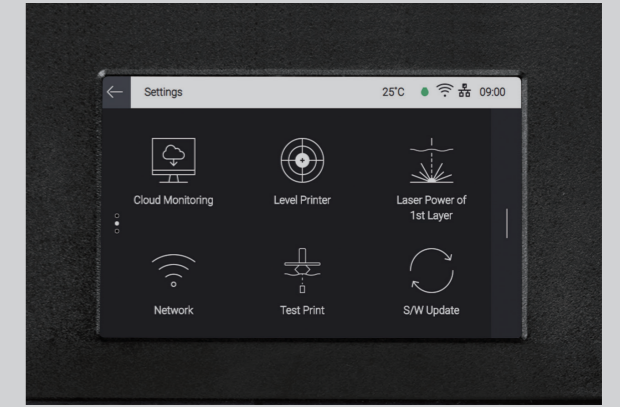
High Connectivity

Ethernet (1G), USB 3.0 Device / 2.0 Host, and Wi-Fi are supported for diverse and quicker printing.



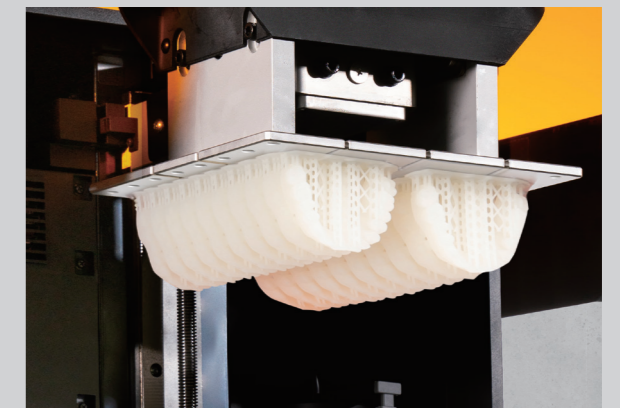
Web Monitoring

PC is used for operation progress monitoring and remote control using mounted camera. Many machines can be managed with 1 PC through a network.



Convenient and Intuitive UI

Sindoh A1+ has unique GUI design with intuitive icons for the convenient operation of different functions.



Accelerate Printing Speed

Instead of a vector method, a unique scanning method is chosen to accelerate the print speed. This will be more achievable and advantageous when you utilize the full bed size.



Compatible with Various Resins

Sindoh A1+ can print with Sindoh proprietary resins, as well as 3rd party resins. Various 3rd party resins can be easily selected on the slicer in order to get the resin-specific optimal printing setting.