



Sonic LS+

Accessible Excellence at Scale

Your Gateway into Chairside Dental 3D printing



Scale Without
Compromise



Faster Lab
Throughput



Right on the
First Print



Accurate, Repeatable Digital Prints at Scale



385 nm, 9.1" Large
Industrial-Grade LCD

Achieve precise depth layer curing across a larger build area, photocuring technology once reserved for high-end



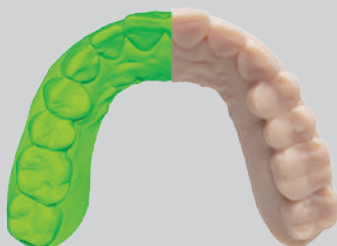
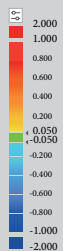
600K–1.5M Layers
Extended Screen Lifespan

Count on long-lasting reliability and reduce the risk of downtime or frequent LCD replacements.



55% Stronger COB Light
Print More in Less Time

With higher light intensity than standard LCD printers, Sonic LS+ lets you print faster—even on a larger LCD.



Over 95% Surface Accuracy

Within $\pm 50 \mu\text{m}$ of the Original CAD Data

Achieve the desired accuracy and precision without trial and error.

Phrozen Dental

Your First Step Into Professional Dental 3D Printing

Follow us for the latest updates



Website



Instagram

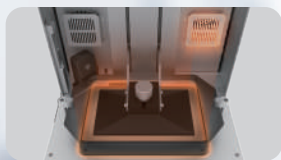


Facebook

Built To Make Digital Workflow Easier



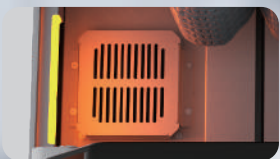
Closed Construction
Prevent resin from splashing onto the Z-rod.



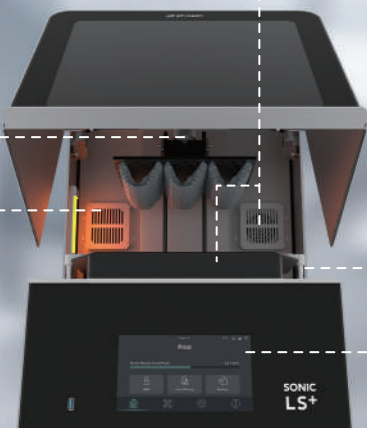
Vat & Chamber Heating System
Reliable and flawless prints no matter the climate.



Slide & Lock Design
Simply slide it, lock it, and you're all set.



Built-in Air Purifier
Reduce resin odor during printing.



7" Wide Touch Screen
Easily navigate your printer with less cluttered buttons.

Speed Meets Scale

From Start to Finish in ~ 1 Hour — with Under 10 Minutes of Manual Work



Aligner Model	Denture Base	Restorative Model	All-on-X	Surgical Guide	Occlusal Splint
23 Arches in 1 h 15 min	~7 Parts in 2 h	6-8 Arches in 36 min	12 Arches in 1h	16 Guides in 32 min	6-8 Splints in 40 min

Specifications



Technology	9.1" LCD (MSLA)
Light Source	385 nm wavelength
XY Resolution	34 µm
Layer Height Options	50, 100 µm
Print Volume	
LS+ large plate	19.8 x 12.5 x 17.5 cm
LS+ std. plate	16.8 x 7.4 x 17.5 cm
Build Plate Material	Hard anodized aluminum with frosted laser cut
Machine Size	36 x 38 x 55 cm
Machine Weight	23 kg
Gross Weight	31.22 kg

Print Speed	Max 100 mm/hr (Depending on the layer height and resin used)
Vat Capacity	
Large vat	500 ml
Std. vat	300 ml
LCD Screen Lifespan	600k-1.5M layers
Touch Screen	7"
Connectivity	USB, Wi-Fi, Ethernet
Other System	Resin vat heater Built-in chamber heater Built-in air purification system
Software	Phrozen DS Slicer