

AccuFab-F1 Dental 3D Printer

Embrace the Future





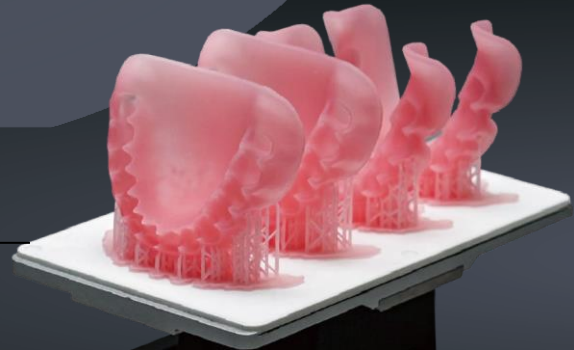
Tailored for All-on-X Prosthetics

AccuFab-F1 is optimized to produce high-quality prosthetics for All-on-X cases. With incredibly fast printing speeds, it ensures rapid production of durable and accurate restorations, meeting the most demanding dental needs without delays.



Increased Accuracy

Deliver precision like never before. Engineered for excellence, our printer ensures every detail is captured perfectly, enhancing the quality of your dental restorations.



Easy Workflow

Streamline your dental lab processes with an intuitive and user-friendly interface. From setup to production, achieve seamless operations at every step.



Faster Printing Speeds

Maximize efficiency with cutting-edge high-power optical machines to ensure consistent accuracy, significantly reducing printing time. Experience the remarkable speed, especially for high-viscosity resins, reducing turnaround times without compromising quality.



Perfect for Hyperclear Print

Thanks to the printer's special HyperClear resin tank, AccuFab-F1 excels at producing hyperclear print. This unique capability ensures superior transparency and durability, making it the ideal solution for protective and therapeutic dental appliances.





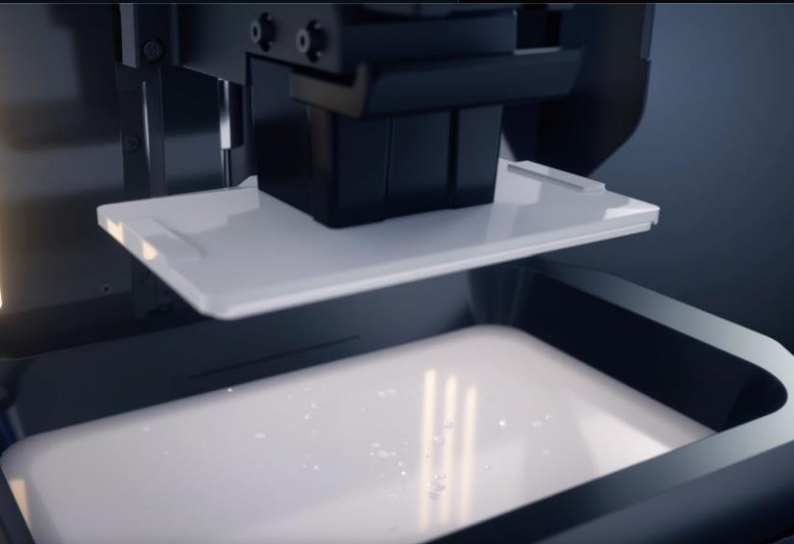
Quick-Release Tank Film

The resin tank's three-buckle filter membrane design enables rapid disassembly and assembly, enhancing efficiency and saving the cost.



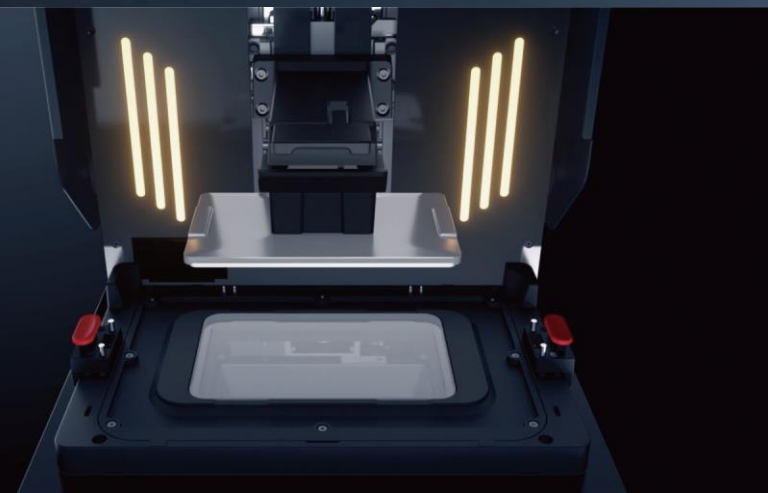
Intelligent Sensing

The printing platform, resin tank, and optical machine feature automatic detection to monitor missing components or residues in real-time, providing clear touchscreen prompts for error-free operation.



Intuitive Set-Up

The single-buckle design of the printing platform and easy resin tank set-up simplify the installation, reducing operational complexity.





Seamless Automation Integration

Supports automatic linkage with washing and curing equipment, delivering a fully integrated and hands-free operating experience.



Optimized Printing Environment

Dual heating technology significantly reduces printing time and improves printing success rate.



AccuFab-F1



AccuFab-CEL



AccuFab-L4D



FabWash



FabCure N2



FabCure 2



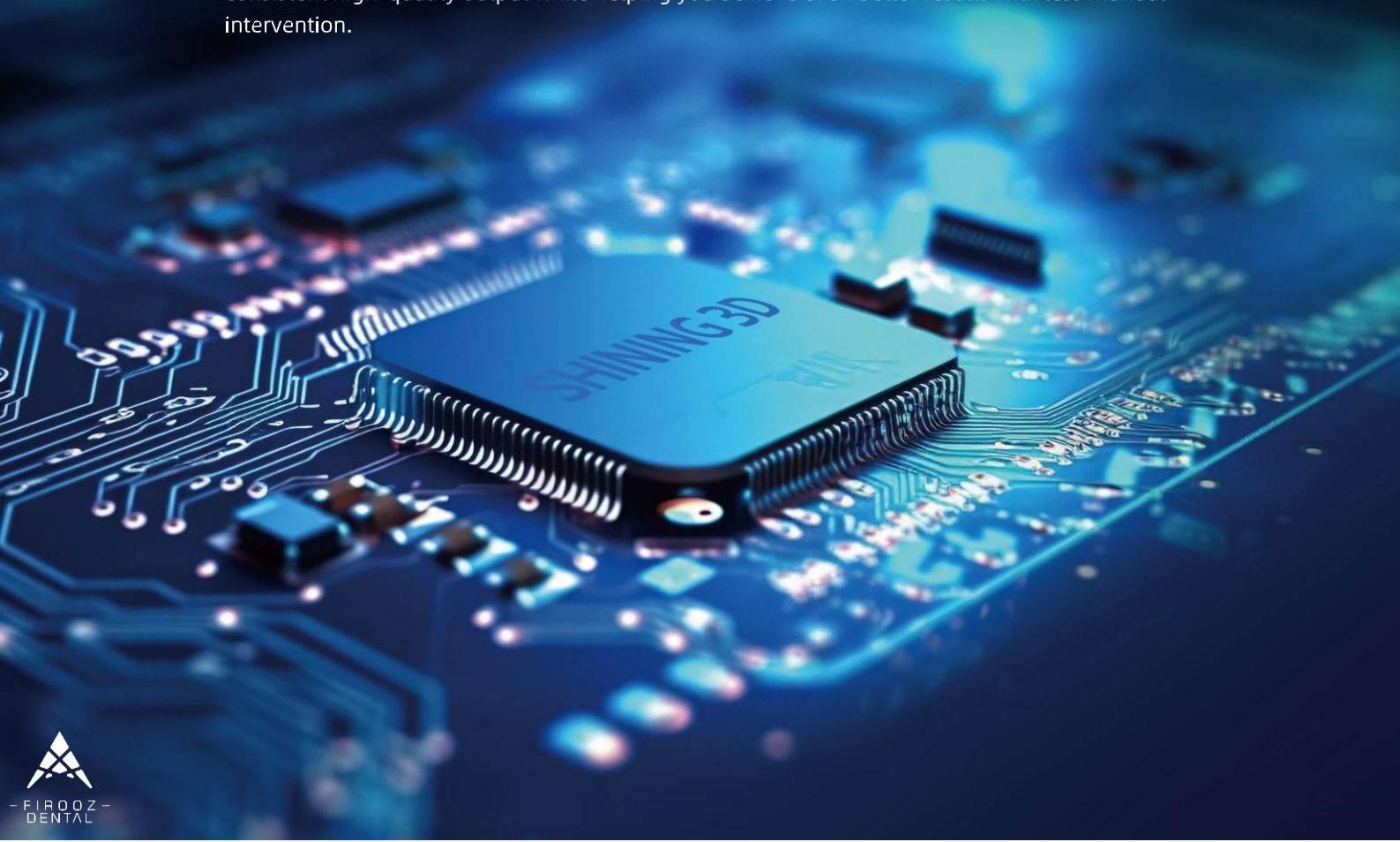
Intuitive Software

Navigate and operate with ease thanks to the intuitive software interface. It's designed to simplify complex tasks, empowering users of all experience levels to achieve flawless results.



Built-in AI Assistance

Our printer's built-in AI technology automatically adjusts settings for optimal performance, ensuring consistent high-quality output while helping you achieve even better results with less manual intervention.





Open Material System

SHINING Dent offers a wide range of materials for dental 3D printing applications, including splints, dentures, crowns & bridges, dental models, surgical guides, and more. There are currently 13 resins available for different applications to meet users' needs.

Additionally, SHINING 3D partners with industry-leading brands in dental materials, providing more possibilities and flexibility in material selection.

Please note that some partners are still undergoing validation progress.



TECHNICAL SPECIFICATIONS

AccuFab-F1

Printer Size	330 x 350 x 575 mm
Printer Weight	23 kg
Print Volume (x/y/z)	144 x 81 x 75 mm
Resolution	1920 x 1080
Print Speed	Max 150 mm/h (depend on different material and layer)
Layer Thickness	50 μm ~100 μm (adjustable)
Accuracy	$\pm 25 \mu\text{m}$
Connectivity	USB/Wi-Fi/Ethernet

*Notice: SHINING 3D reserves the right to introduce modifications or alterations to any of the specifications and images used in this document.

