

# SHINING 3D Launches AccuFab-Aris: An Entry-level Professional Dental 3D Printer Designed to Simplify Digital Dentistry



**June 18, 2026, Hangzhou, China** – SHINING 3D Dental announces the launch of **AccuFab-Aris**, a chairside dental 3D printer designed to support a full range of clinical applications while making digital dentistry more accessible, efficient, and practical for everyday clinical use. Featuring intelligent automation, reliable precision, and one-click operation, AccuFab-Aris brings streamlined chairside production into daily workflows with minimal learning curve and workflow complexity.



Designed around the philosophy of “**Just Print It,**” the AccuFab-Aris simplifies traditionally complex setup procedures so clinicians can focus more on treatment and less on printer operation. Weighing under 10KG and measuring  $257 \times 236 \times 364$  mm, the printer boasts a footprint smaller than a laptop, making it an ideal fit for any clinical space. Engineered for rapid delivery, it significantly accelerates daily workflows by producing a restoration in just 19 minutes, dental models in 25 minutes, and splints in 30 minutes.



AccuFab-Aris ensures clinical excellence through an ultra-fine 34  $\mu\text{m}$  pixel size and 4K high resolution with  $\pm 50 \mu\text{m}$  printing precision, delivering reliable prints with an accurate fit and minimal chairside adjustments. Print consistency is further enhanced by a **thermostatic build platform** that automatically maintains a stable 30°C printing environment to reduce resin warping, minimize detachment risks, and improve overall success rates. Built for **long-term durability in everyday clinical use**, this stable performance is backed by a hard-anodized aluminum construction.

Ease of use remains central to the AccuFab-Aris experience. **One-click auto-leveling** and automatic Z-axis calibration minimize manual setup, while **smart fail-safe sensors** with real-time residue detection and NFC resin tank monitoring help ensure stable, reliable operation. Flexible USB, Wi-Fi, and Ethernet connectivity also allow seamless integration into everyday clinical workflows.

Maintenance is equally streamlined for long-term ownership. The **quick-release screen** system enables replacement in as little as 10 seconds, while the integrated **Aris Health Dashboard** provides real-time monitoring of resin tank and light panel status to support stable printer performance over time.

Powered by **SHINING FLOW**, SHINING 3D's unified scan-design-print end-to-end solutions, AccuFab-Aris seamlessly connects intraoral scanning, cloud-based order management, AI-powered and expert-guided design services, and chairside 3D printing into one connected workflow. The cloud platform automatically handles nesting, orientation, and slicing, enabling one-click printing across a wide range of applications including All-on-X, crown and bridge, dentures, orthodontics, and implant restorations.



**About SHINING 3D Dental:** Founded in 2004 in Hangzhou, China, SHINING 3D has established itself as a global innovator in high-precision 3D vision technologies across digital dentistry, industrial metrology, and reverse engineering. SHINING 3D Dental provides clinics and laboratories with a complete Scan-Design-Print digital workflow designed to improve efficiency, accuracy, and clinical outcomes. Guided by the mission of making innovative and precise 3D digital solutions accessible worldwide, SHINING 3D continues to empower dental professionals with connected, intelligent, and practical solutions.