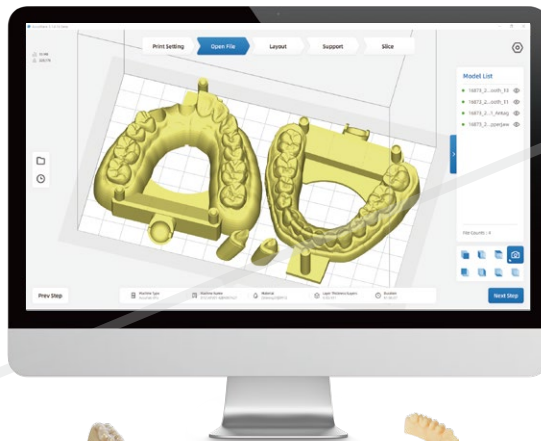




SHINING 3D

AccuFab-D1s Dental 3D Printer

More Efficient, More Accurate



AccuFab-D1s – Your Upgraded Printer

Based on years of experience in dental industry, the upgraded AccuFab-D1s offers users a more intuitive and user-friendly workflow with even faster print speed and better accuracy. With diverse resin material options, it can meet diverse demands in restorative, implant and orthodontic applications. This is the ideal printer solution for all dental customers wishing to enter into the era of digital production.

FAST PRINT SPEED

Featuring a large build volume of 144 x 81 x 160 mm and a fast print speed of up to 50mm/h, the AccuFab-D1s is able to print max. 4 arch models in an hour, multiple surgical guides in less than 30mins.

ULTRA HIGH ACCURACY AND DETAILS

Patented pixel to pixel distortion correction algorithm and full HD 1080p projector guarantee ultra-fine print accuracy and details.

INTELLIGENT PRINT

Integrated with advanced print software, the AccuFab-D1s supports intelligent support creation and “one-click” printing, providing user-friendly print experience with higher repeatable consistent accuracy.

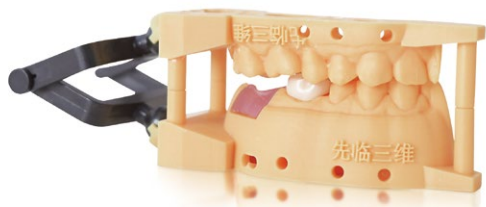
LONG LIFETIME AND LOW COST

With long lifetime resin tank, the AccuFab-D1s reduces operation cost. The resin tank can be used for 100,000 layers of printing.



All-round Dental Printer

AccuFab-D1s can be applied in a wide range of applications, such as dental working model, wax-up, surgical guide, gingiva, customized impression tray, indirect bonding tray, etc.



Implant Model



Surgical Guide



Positioning Jig



Implant Try-on



Gingiva Mask





Dental Model



Ortho Model



Wax-up



Indirect Bonding Tray

Customized
Impression Tray



Temp

SHINING DENT Material Options

AccuFab-D1s provides flexible options for printing materials. SHINING DENT resins are cost-effective choices for most dental applications, such as dental models, wax-ups, surgical guides, etc.. Meanwhile, users can also choose a third party certified resin for more various print scenarios.



Easy Post-Processing with Fab Cure

Fab Cure is recommended as the standard post-curing tool for AccuFab-D1s.*

EASY OPERATION

Put the parts in the box and rotate the knob to set the curing time.

UNIFORM EXPOSURE

A rotating turntable with 10r/min ensures uniform exposure during post-curing.

OPTIMUM MECHANICAL & FLEXURAL PROPERTIES

The Fab Cure maximizes the mechanical & flexural properties of the parts for further operation of dental workflows.

*The mechanical & flexural properties of print parts will be affected if you use other untested post-curing tools.



TECHNICAL SPECIFICATIONS

AccuFab-D1s

Dimension(W/D/H)	394×406×755 mm
Weight	30 kg
Build Envelope (X/Y/Z)	144×81×160 mm
Print Speed	50 mm/h*
Print Accuracy	±0.035mm**
Layer Thickness	25 μm, 50 μm, 100 μm
DLP Native Resolution	1920 x 1080, 1080 p
Material Option	Open
Interface	USB / Ethernet / Wi-Fi

Fab Cure

Dimension(W/D/H)	200×200×325 mm
Weight	6 kg
Turntable Diameter	165 mm
Maximum Part Height	160 mm
Operating Temperature	10 ~ 30 °C
Power	DC 24 V 2.5 A 60 W
Light Source	UV LED
Wavelength	405 nm
LED POWER	30 W

* The print speed varies and is directly related to the different types of materials or layer thickness.

** Measured by a certain method under certain environment.

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