

Designed for printing dental models

Our 3D printer has high precision, stability and success rate, and has a humanized design, which is very suitable for non-mechanical technicians. In addition, we have achieved a high precision level of ± 20 micron margin, which is considered quite advanced in the industry.

Dent Giant

Large Format, High Efficiency

Machine parameters

Building size	218*128*140mm
Projector Resolution	7680*4320
Native Pixel Size XY	29 μ m
Molding speed (max)	50mm/h
Screen	8k mono
Molding band	405nm
Transmission mode	USB,wired network,wifi
Equipment Weight	47kg
Equipment size	400*400*1400mm
Working environment	20~30°C



see more >>
<http://ifun3d.com/>

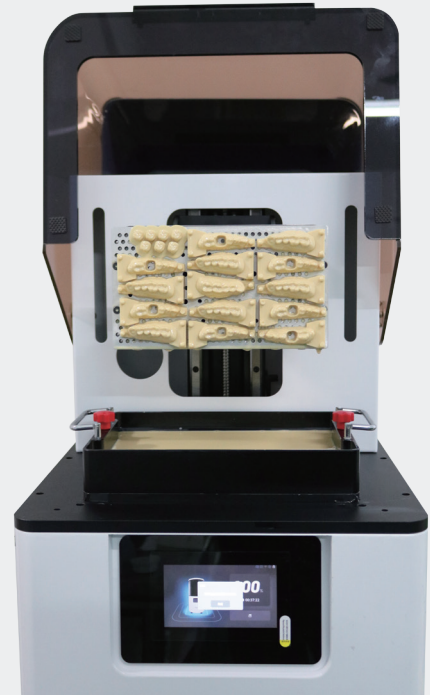
HIGH PRECISION $\pm 35\mu\text{m}$

The accuracy of the printed model is ± 35 microns, which meets the accuracy requirements of implantation and orthodontics.



LARGE FORMAT PRODUCTION

Super large format (printing size 218*128*150mm) can print 14-16 half-mouth molds at one time when printing full-page.



27
min
Height:
16mm



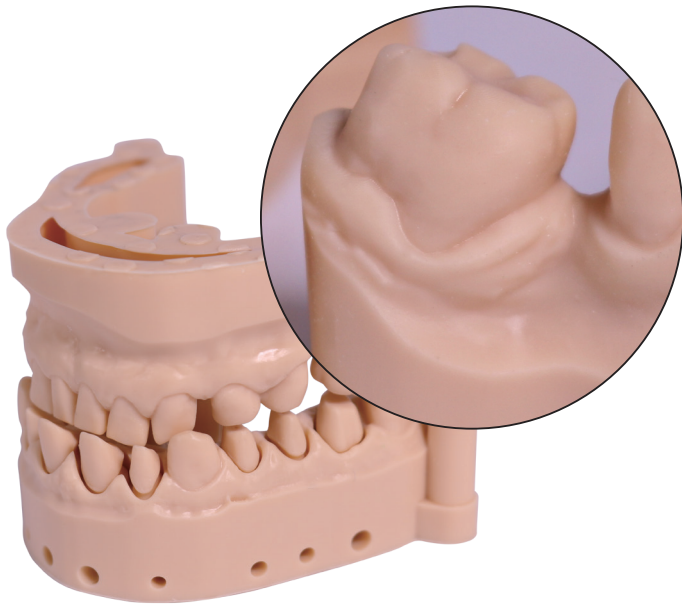
FAST PRINT

Ultra-fast printing, with #IF3160, it can complete a version of 16mm high dental mold printing in 27 minutes, and the single-layer exposure time is 1.6 seconds/layer.

EASY PICKUP

The unique printing platform makes the dental model very easy to remove, eliminating model deformation caused by improper removal.





FINE SURFACE

The high pixel density of 29 μ m ensures that the edges of printed dental models are sharp and clear, with a smooth surface finish.

APPLICATION SOLUTION

When paired with our high-power curing box and dental resin, our dental model printer delivers exceptional final results. We also offer a complete application solution and personalized guidance for optimal use.



DETACHABLE DESIGN

Our device features a seamless design that eliminates the need for extra space to accommodate a lid. Simply slide open the acrylic cover to begin use. We have gone a step further by incorporating a cabinet base that allows you to store tools, resin, alcohol, and other materials. The cabinet is detachable, and if you do not require a base, we offer the machine by itself as well.