



# SUPER MAKER SLA400

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Industrial SLA  
3D printer


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Break through Limit


Reconstruct Imagination


ZHUHAI ZONGHENG 3D INTELLIGENT TECHNOLOGY CO.,LTD

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Contributing to China's manufacturing industry

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**SUPER MAKER**

INDUSTRIAL SLA 3D PRINTER

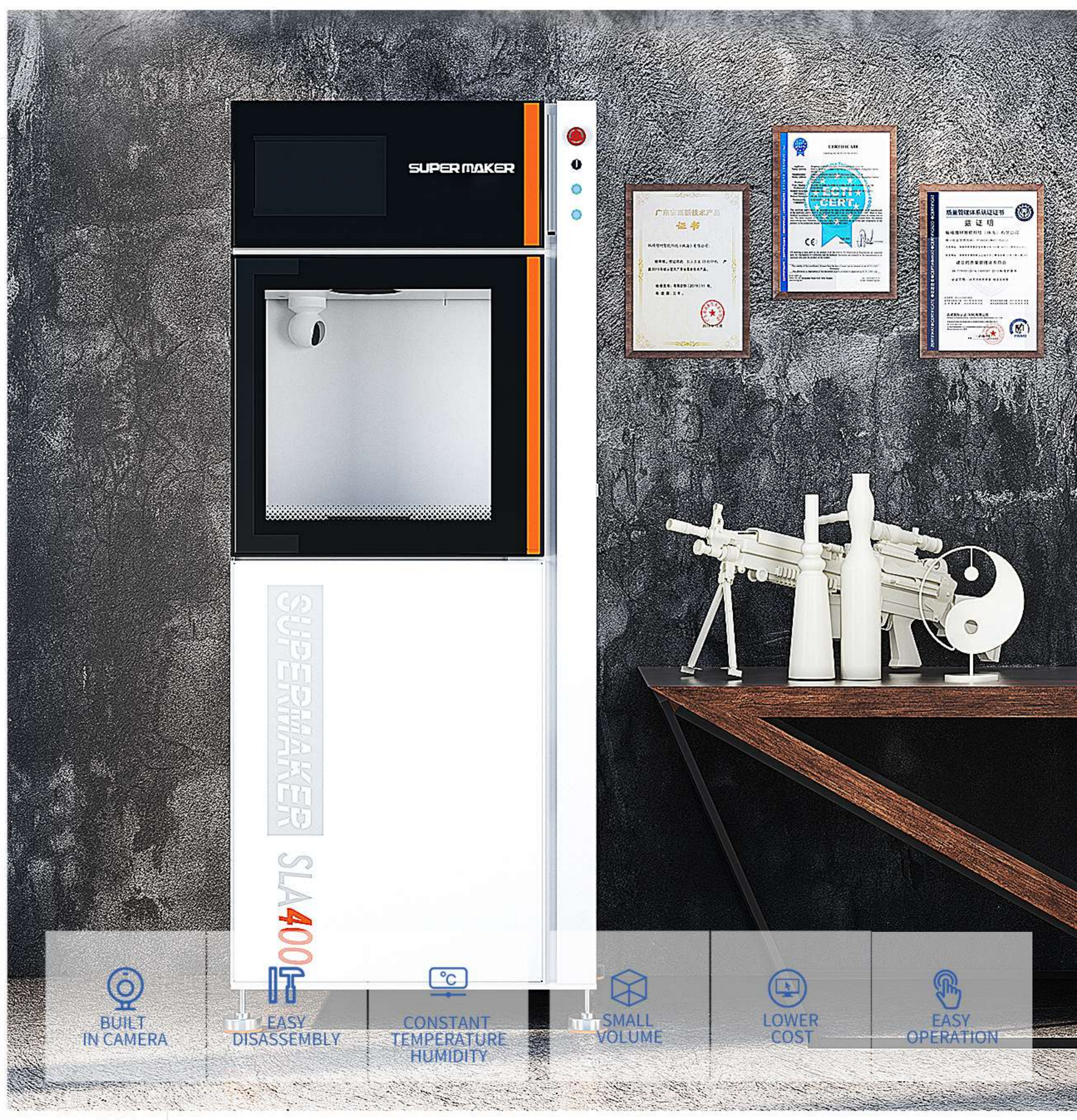
# SUPER MAKER SLA400

INDUSTRIAL GRADE  
SLA 3D PRINTER

SLA400 printer is an industrial application printer developed and produced by Zongheng3d. It is characterized by high integration and fast printing speed.

R&D engineers can quickly convert the 3D model data designed by computer into real objects, by 3D printing and rapid prototyping.

This process is saving production time, even ten times faster than the traditional production methods.



BUILT  
IN CAMERA

EASY  
DISASSEMBLY

CONSTANT  
TEMPERATURE  
HUMIDITY

SMALL  
VOLUME

LOWER  
COST

EASY  
OPERATION

## FOCUS ON 3D PRINTER DEVELOPMENT AND MANUFACTURING



### SLA FORMING PROCESS

- . Excellent accuracy and precision
- . Wide selection of materials
- . Fast processing speed

Product Model	Super Maker SLA-400
3D Technology	Stereo lithography Appearance
Machine Dimension	747*843*1780mm
Gross Weight	Around 320kg (excluded materials)
Laser	CUstomized uv laser
Galvanometer	High-end digital Galvanometer
Spot Size	0.1MM
Scanning mode	Galvo scanning
Scraper	Vacuum adsorption scraper
Scanning Speed	Between 6000mm/s-10000mm/s
Liquid level detection system	Laser level sensor
Material	355-380nm wavelength specific photosensitive resin
Forming space	400mm×400mm×350mm(can be customized)
Layer thickness	0.05mm—0.15mm
Forming speed	MAX 180g/h
Resin Tank	Removable & Replaceable
Power Supply	220V, 50HZ
Rated Input Power	650w
Operating system	Windows 7
Network type and protocol	Ethernet, TCP/IP
Data format	SLC,STL
Forming accuracy	Part size <100mm: L±0.1mm Part size ≥100mm: L±0.1%×L
Workplace requirement	≥3M*3M*2.8M

## APPEARANCE REFERENCE



Unit: MM  
weight: ≈ 320KG

## PRODUCT ADVANTAGES

Save material without removing surplus material, improve material utilization, and reduce production costs by eliminating traditional production lines.

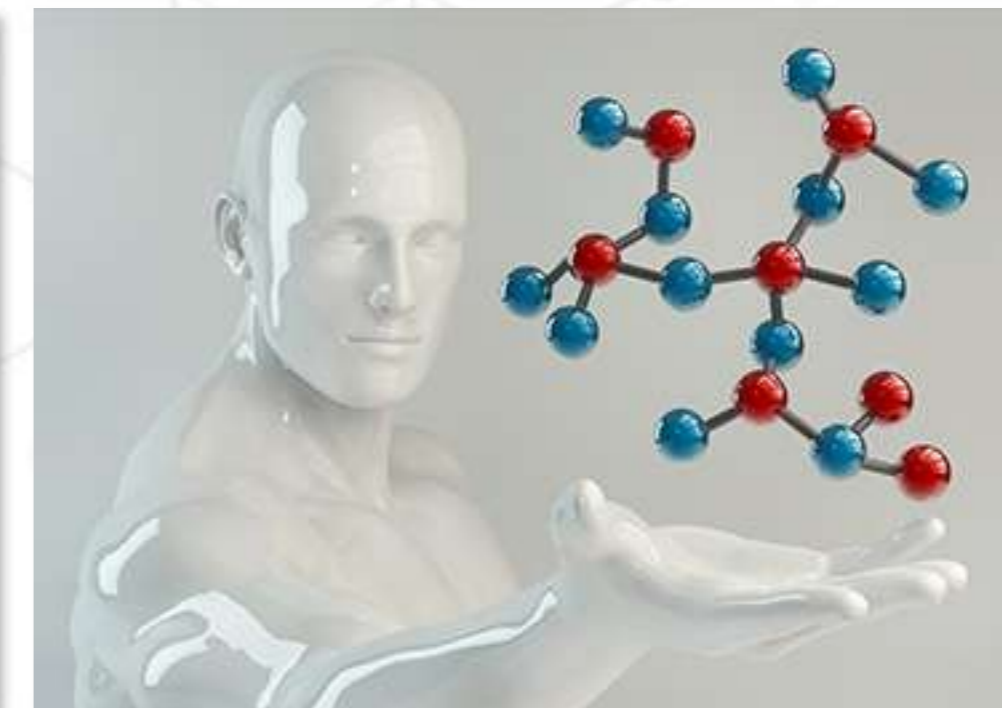
It can achieve high precision and complexity, and can manufacture very complex parts that cannot be made by conventional methods.

3D printing does not require a centralized fixed production workshop and can be allocated distributed production.

It can automatically, quickly, directly and accurately convert the 3D design into actualized physical model, and even directly manufacture parts or molds, thus effectively shortening the product development cycle.



CG DESIGN



BIOMEDICINE



TOYS CARTOON



JEWELRY PROCESSING



ARCHITECTURAL DESIGN



CULTURE CREATIVITY

## WIDE APPLICATION FIELDS

### Industrial SLA 3D printer Application in:

- Prototype manufacturing
- Automobile manufacturing
- Toys and animation
- Electronic appliances
- Aerospace
- Medical support
- Precision casting
- Architectural design
- Cultural creativity.....



#### AVIATION FIELD

Present the most visualized appearance display for the aviation designer and shorten the prototype design cycle.



#### SHOE MOLD DESIGN

Present actualized print samples for shoe designers, largely shorten shoe design schedule.



#### MOVIE PROPS

Print out all kinds of props rapidly for varied scenes used in movies and videos production.



#### CG DESIGN

Present extremely high precise models for CG practitioners and crafting enthusiasts.



#### MEDICAL ASSISTANCE

Quickly print out practical useable medical devices and tools, etc.



#### AUTO PARTS

Present practical unique auto parts for auto enthusiasts.

## ADVANTAGES

### Control System

Adopt intelligent control method, improves efficiency, stability and scalability.

### Optical System

Stable and reliable layout of optical components, closed design, can reduce external interference and pollution.

### High Automation

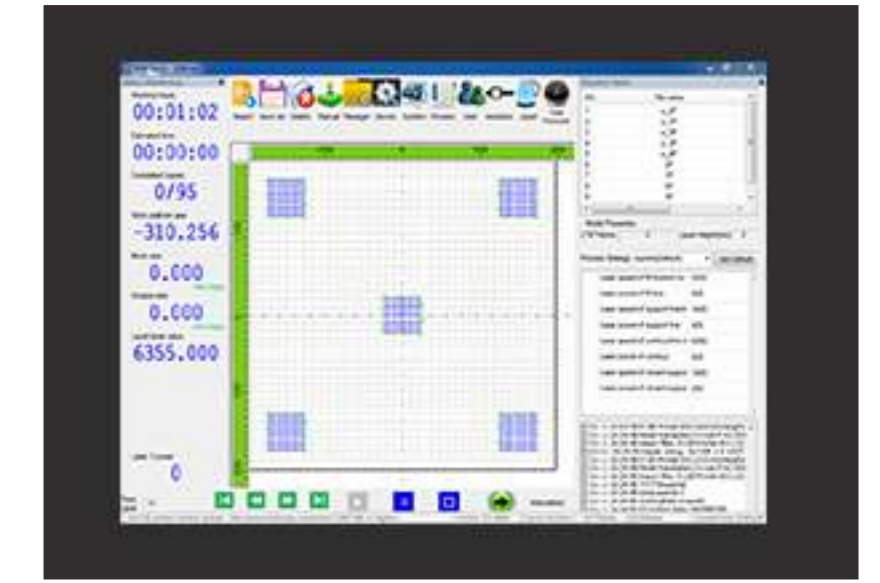
The whole printing process is fully automatic, no need for human intervention, basically achieve unattended production.



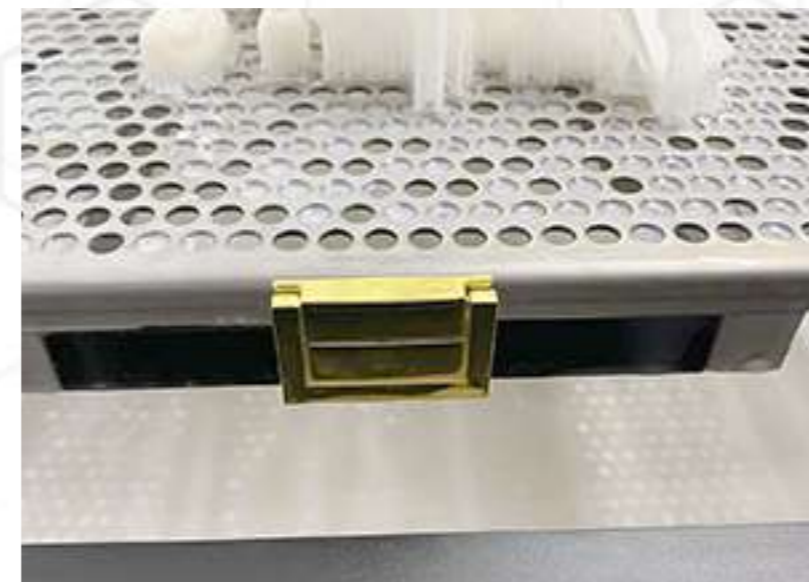
BUILT IN CAMERA



EASILY REPLACEABLE RESIN TANK



LARGE SCREEN-10 INCH



REMOVABLE PLATFORM  
CONVENIENT CLEANING

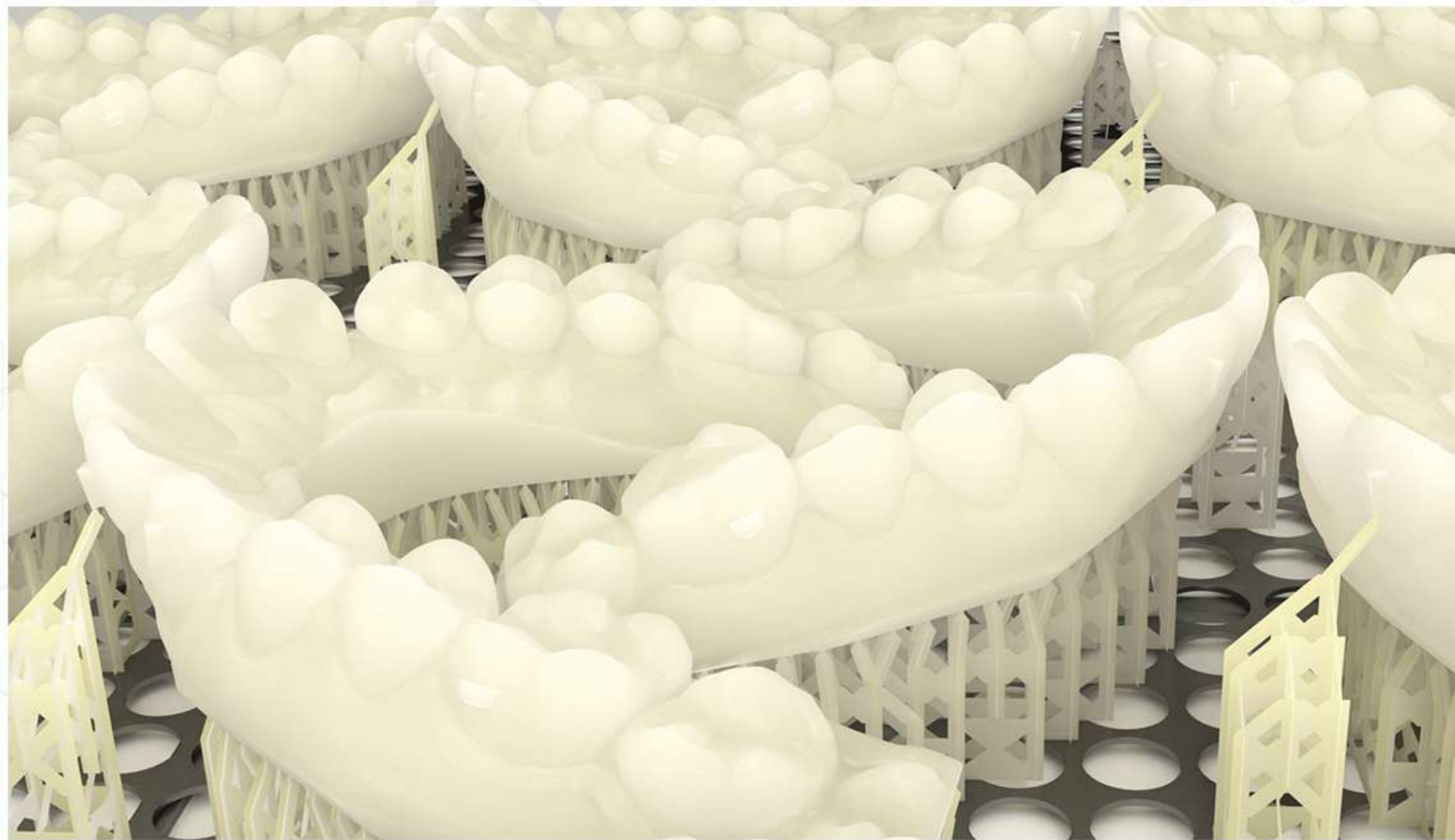


CONSTANT TEMPERATURE  
& HUMIDITY,  
INTERNAL SYSTEM REDUCE  
EXTRA EQUIPMENT  
REQUEST, COST SAVING



## PROFESSIONAL PRINTING PROCESS

- . Printing Process Automation.
- . Print multiple personalized models in small batches to save mold development costs.
- . Support varied different models printing simultaneous, greatly reducing printing time.
- . Printing mode can reduce production costs and even achieve mass production.



01

Import 3D model file into slicing software

(File format: STL)

02

Import into computer or other device

(Support remote transmission)  
(Support USB flash disk import)

03

Start printing

(Wait for printing completion)

04

Remove the support on model bottom

05

Cleaning model by ultrasonic infiltration

06

Place in UV light curing box for double curing

07

Sanding model surface with sandpaper

### Professional slicing software: VOXELDANCE ADDITIVE

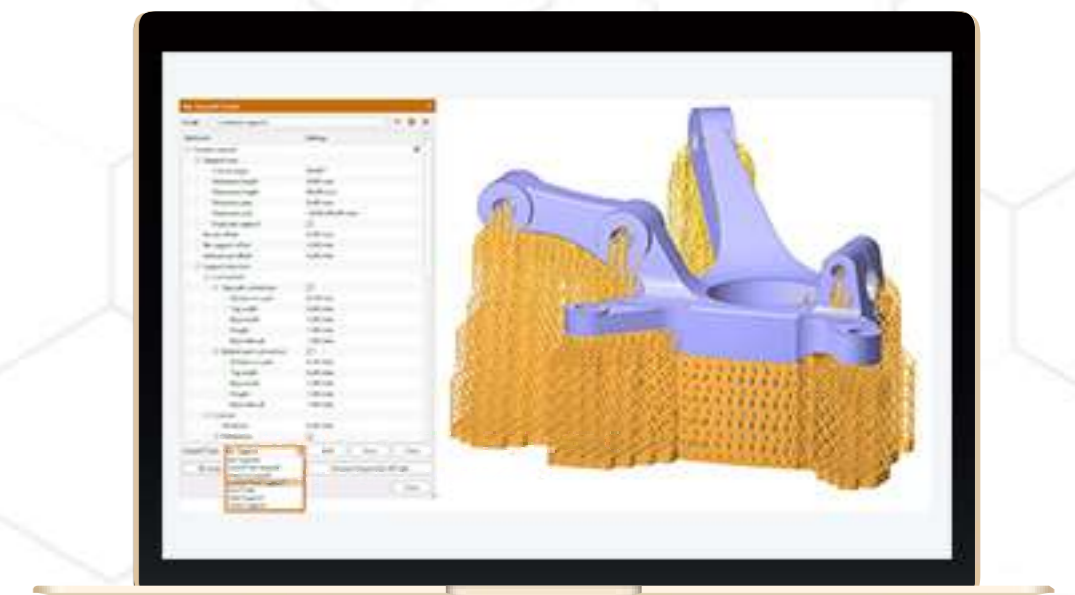
Fully compatible with a variety of 3D software (export STL format), simple interface and easy operation



### UNIQUE FUNCTION

One click to generate professional support, which can be added or deleted manually

Built in a variety of consumables, the best printing parameters, perfect printing effect



## COMPANY INTRODUCTION



### ZONGHENG ADDITIVE INTELLIGENT TECHNOLOGY(ZHUHAI) CO.,LTD

step by step reach thousand miles

Zhuhai Zongheng 3D Intelligent Technology Co.,Ltd founded in 2017 November. Zongheng3D is taking the lead in supplying 3D printer for various industry fields and manufacturing, application to the continuously technology iterations. The company has owned whole experienced team for Technical, Engineering, Manufacturing and Sales, with strong self-developed, R&D and production capacity, offering specialization 3D Printing solutions, 3D Printer customized and integrated technical supports, specialized in industrial 3D SLA printer.

Zongheng 3D independently developed its 3D printers and supporting software under its R&D base of 3D printing equipment and raw materials, offering professional customized 3D printing service to varied industries. It has been committed to the application for 3D printing market more than 7 years, providing efficient and affordable 3D print integrated solution to domestic and overseas customers both for commercial or individuals, constantly contributing to achievement of high quality efficient prototyping for clients each creativity actualized demand. Headquarter based in the beautiful coastal city, Zhuhai, with branch offices in Chongqing, Wuhan, Beijing, Guangzhou, etc. Zongheng 3D also has established Research & Education Practice Base, collaborated with many colleges and universities. Tenet to accumulation and consummation of hard technology strength in whole operation system for its development, manufacture, sales & after-sale service.

## EXHIBITION

Professional team and standardized production process



Warehouse



Testing Room



E-commerce Department



assemblage



Showroom

## CERTIFICATION

Authoritative certification and quality assurance





# OPTIMIZED AFTER-SALES SERVICE

## PROVIDE SERVICE FOR INSTALLATION TRAINING

 Installation services

Provide Remote Installation Service

 Professional Training for Software Operation & Practical Operation

3D printer operation tutorial  
3D printing software operation tutorial



Accessory List.jpg



Step1-Unbox .mp4



Step2-Install the laser and Debug.mp4



Step3-Debug the level.mp4



Step4-Debug the Size.mp4



Step5-F&Q.mp4

A series of installation instructional video.

## After-sales Services

 Provide services for 7\*12 hours online technical support

 Free detection for machine malfunction

 Free verification and upgrade for machine and software

 Designated after-sales staff following up the whole process for each machine

 Provide one-year warranty from the date of delivery



REMOTE&ON-LINE SERVICE