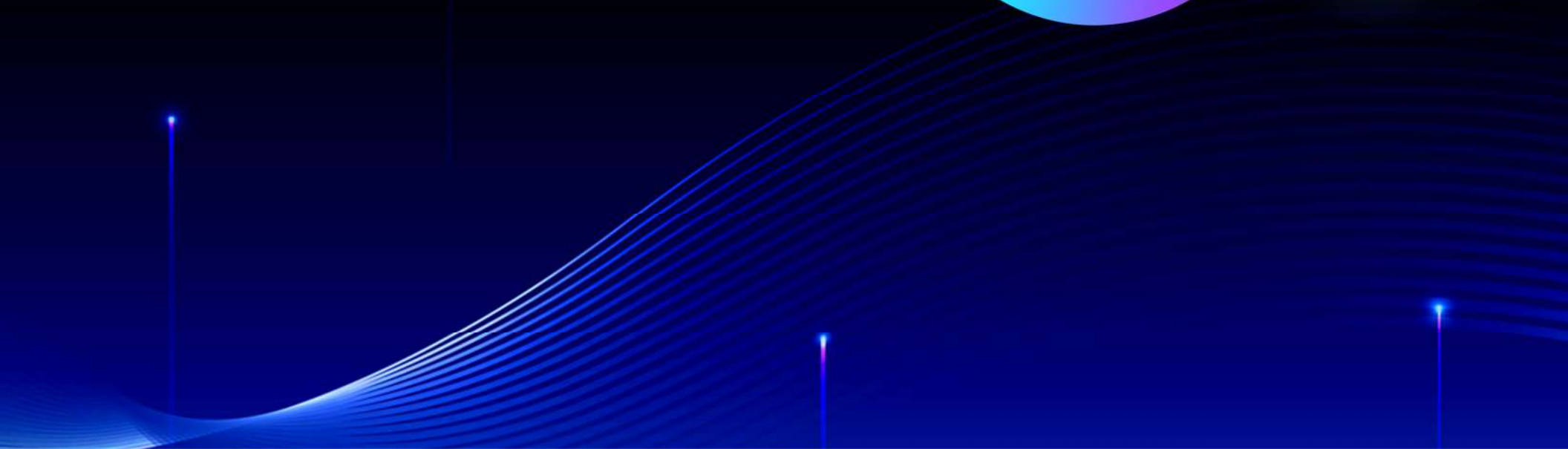
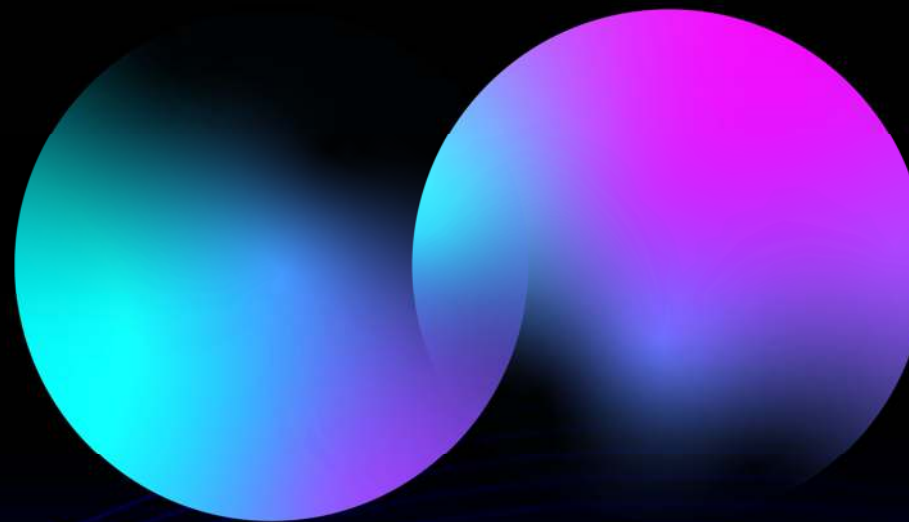


GCO

# Mars 4 Ultra

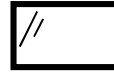




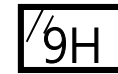
# Metal Body • New L

Mars 4 Ultra 3D Printer

ELEGO



HD Mono LCD  
Resolution 18\*18um  
(8520\*4320)



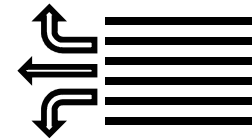
Tempered Glass  
9H Hardness



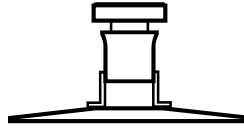
Print Volume  
153.36 \*77.76\*165mm



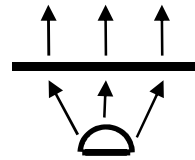
WIFI Transfer



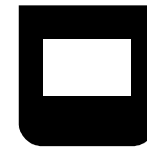
Efficient Heat  
Dissipation



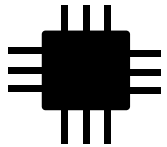
Laser Engraved  
Build Plate



COB+Fresnel Lens



Capacitive  
Touch Screen



Linux System



Upgraded Plug-in  
Air Purifier



Multiple  
Languages



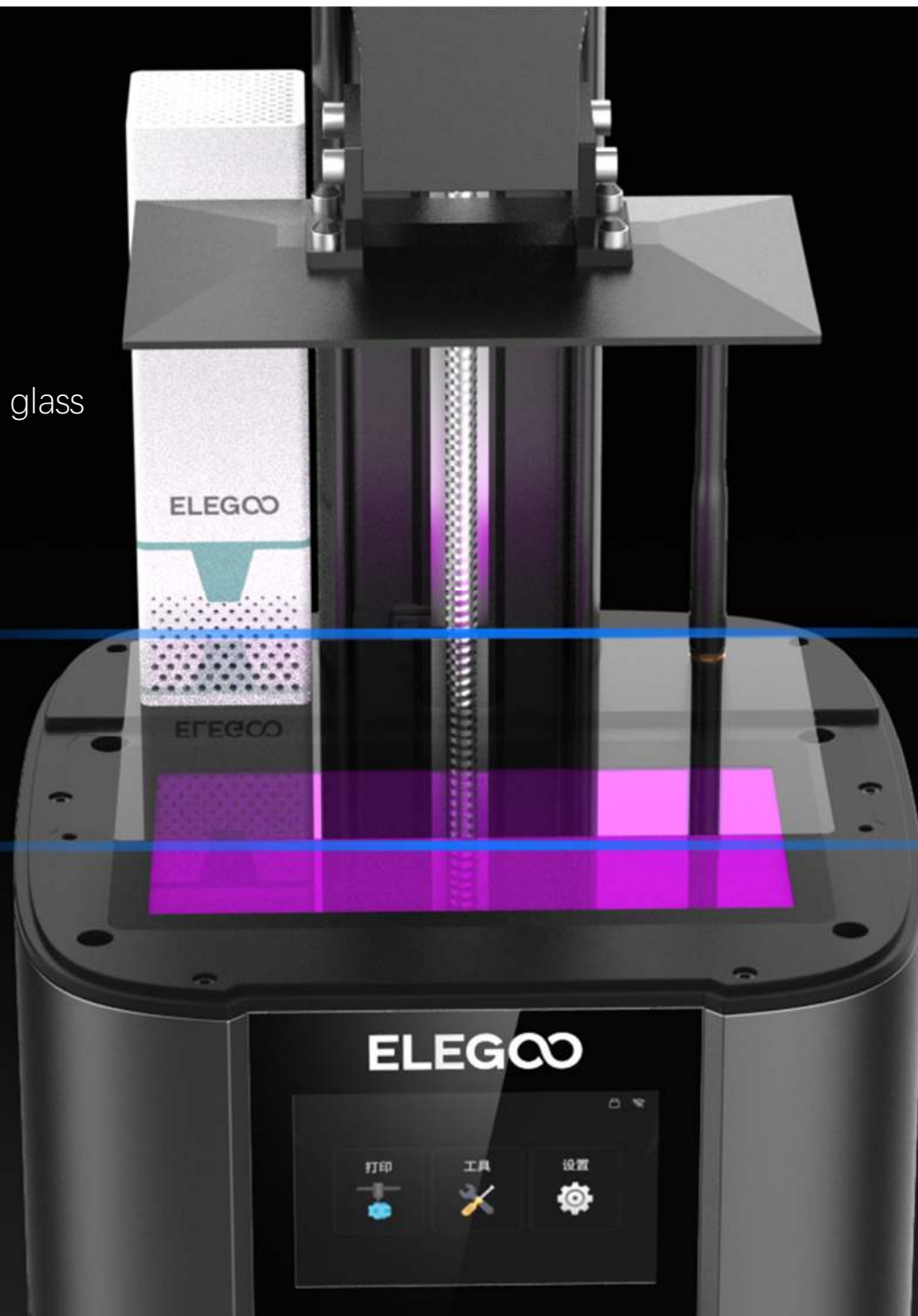
Open-source  
GOO Slicing Form  
( Compatible with many  
slicing softwares)

ELEGOO

# Tempered Glass Screen Protector

Thickness explosion-proof high-permeability tempered glass  
Scratch-resistant and scratch-resistant  
Effectively extend the life span of the LCD screen

Easy to clean  
Protect the screen from leakage resin or other liquids  
Protect the screen from dirt and scratches



# / Linux system

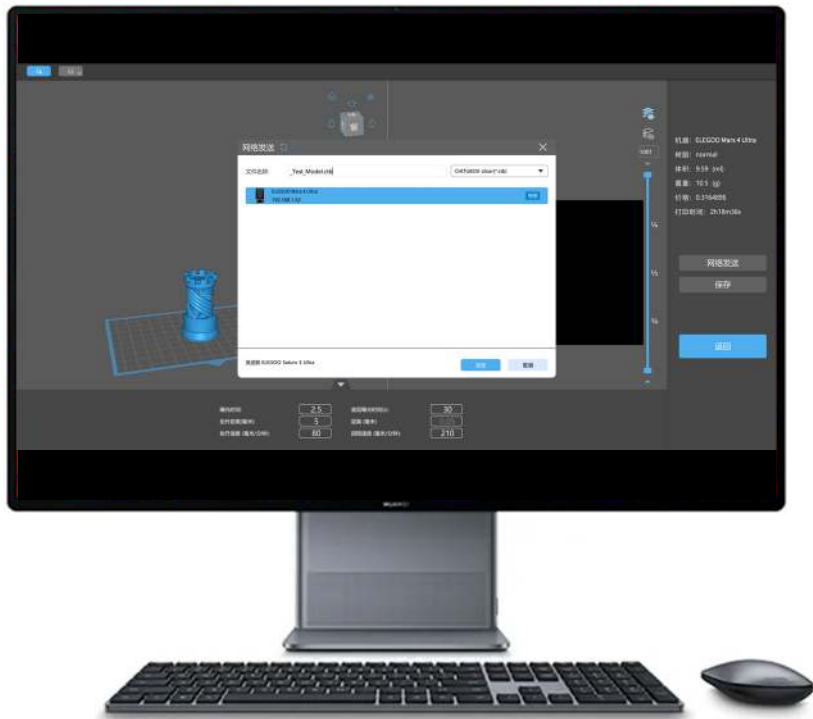
4G onboard memory, more stable file transfer  
ster, no delay in printing and loading pictures



ELEGOO

# Support Wi-Fi Transfer

Transfer files without plugging in the USB, the transfer speed is 6-10MB/s\*, compatible with 2.4G and 5G networks



transfer via WIFI



\*Above data from ELEGOO R

# MARS 4 Ultra

Resolution 18\*18um (8520\*4320), pixel density 1411 PPI



# MARS 3 PRO

ELEGCO

XY resolution 35\*35um (4098\*2560), pixel density 728 PPI

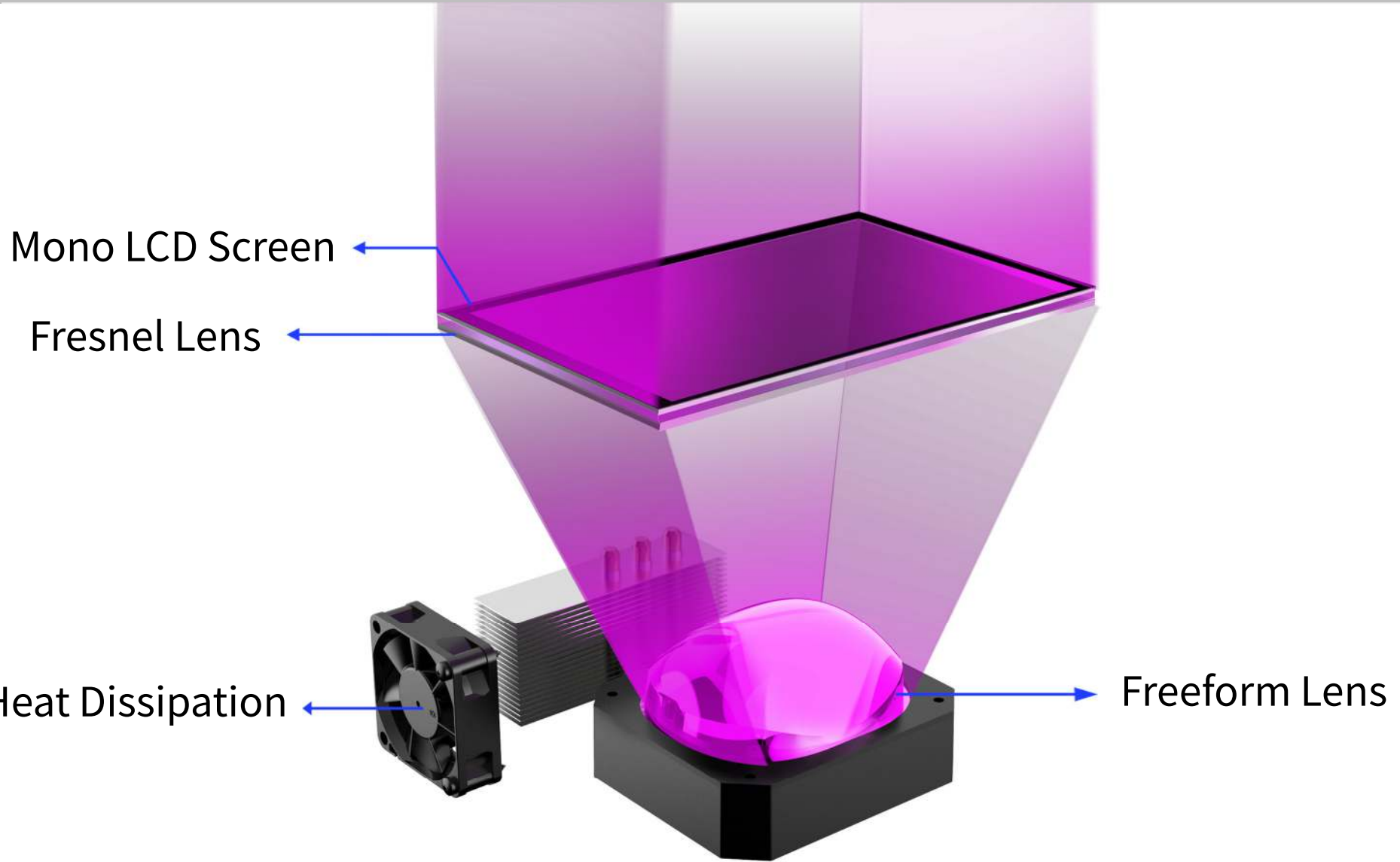


# el Collimating Light Source

ve Patented Technology

ing lights within 5°, uniformity reaches 92% and above, realizing more realistic details of the printed model!

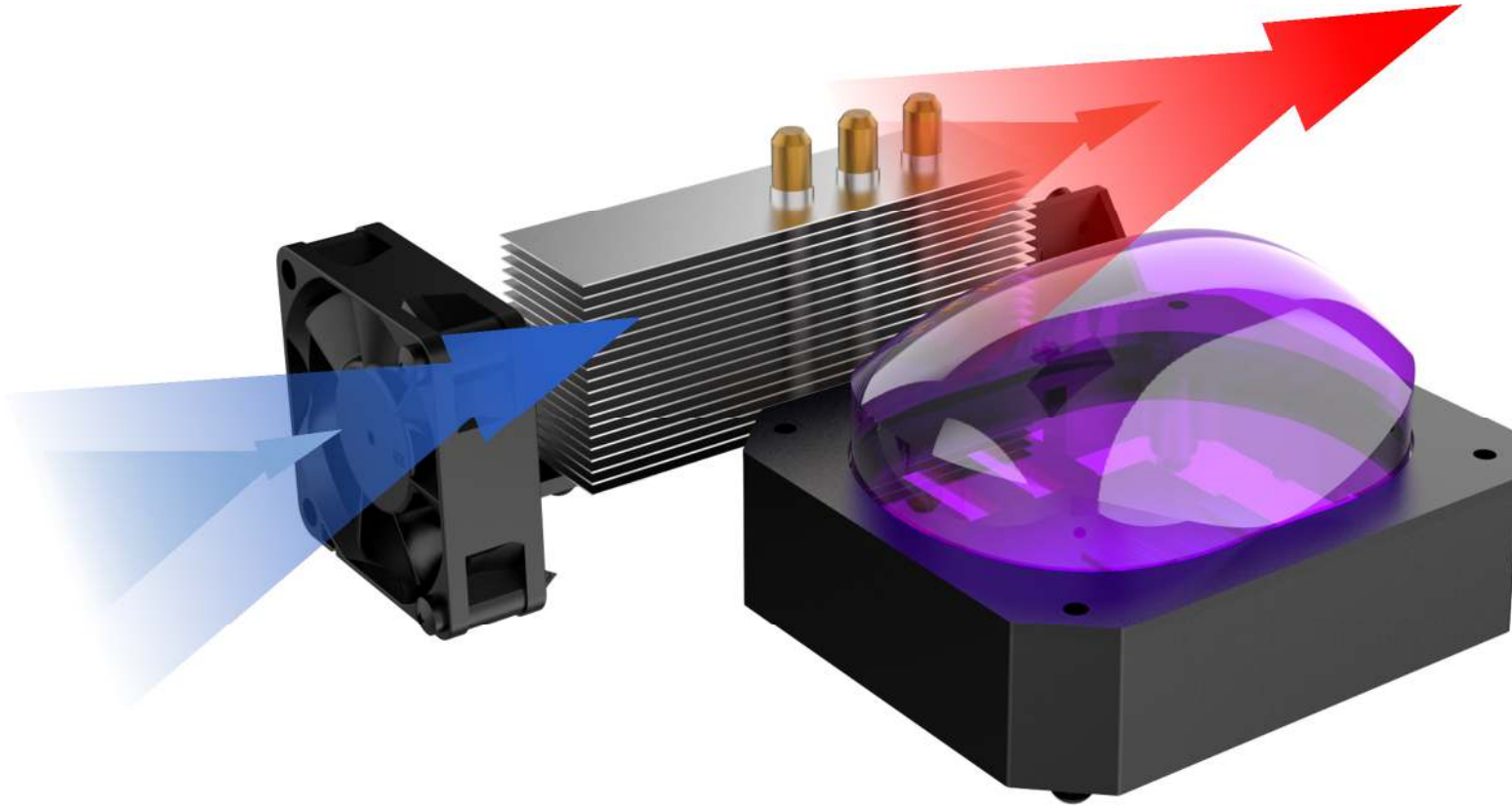
ELEC





# Unique Heat Dissipation

efficient dissipation performance  
along the service life of the printer



# Large Print Volume

153.36 (L)\*77.76 (W)\*165(H)mm<sup>3</sup>  
Unleash your creativity



\*Above data from ELEGOO R

# Stable Printing Experience

Print fast, max 70mm/H  
Move stably, z-axis accuracy 0.02mm, giving the prints more delicate details!



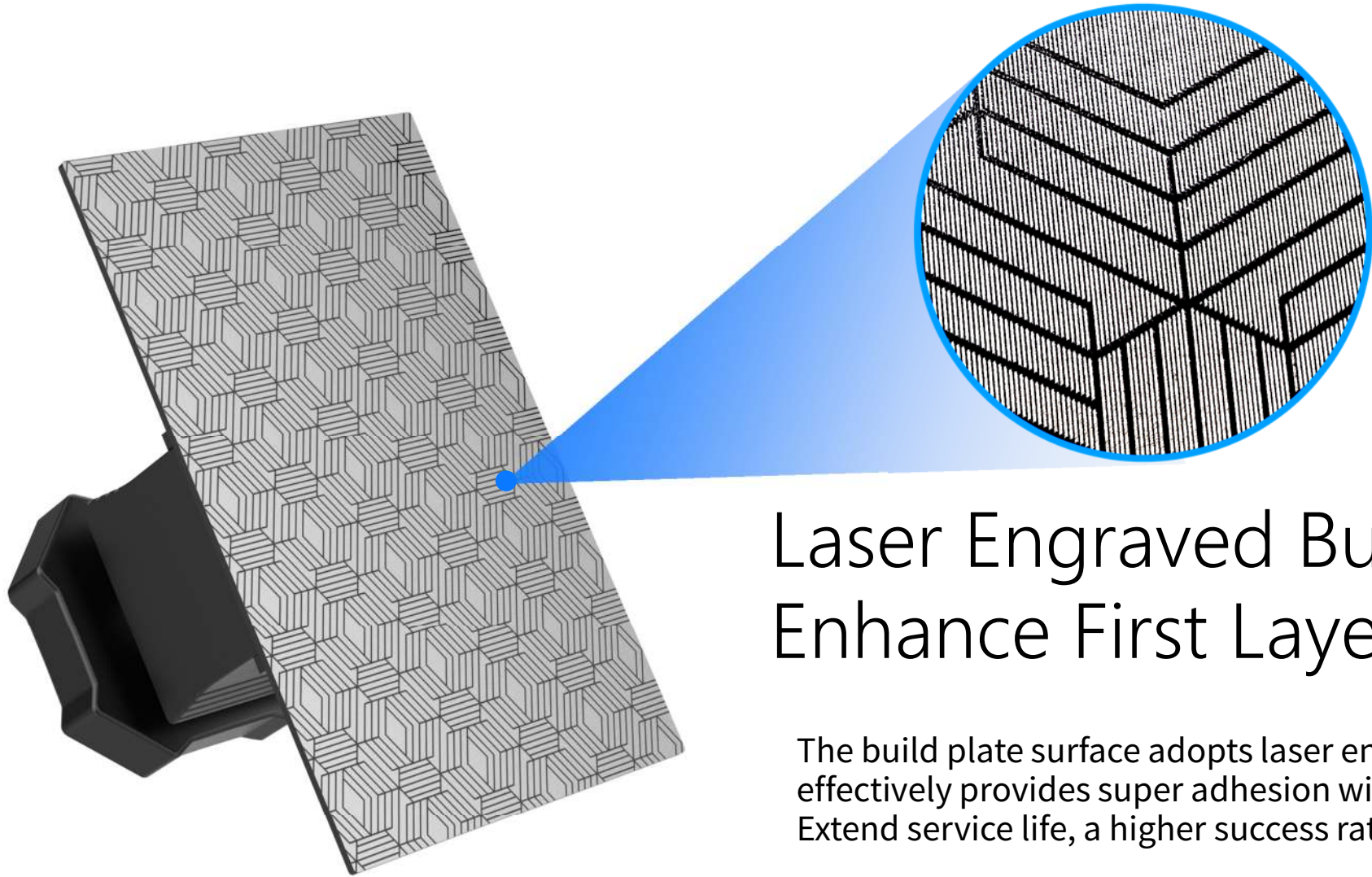
Z-axis linear guide rail

## 4 Screws Leveling

clockwise tightening,  
easy operation,  
only need leveling once\*



Result is provided by the ELEGOO R & D laboratory. The specific result should be subject to the actual operation and situation.



## Laser Engraved Build Plate Enhance First Layer Adhesion

The build plate surface adopts laser engraving technology,  
effectively provides super adhesion with the first layer of the  
Extend service life, a higher success rate of printing

# 2 Languages

ELEGO

Chinese, English, Japanese, Korean, Portuguese, Russian, Turkish, German, Spanish, French, Dutch, Italian



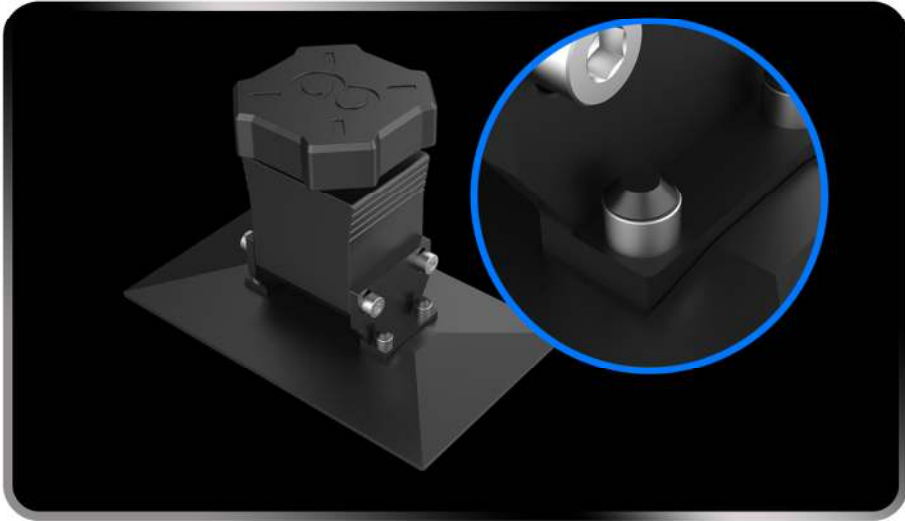
# 4-inch HD IPS Capacitive Touch Screen

- HD touch screen 800\*480px
- New UI interface



# Useful Designs for better user experience

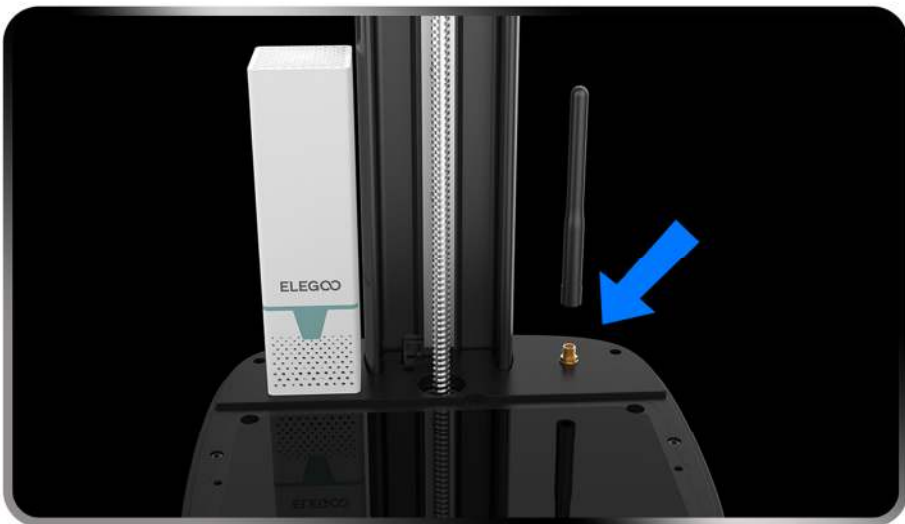
ELEGO



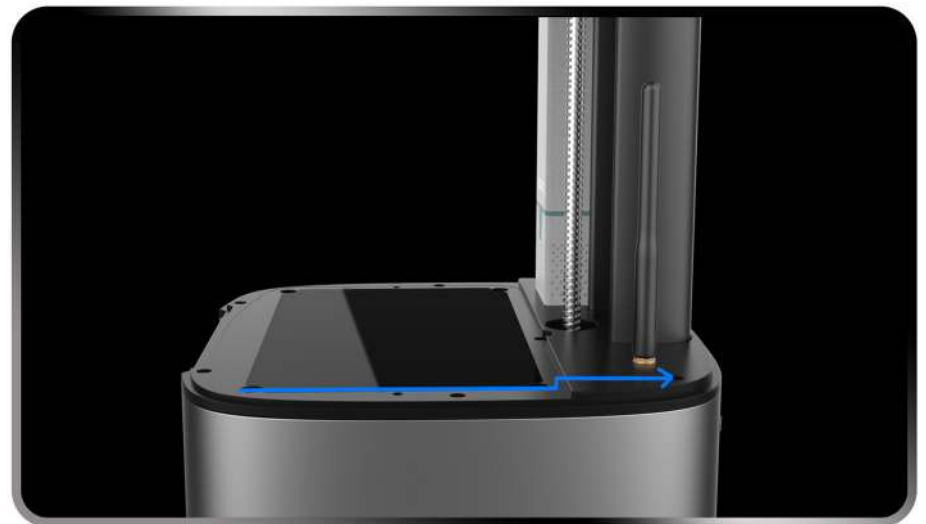
The 4 screws that fix the build plate are added a rubber cover on top to reduce the cleaning job



Adjustable foot pads, can adapt to the unevenness of the desktop where the machine is placed



Detachable antenna



The small stepped design of the middle platform effectively prevents the resin from flowing into the interior and damaging the machine



# Upgraded Air Purifier 2.0

Designed for 3D printers, it can effectively absorb the odor molecules emitted by resin. An activated carbon filter is added with a cover to prevent dropping carbon.



The built-in activated carbon filter is added with a cover to prevent damage during shipping.

# Smart Voxeldance Tango Printing Modes

ELECO

Standard mode: print according to the sliced settings

Dynamic (smooth mode): adjust the printing speed dynamically according to the cross-sectional size of the printed model, reduces the influence of release force

Dynamic (high-speed mode): print even faster based on the smooth mode, improves printing efficiency.



## Voxeldance Tango



Mode  
ct



mic  
e



09 : 58 : 00

Print Time

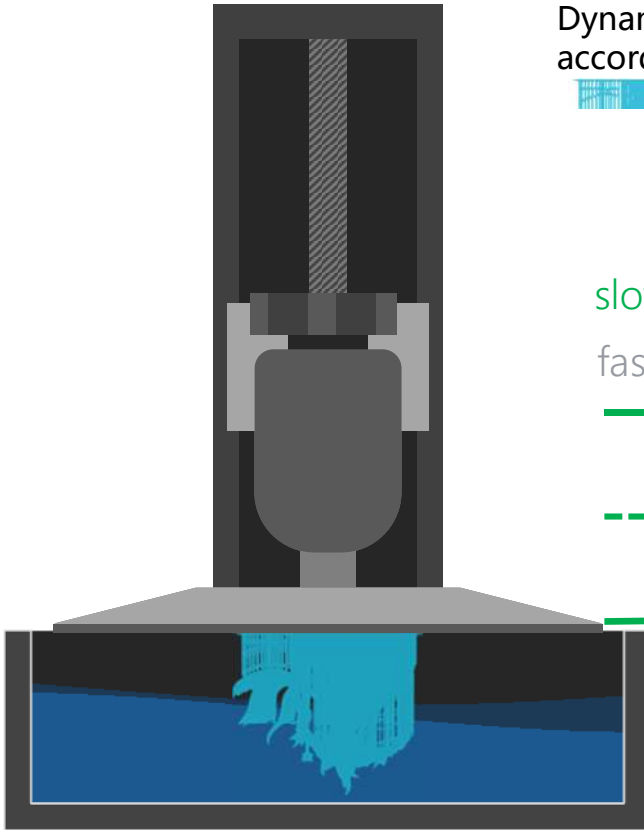
09 : 05 : 00

Dynamic mode will adjust the speed dynamically according to the cross-sectional size of the printed model

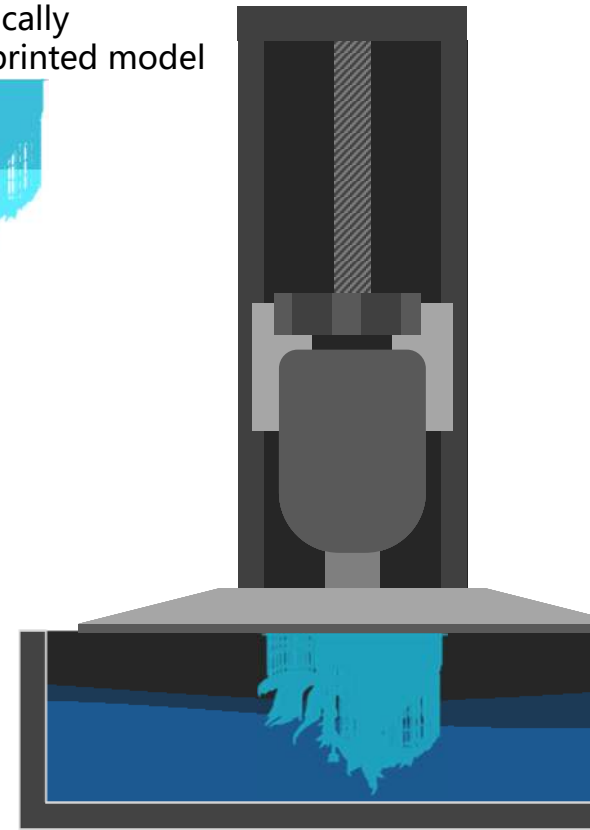


slow —

fast —



Static Mode



Dynamic Mode

Printing the same model under same exposure time (2.8s), speed comparison between

\*Above data from ELEGOO R

# Open-Source GOO Slicing Format

ELEGO

ELEGO self-developed  
support multiple slicing softwares without restriction



Voxeldance Tango

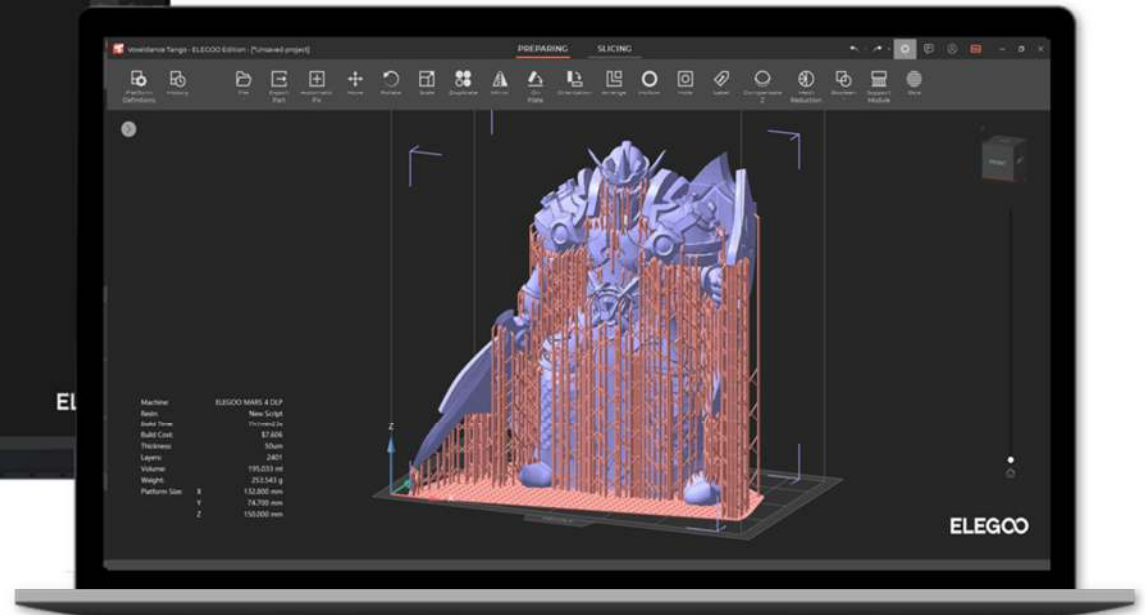
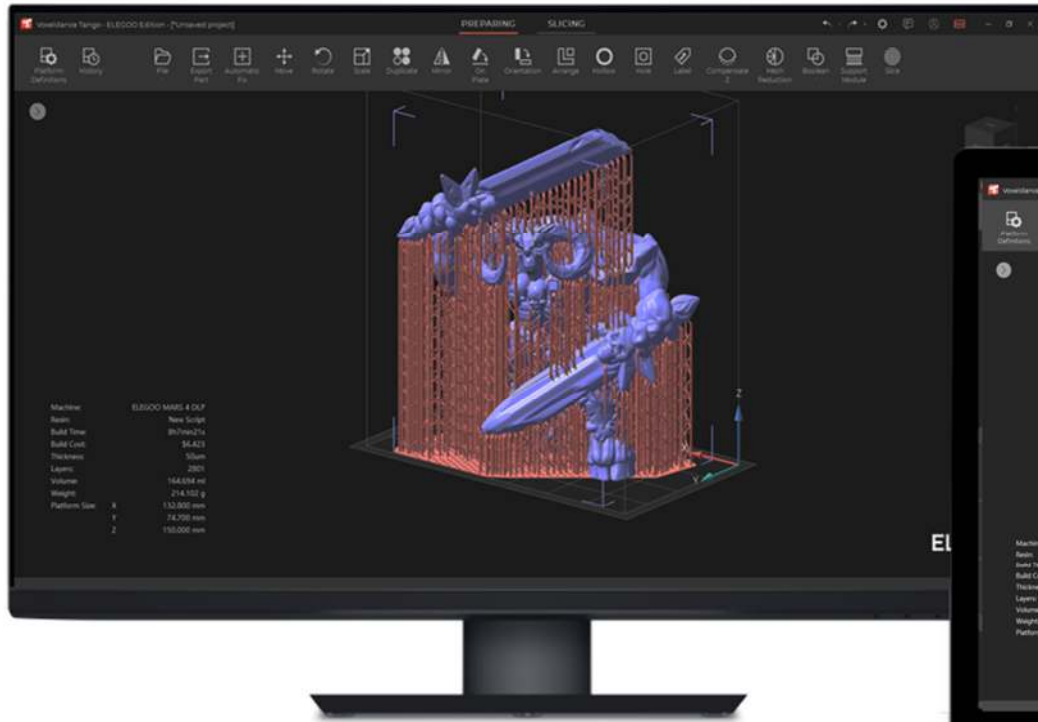


CHITUBOX



LycheeSlicer

Other slicing  
softwares.....



\*Above data from ELEGOO R

# Mars 4 Ultra Parameters

ELEGOO



System: EL3D-4.0

Control: 4.0-inch capacitive touch screen

Slicer: Chitu Box & Voxeldance Tango

Connectivity: USB & WiFi

Technology: MSLA

Light Source: COB+Fresnel Lens (wavelength405nm)

XY Resolution: 18\*18um (8520\*4320)

Z Axis Accuracy: 0.02mm

Layer Thickness: 0.01-0.2mm

Print Speed: 30-70mm/H

Power Requirements: 100-240V 50/60 Hz 24V 3A

Printer Dimensions: 227mm(L)\*227mm(W)\*443mm(H)

Print Volume: 153.36mm (L)\*77.76mm (W)\*165mm (H)

Package Dimensions: 565mm(L)\*270mm(W)\*280mm(H)

G.W.: 8.6KG

N.W.: 7KG

# Wide Application



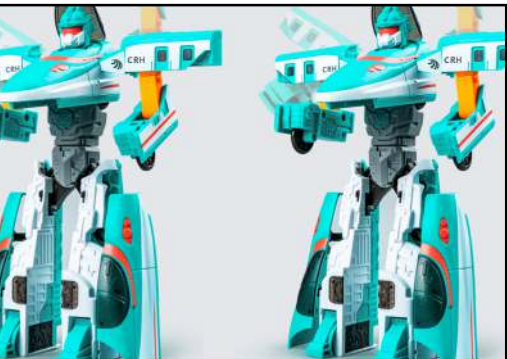
R&D



Dental



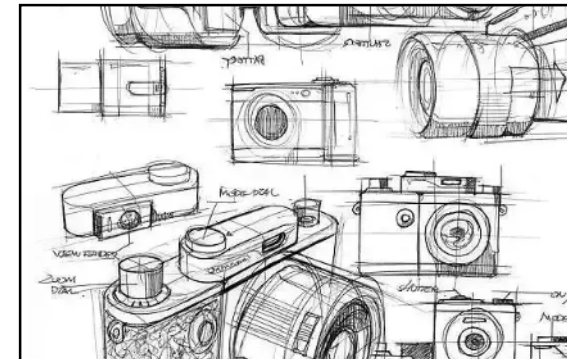
Education



Miniature  
s



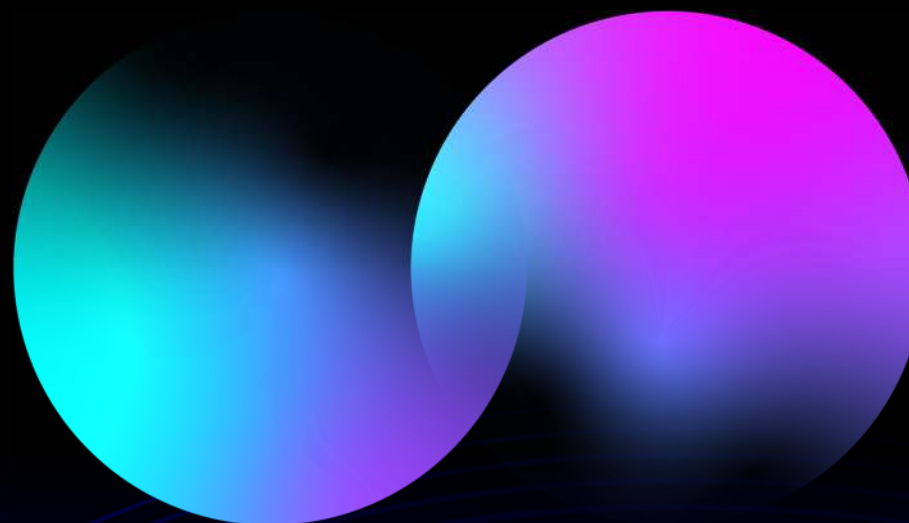
Jewelry



Design

GOO

THANKS



Shenzhen, China