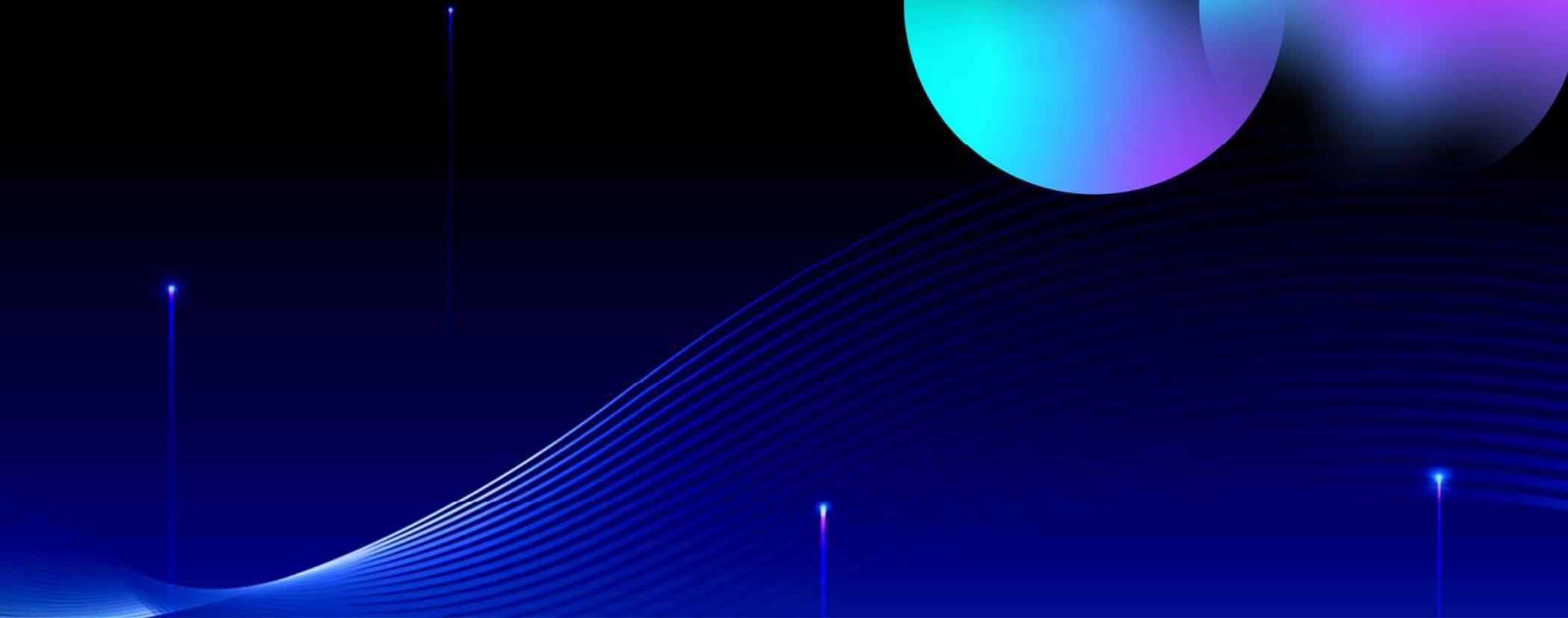
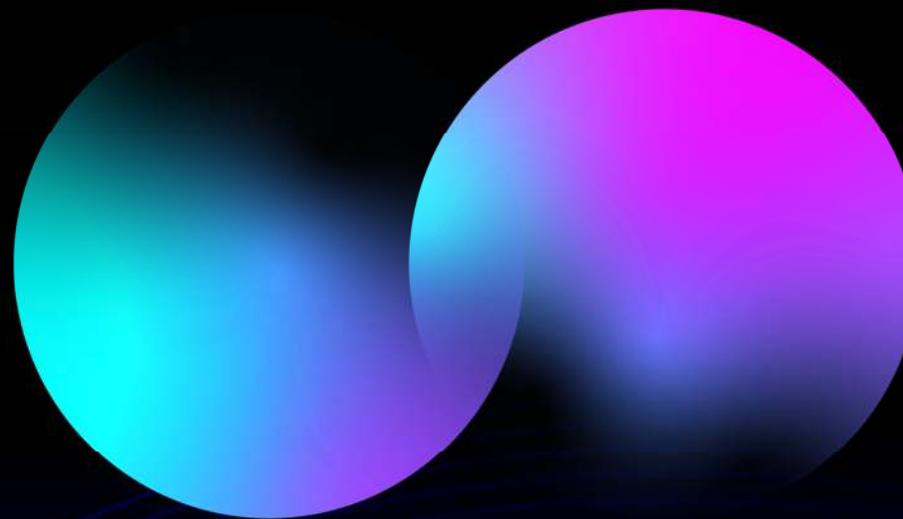


GOO

Saturn 3 Ultra



Metal Body • New Look

Saturn 3 Ultra 3D Printer

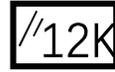
Resolution 11520*5120px

12K





ELEGOO



12K HD LCD Resolution
11520*5120(19*24um)



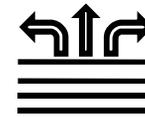
Tempered Glass
9H Hardness



ACF Release Film
Fast Printing
3 times faster (max150)



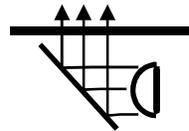
WiFi Transfer



Upgraded
Heat Sink



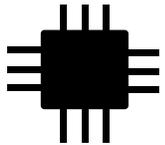
Laser Engraved
Build Plate



COB+refractive
light source



HD Capacitive
Touch Screen



Linux System



Upgraded Plug-in
Air Purifier



Multiple Languages



Open-Source G-code
Slicing Format
(support multiple slicing)

*Above data from ELEGOO

Incredible 12K LCD Screen

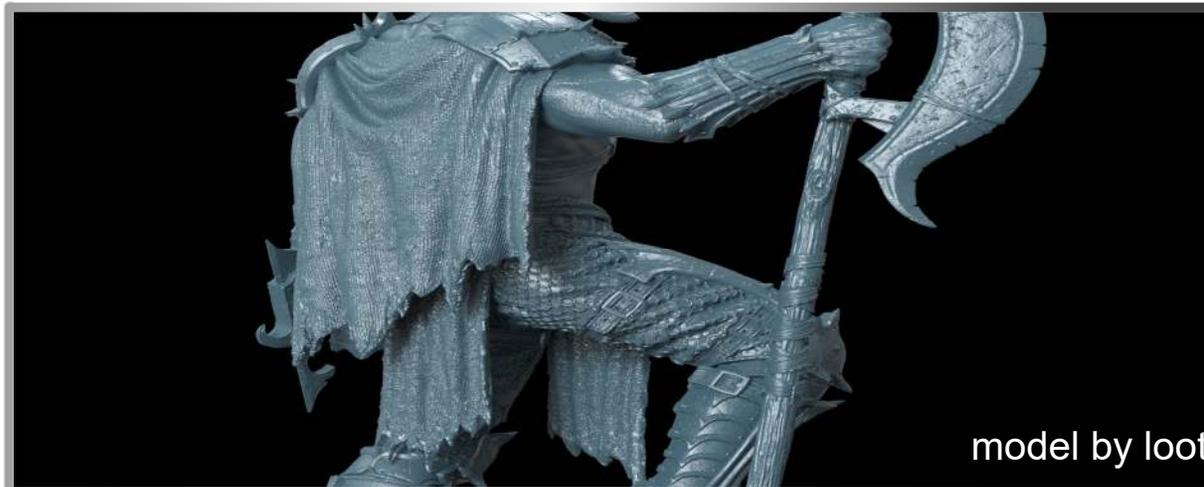
Resolution 11520*5120px (19*24um)

12K

ELEC



model by collectiv

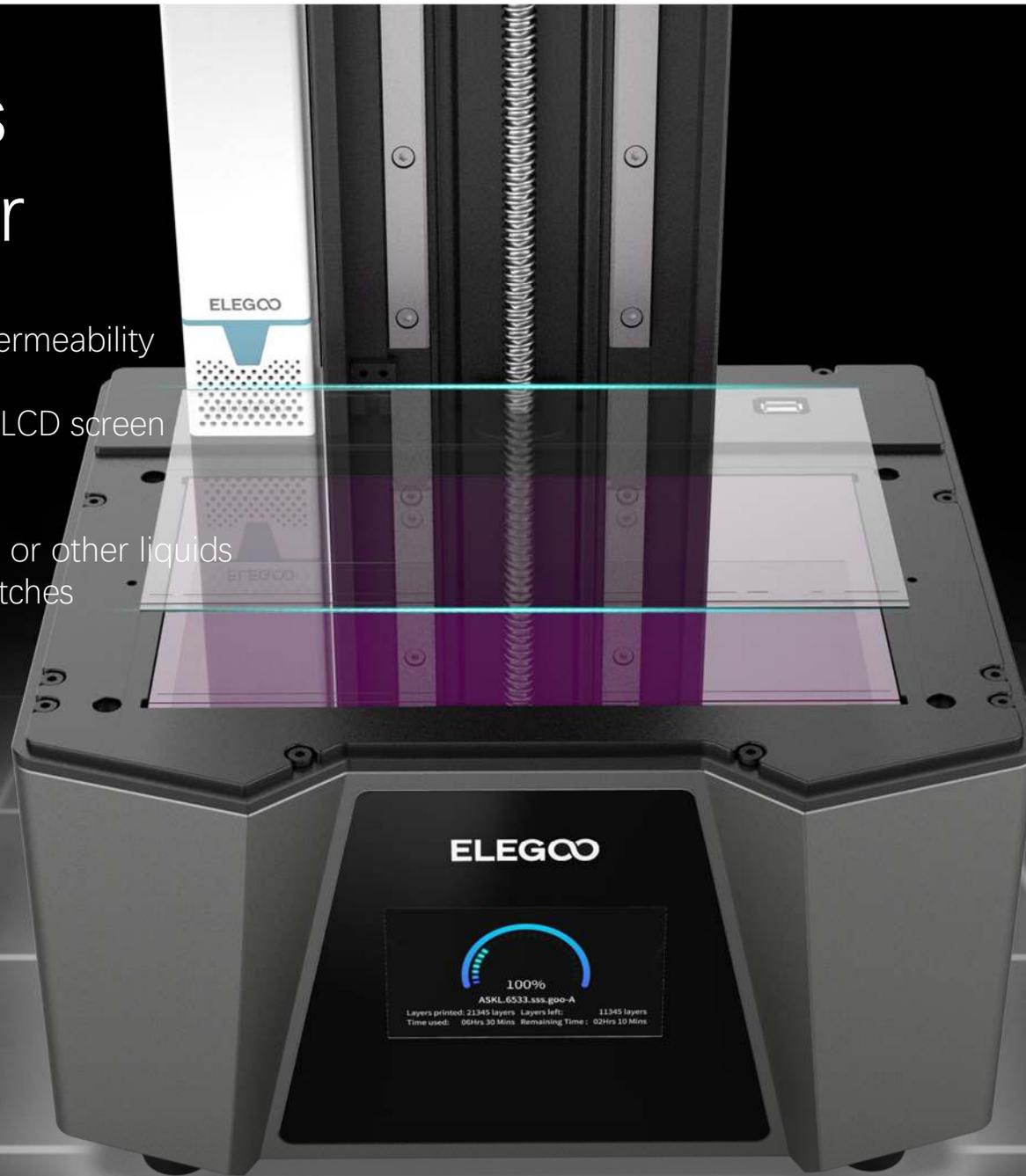


model by loof

Tempered Glass Screen Protector

Thickness explosion-proof high-permeability
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



v Linux system

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

ELEGO

ELEGO

A glowing blue ELEGOO chip is the central focus, set against a dark background of a complex circuit board. The chip is illuminated with a bright blue light, creating a sense of depth and highlighting its edges. The circuit board features various components, including connectors and traces, all rendered in a dark, almost black color with subtle blue highlights. The overall aesthetic is futuristic and high-tech.

COB+refractive light source

ELEC

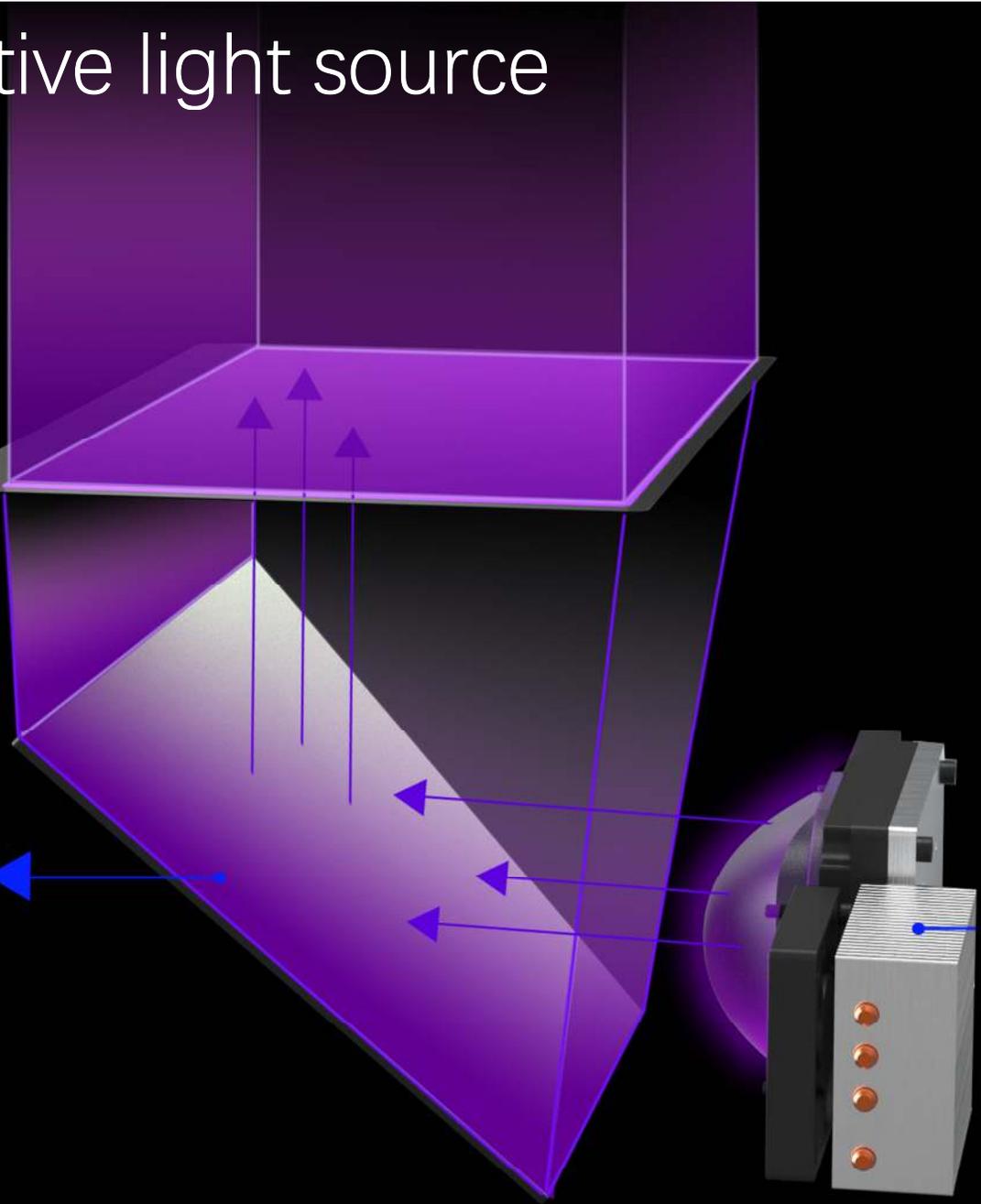
LCD



reflector

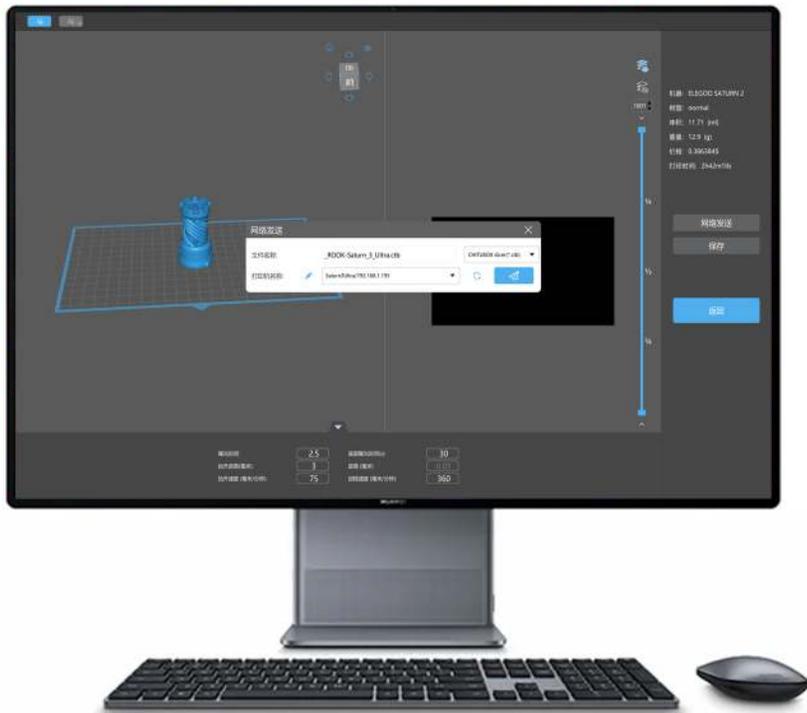


heat dissipation s



Support Wi-Fi Transfer

Transfer files without plugging in the USB, the transfer speed is 6-8x faster, compatible with 2.4G and 5G networks



transfer via WIFI



ELEGOO

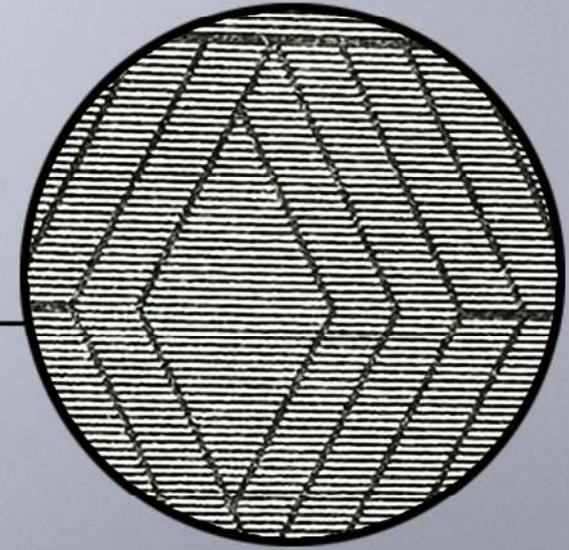
*Above data from ELEGOO R

ELEGO



Large Print Volume

218.88 (L)*122.88 (W)*260mm (H)
Satisfy your creativity



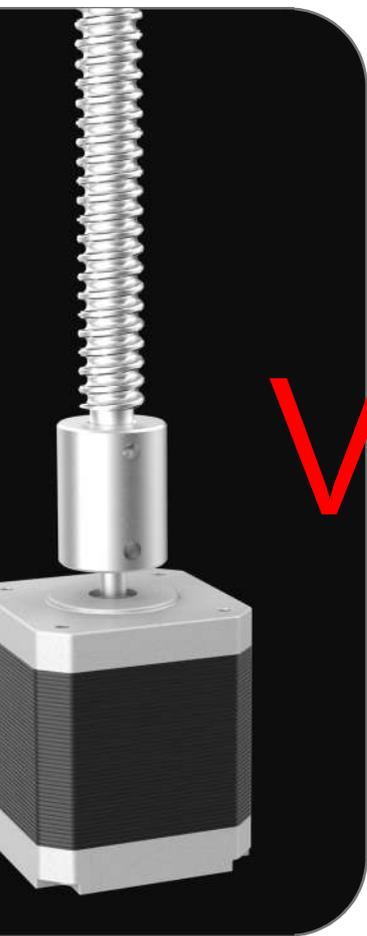
Laser Engraved Build Plate Enhance Model Adhesion

The build plate surface adopts laser engraving technology, providing ultra adhesion with the first layer of the model, to achieve a higher success rate in printing

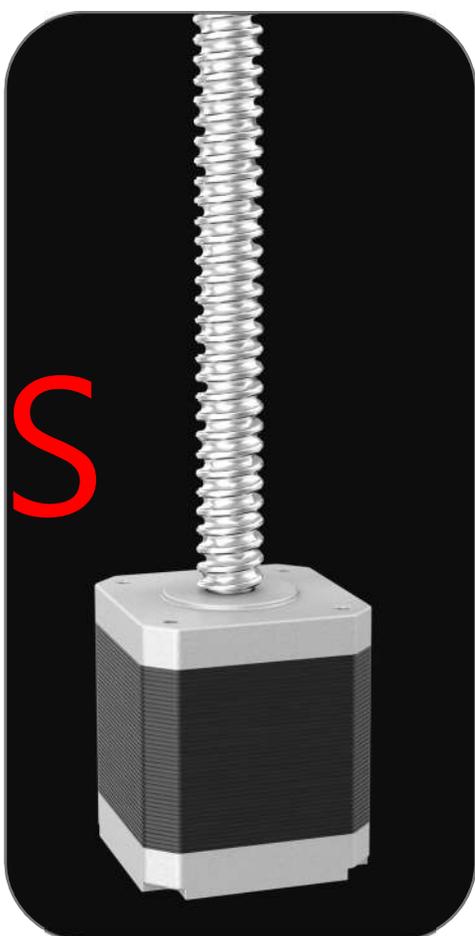
Integrated Ball Screw Design + Double Z-axis Linear Railways

ELEGO

Higher motion, max 150mm/H
More stable, Z-axis precision 0.01mm
Significantly improve the print quality

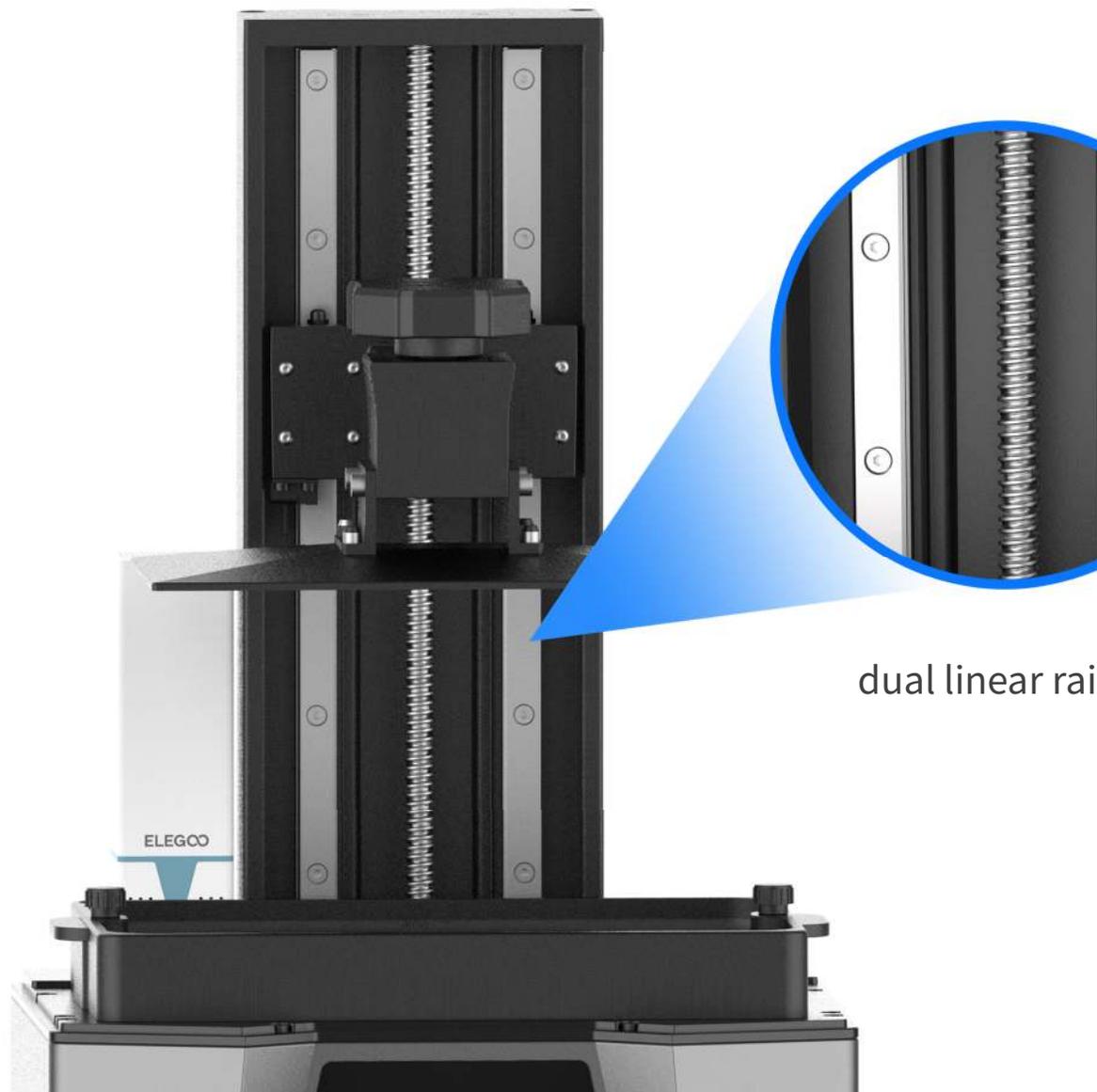


VS



from other brands

Integrated ball screw



dual linear rail

Screws Leveling

Counterclockwise tightening,
Normal operation,
Screws may need leveling once*

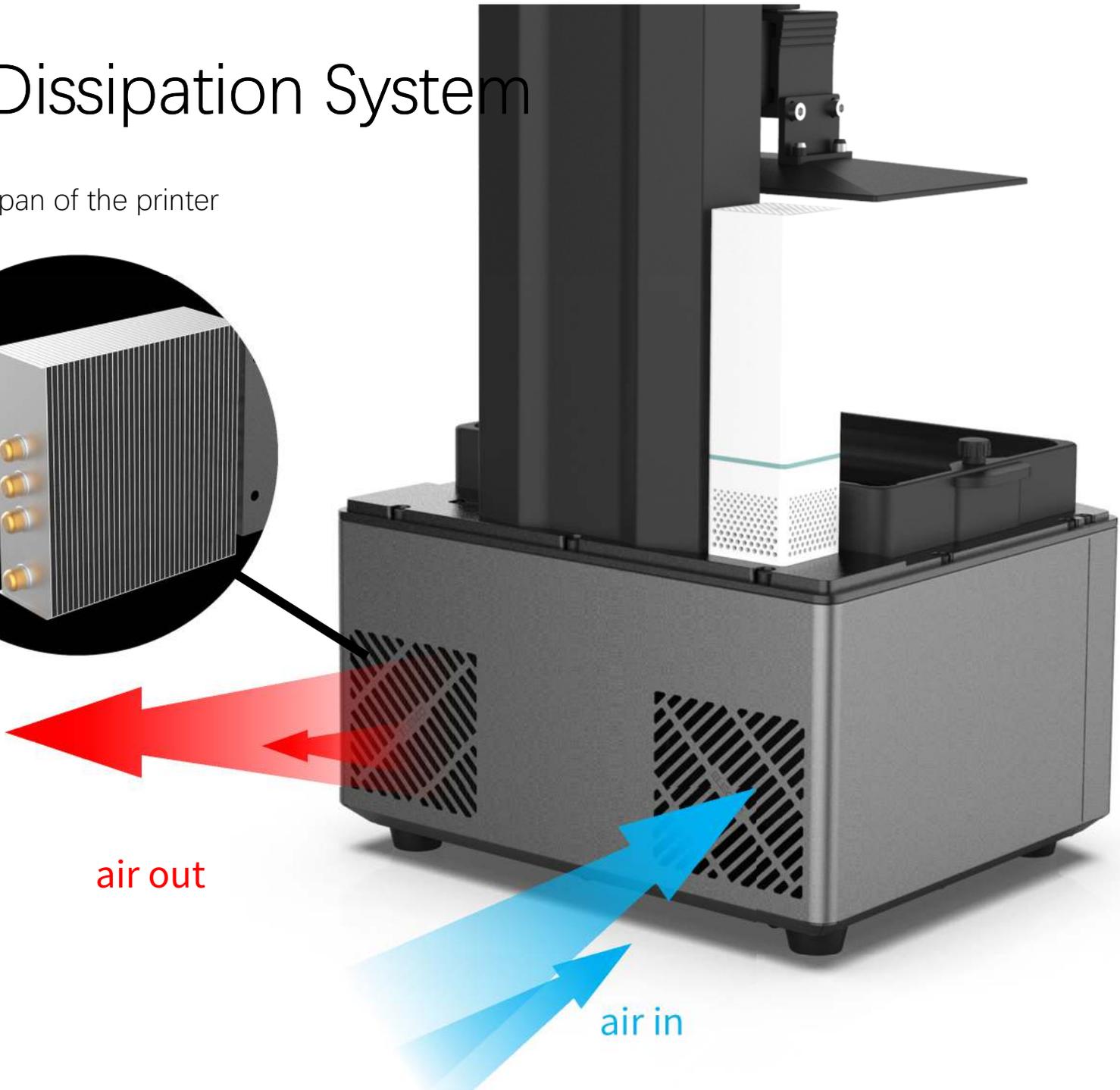
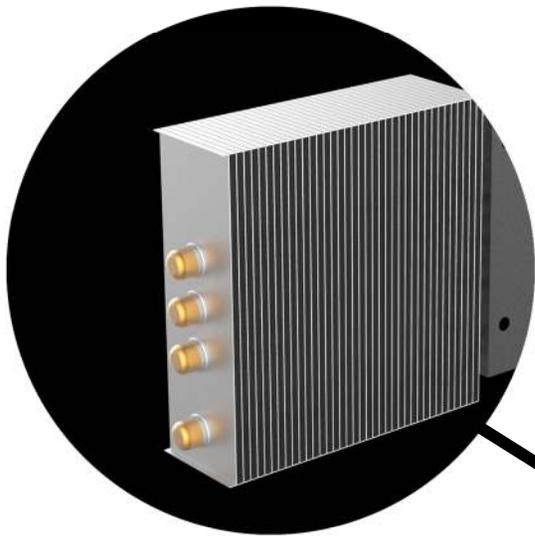


Result is provided by the ELEGOO R & D laboratory. The specific result should be subject to the actual operation and situation

Unique Heat Dissipation System

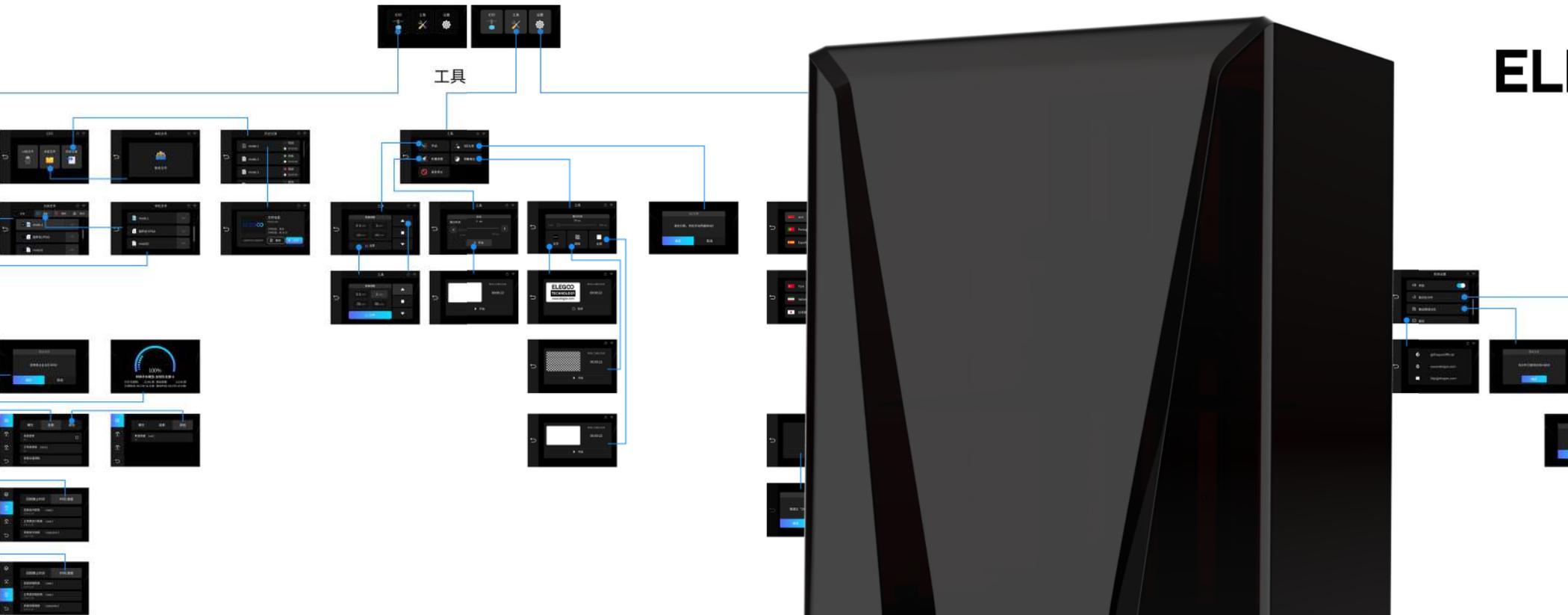
Efficient performance
by prolonging the life span of the printer

ELEC



air out

air in



4" HD IPS
capacitive touch screen

HD touch screen 800*480px
new UI interface



ELE

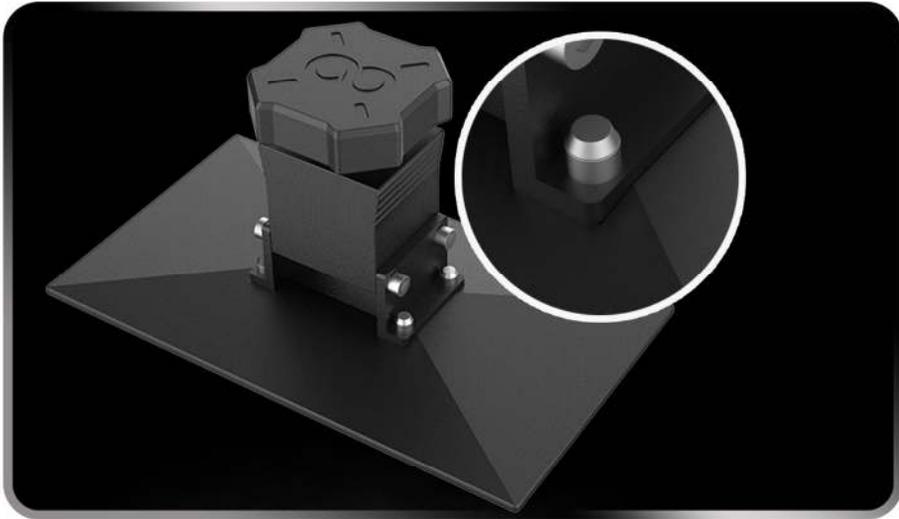
2 Languages

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

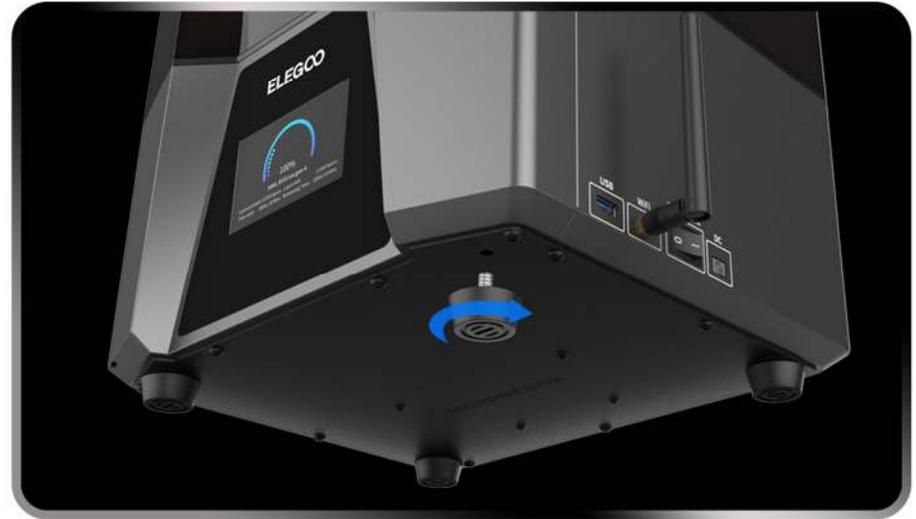


Senseful designs for better user experience

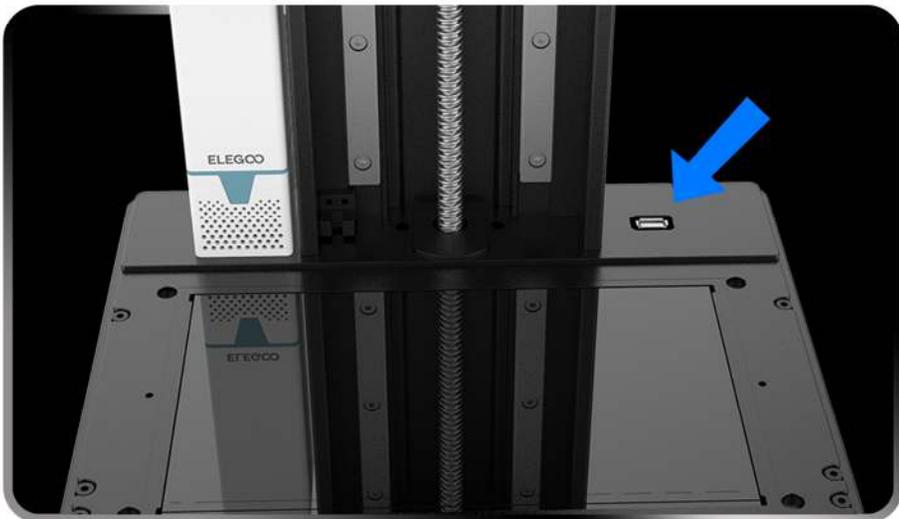
ELEGO



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



A USB interface is reserved to be able to use two air purifiers



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

Compatible with the Big Boy MARS MATE Air Purifier

The M3 series 3D printer is perfectly compatible with
the MARS MATE air purifier
to create an air-fresh 3D printing space



Upgraded Air Purifier 2.0

Specifically designed for 3D printers, it can effectively absorb the odor and fumes emitted by the resin, purify the air. With a built-in cover and activated carbon core, the filter element does not drop slag.



Upgraded filter core will effectively protect the activated carbon from damage during shipping

ELEGOO

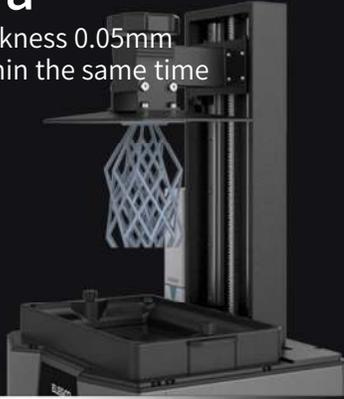
Release Film + Resin Printing Speed Test

Release, support fast printing, 3 times faster

Saturn 3 Ultra

High-speed resin / layer thickness 0.05mm
Print completion rate within the same time

100%



Saturn 2

High-speed resin / layer thickness 0.05mm
Print completion rate within the same time

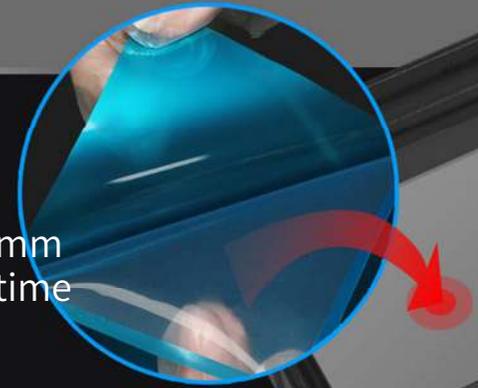
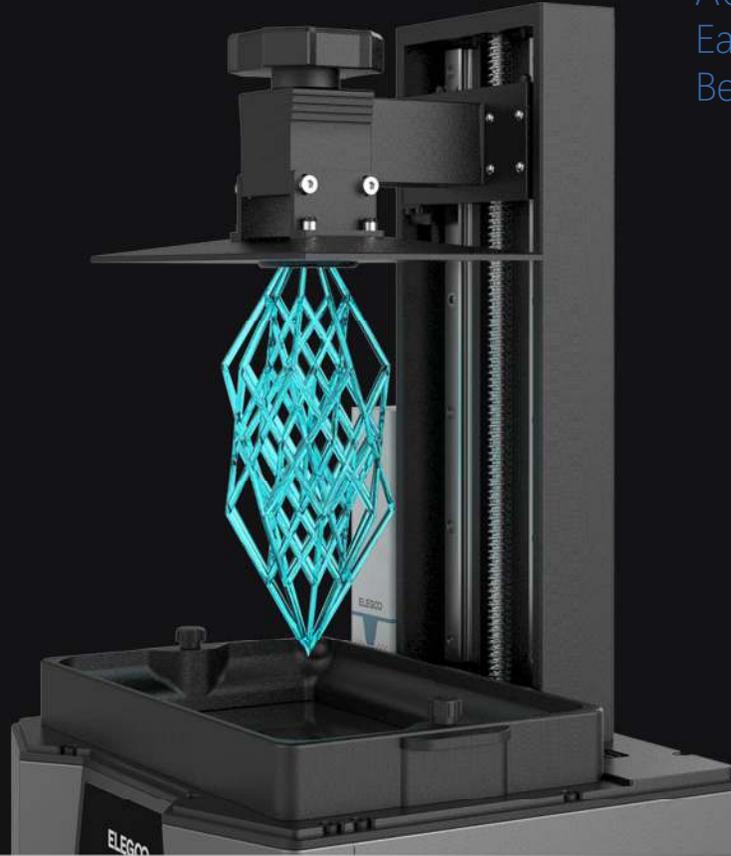
100%



Saturn 3 Ultra

High-speed resin / layer thickness 0.05mm
Print completion rate within the same time

100%



ACF film
Easier releasing
Better performance



Experimental results are provided by the ELEGOO R & D laboratory. The specific results should be subject to the actual operation and situation

Open-Source GOO Slice Format

ELEGO

ELEGO self-developed
support multiple slicing softwares without restriction



Voxeldance Tango

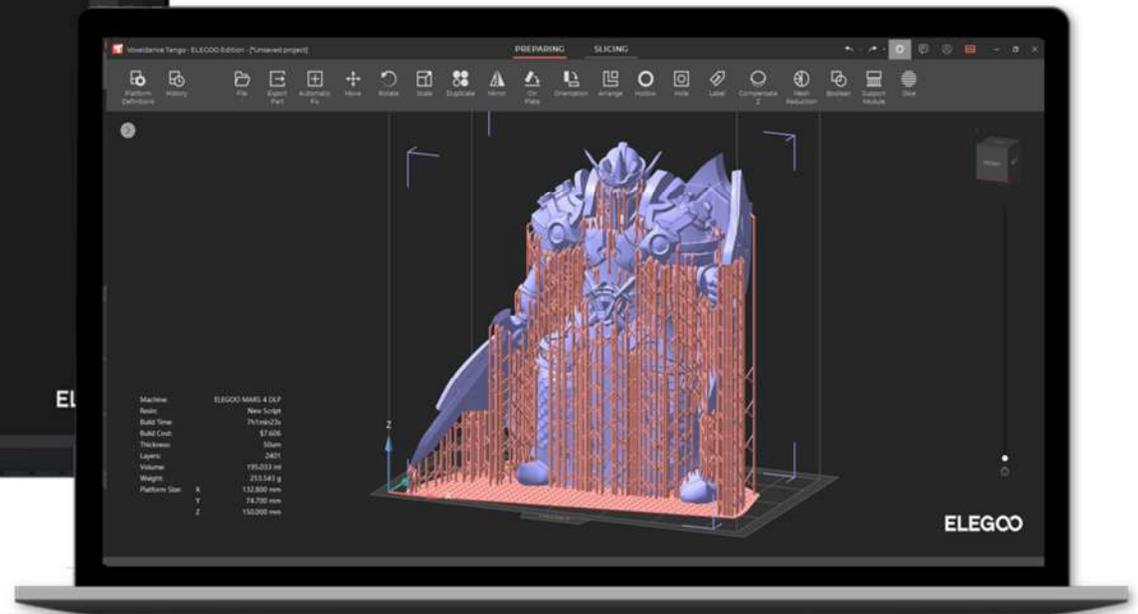
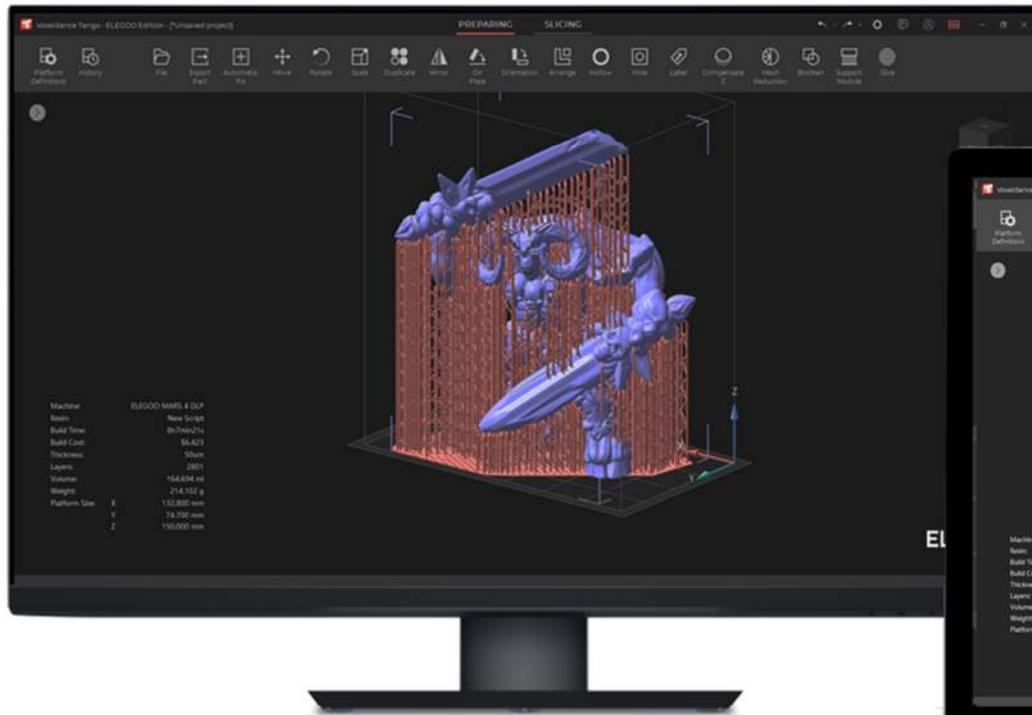


CHITUBOX



LycheeSlicer

Other slicing
softwares.....



*Above data from ELEGOO R

Saturn 3 Ultra Parameters

ELEGOO



System: EL3D-4.0

Control: 4.0 inch capacitive touch screen

Slicer: Chitu Box & Voxeldance Tango

Connectivity: USB & WiFi

Technology: MSLA

Lightsource: COB+refractive lightsource (wavele

XY Resolution: 19*24um (11520*5120)

Z Axis Accuracy: 0.01mm

Layer Thickness: 0.01-0.2mm

Printing Speed: MAX 150mm/H

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

Printer Dimensions: 305.9mm(L)*273mm(W)*56

Print Volume: 218.88mm (L)*122.88mm (W)*26

Package Dimension: 640mm(L)*395mm(W)*36

G.W.: 16.2KG

N.W.: 12KG

Wide Application



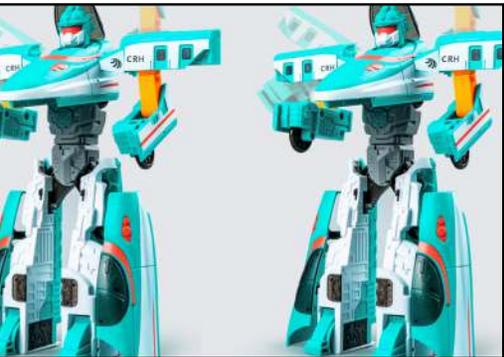
R&D



Dental



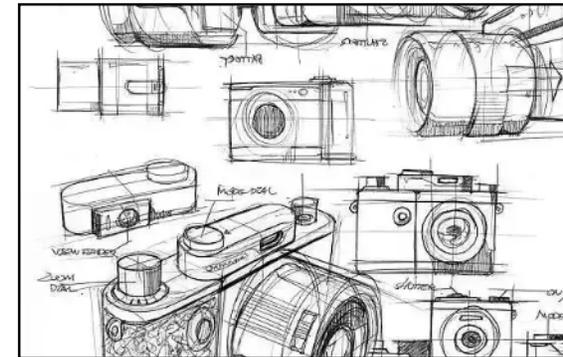
Education



Miniatures



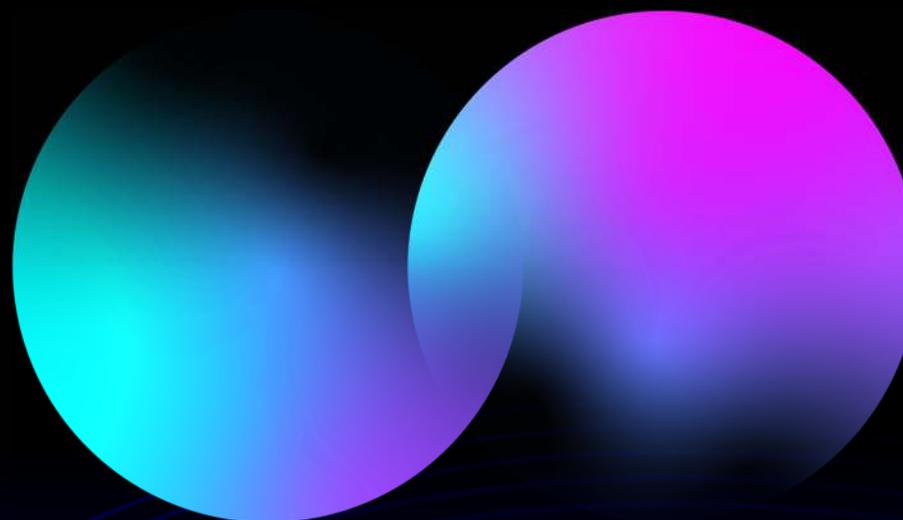
Jewelry



Design

GOO

THANKS



Shenzhen, China