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Mars 4 Ultra

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Metal Body • New Look

Mars 4 Ultra 3D Printer

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

Tempered Glass
9H Hardness

Print Volume
153.36 *77.76*165mm³

WIFI
Transfer

Efficient Heat
Dissipation

Laser Engraved
Build Plate

COB+Fresnel Lens

Capacitive
Touch Screen

Linux System

Upgraded Plug-in
Air Purifier

Multiple
Languages

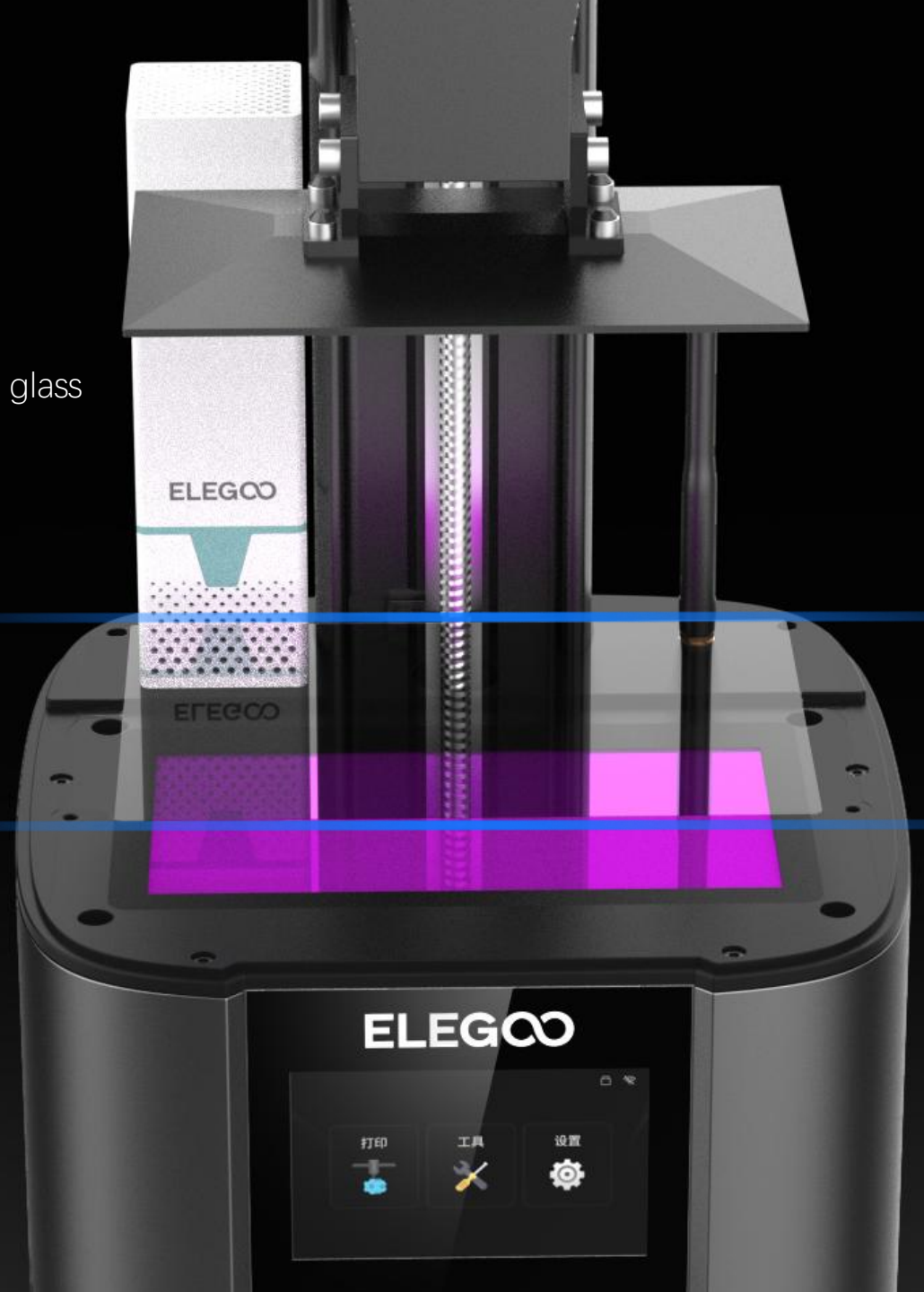
Open-source
GOO Slicing Format
(Compatible with multiple
slicing softwares)

*Above data from ELEGOO R&D laboratory

Tempered Glass Screen Protector

9H hardness explosion-proof high-permeability tempered glass
Wear-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
Prevent the screen from dirt and scratches



New Linux system

--Built-in 4G onboard memory, more stable file transfer
--Runs faster, no delay in printing and loading pictures

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USB

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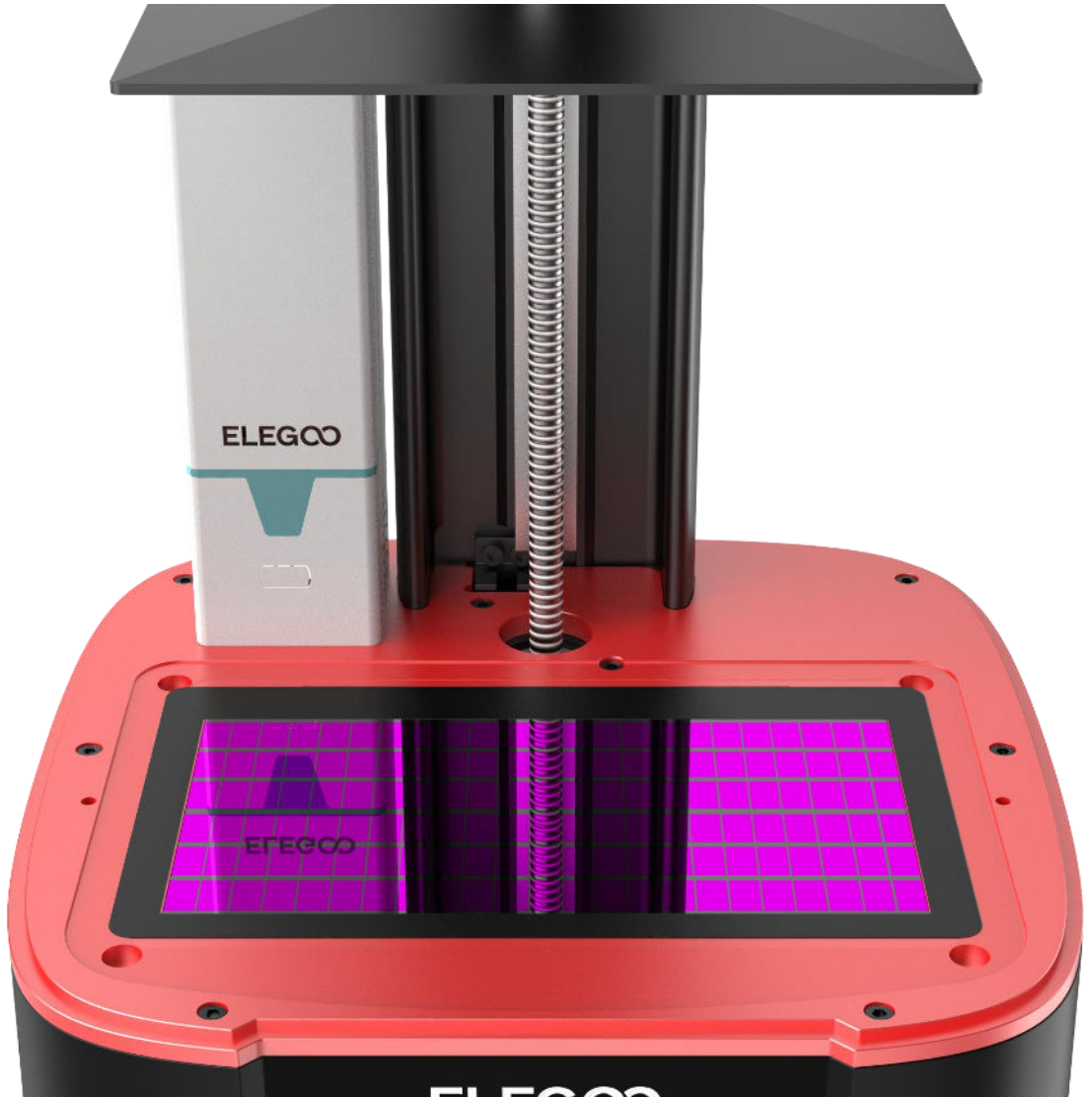
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Fresnel Collimating Light Source

Innovative Patented Technology

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

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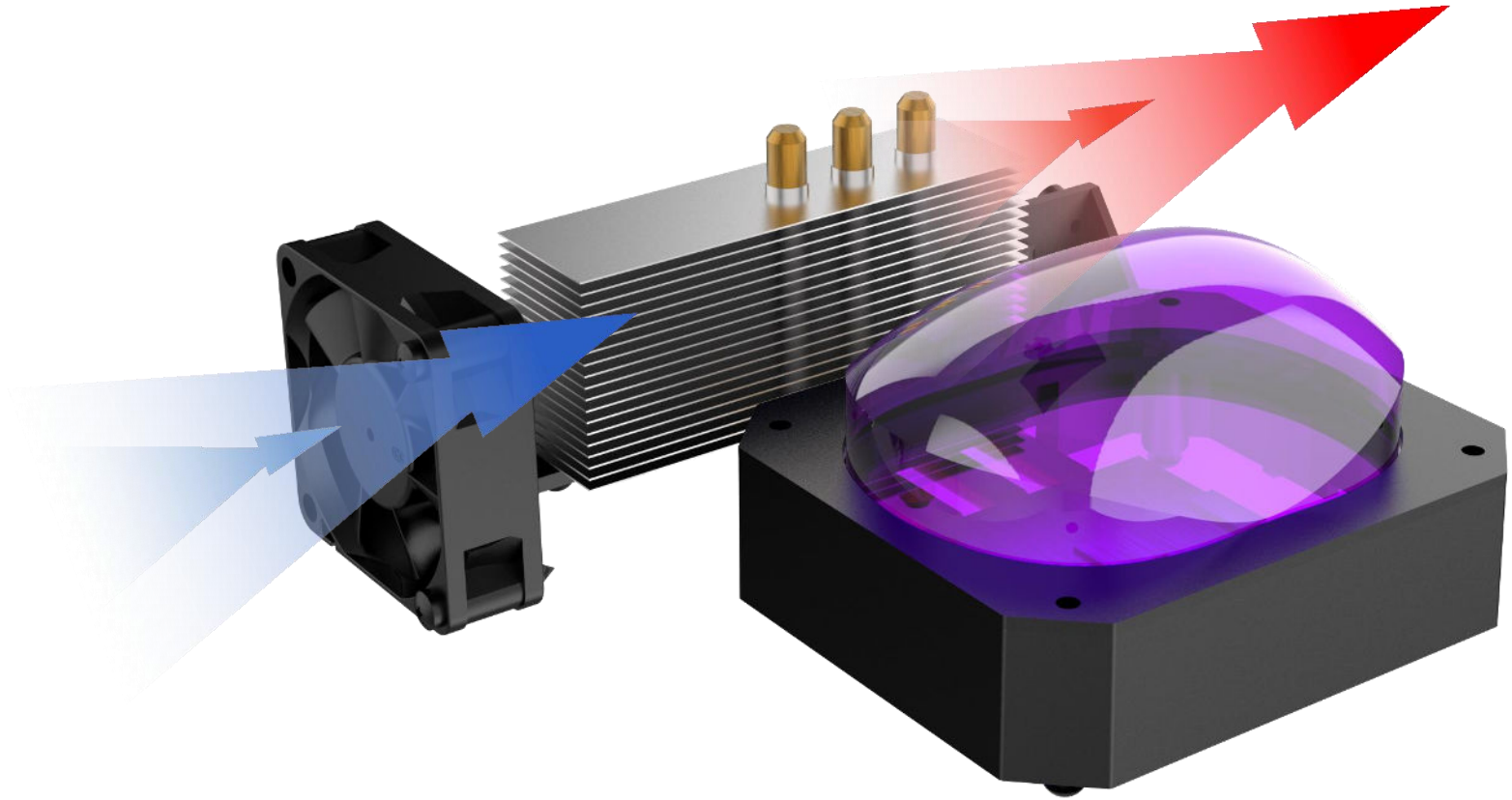

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Stable Printing Experience

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4 Screws Leveling

Clockwise tightening,
easy operation,
only need leveling once*

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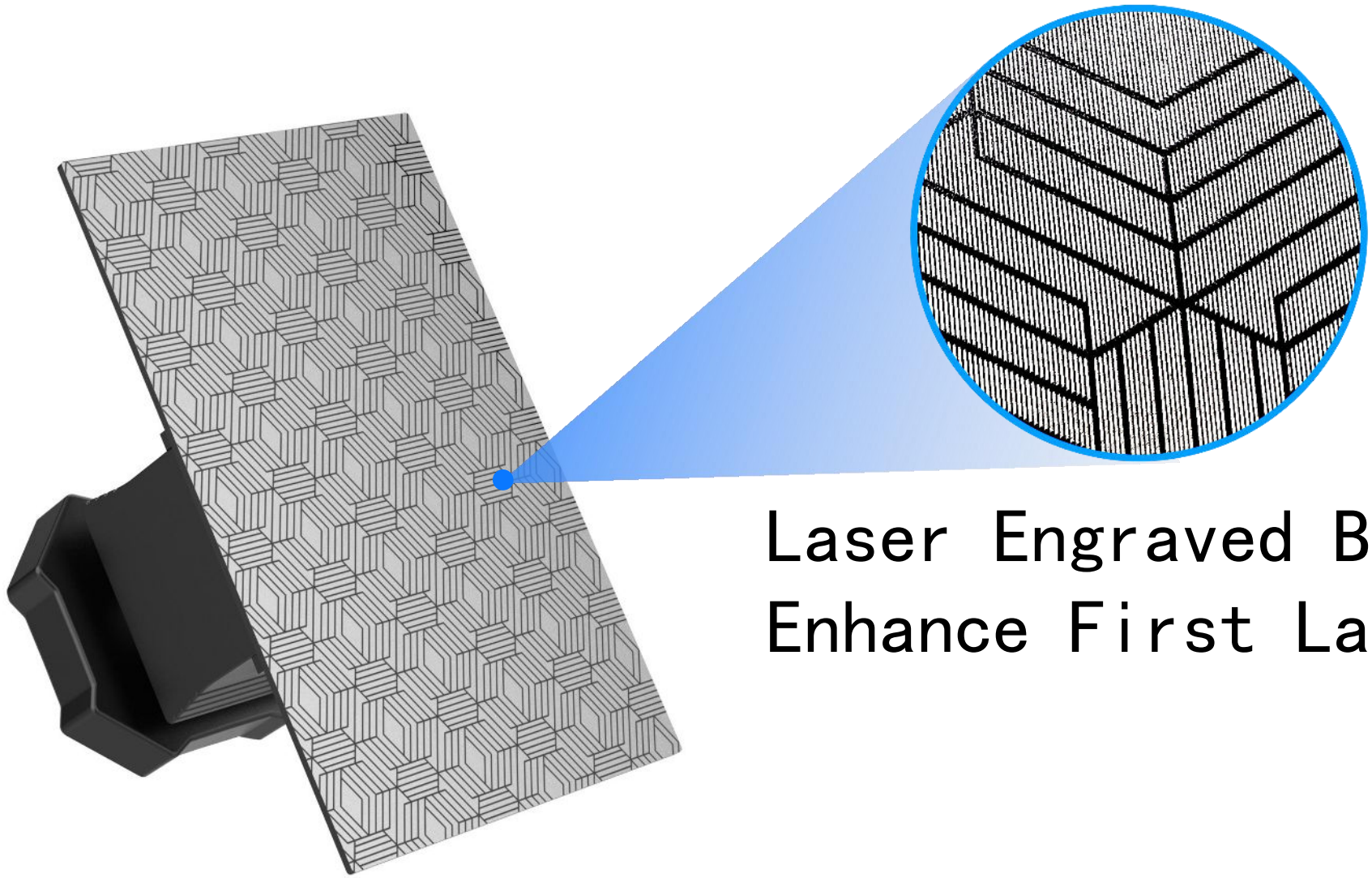

Laser Engraved Build Plate
Enhance First Layer Adhesion

12 Languages

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4-inch HD IPS Capacitive Touch Screen

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

Senseful Designs for better user experience

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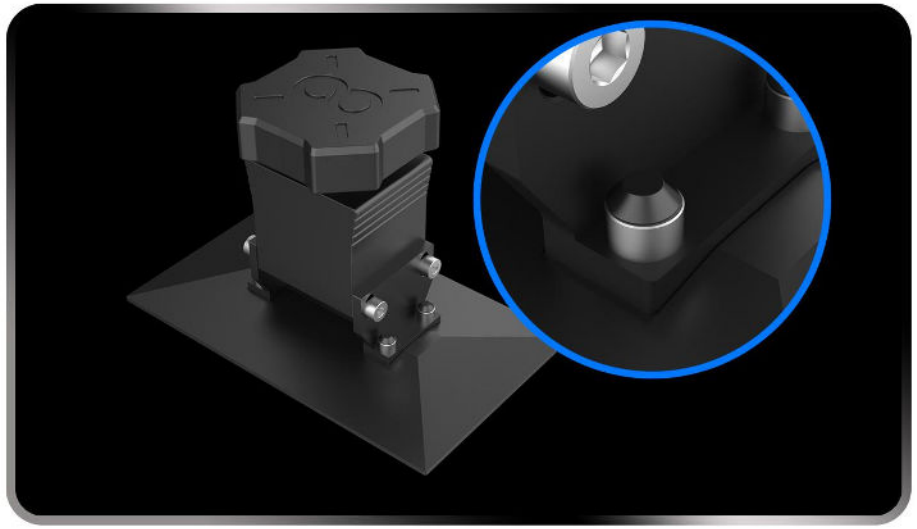
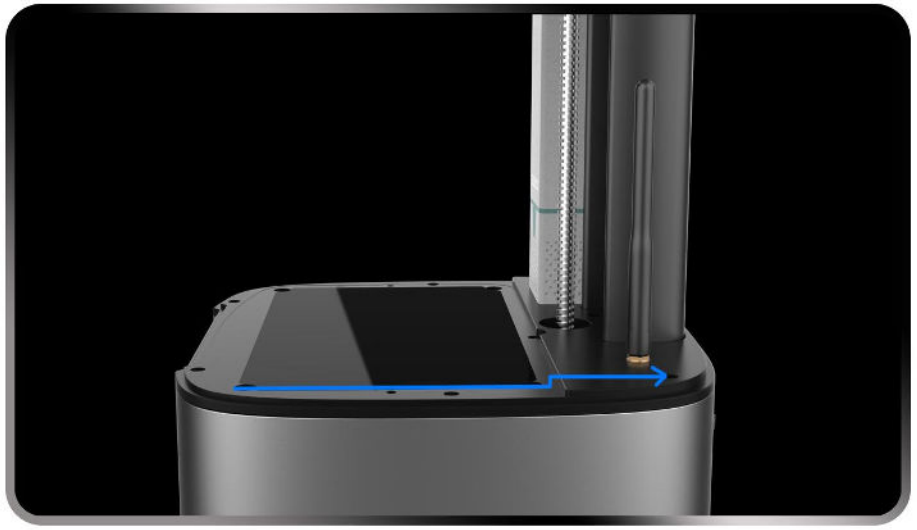
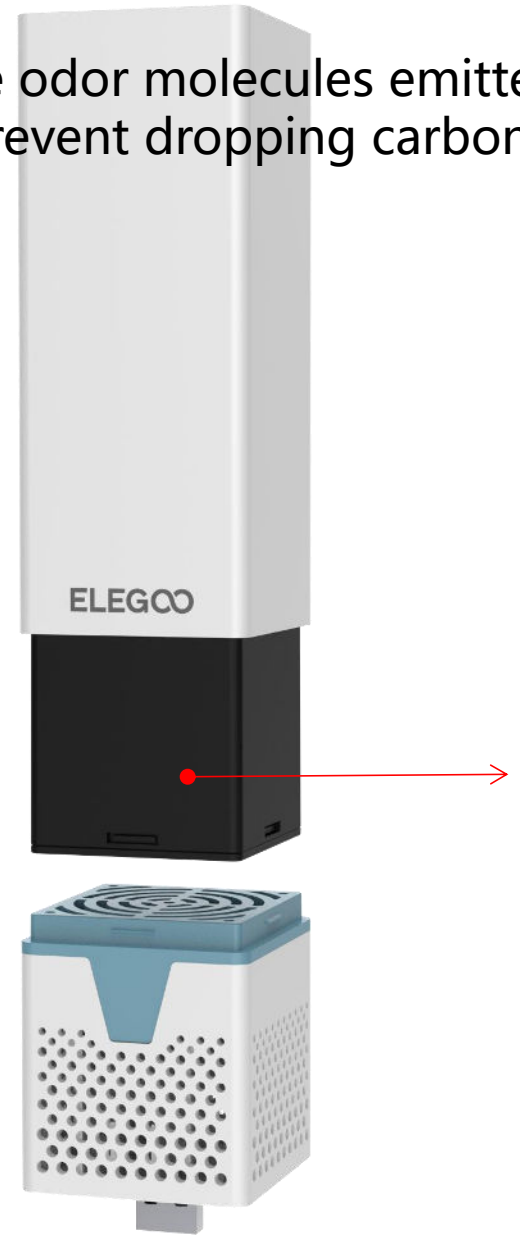




Upgraded Air Purifier 2.0

Designed for 3D printers, it can effectively absorb the odor molecules emitted by resin.
The 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
3 Printing Modes

1.Static mode: print according to the sliced settings
2.Dynamic (smooth mode): adjust the printing speed dynamically according to the cross-sectional size of the printed model, which reduces the influence of release force
3.Dynamic (high-speed mode): print even faster based on the smooth mode, improves printing efficiency.

Static Mode Effect

VS

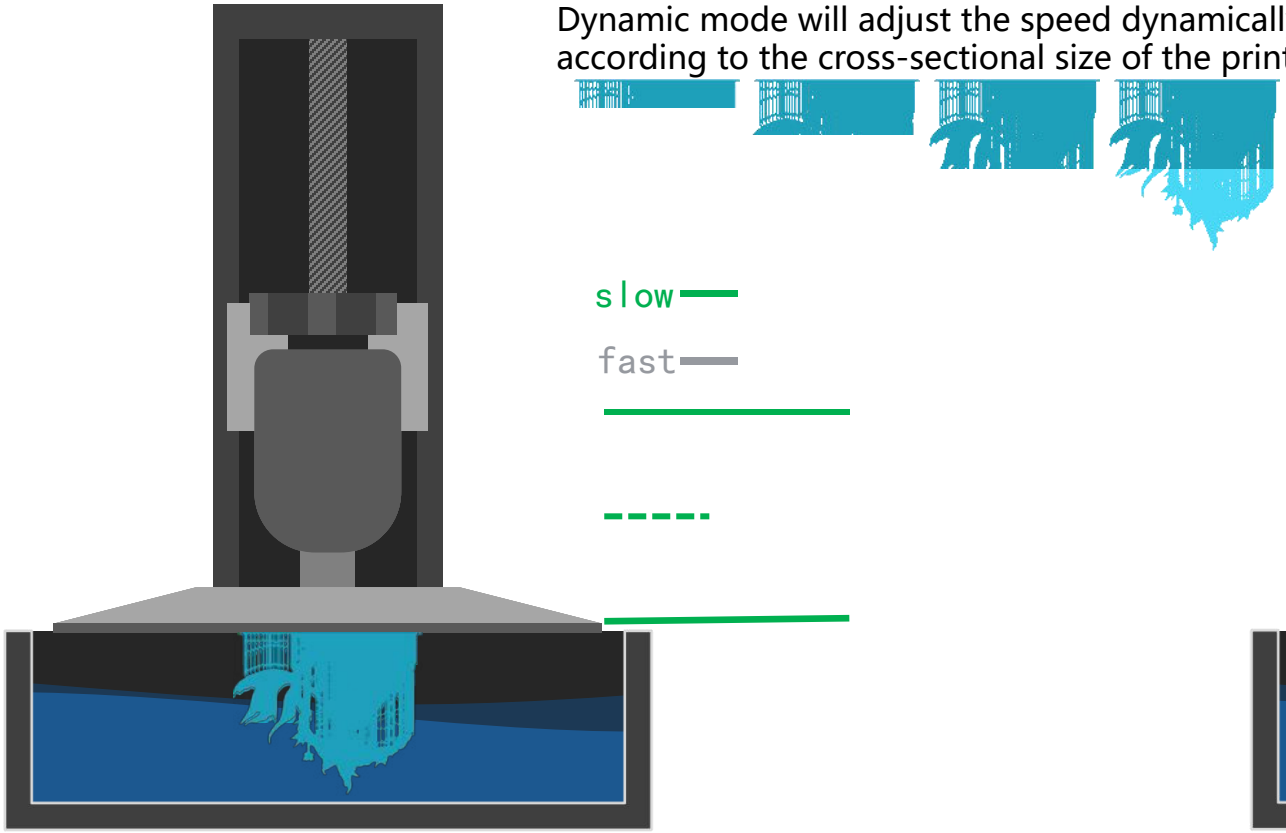
Dynamic Mode Effect

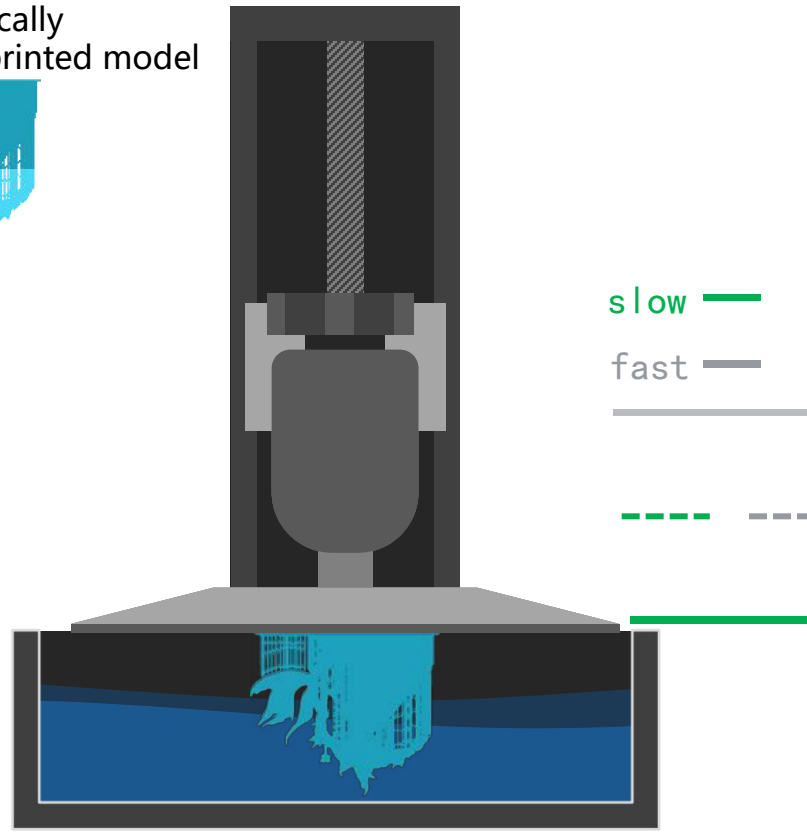
09:58:00

Print Time

09:05:00

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





Static Mode

Dynamic Mode

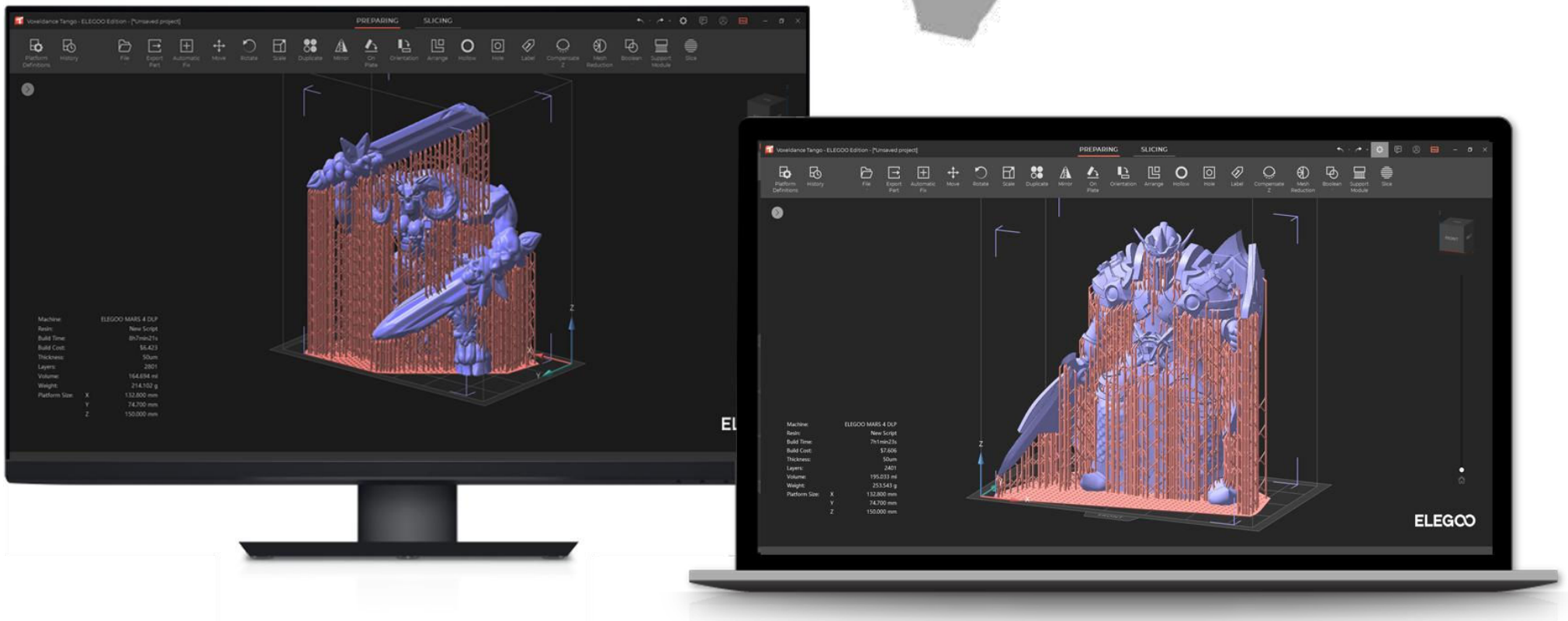
Printing the same model under same exposure time (2.8s), speed comparison between two mode

*Above data from ELEGOO R&D laboratory

Open-Source GOO Slicing Format

ELEGOO self-developed
Support multiple slicing softwares without restriction

Voxeldance Tango | CHITUBOX | LycheeSlicer | Other slicing softwares.....



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Mars 4 Ultra Parameters

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Wide Application

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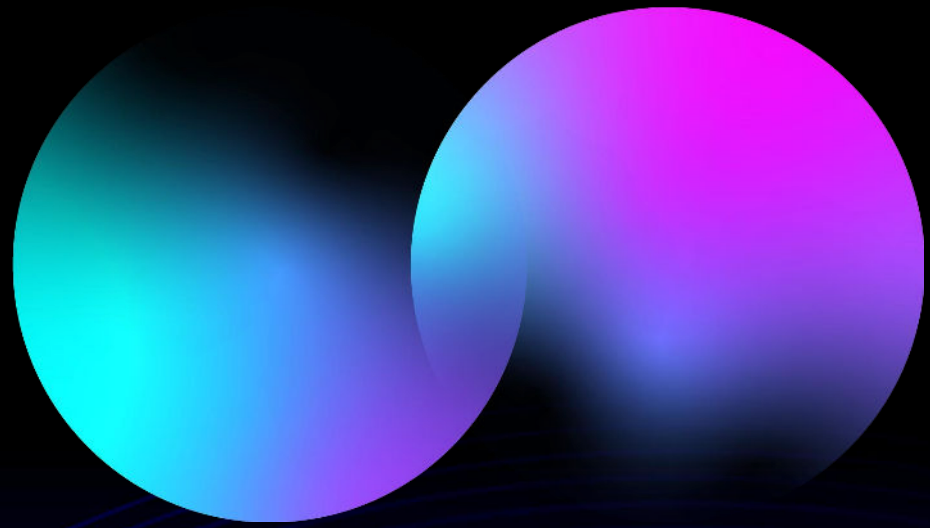
THANKS



Shenzhen, China