

Informacije o proizvodu (EN)

ELEGOO Mars 4 DLP 3D štampač

ELEGOO



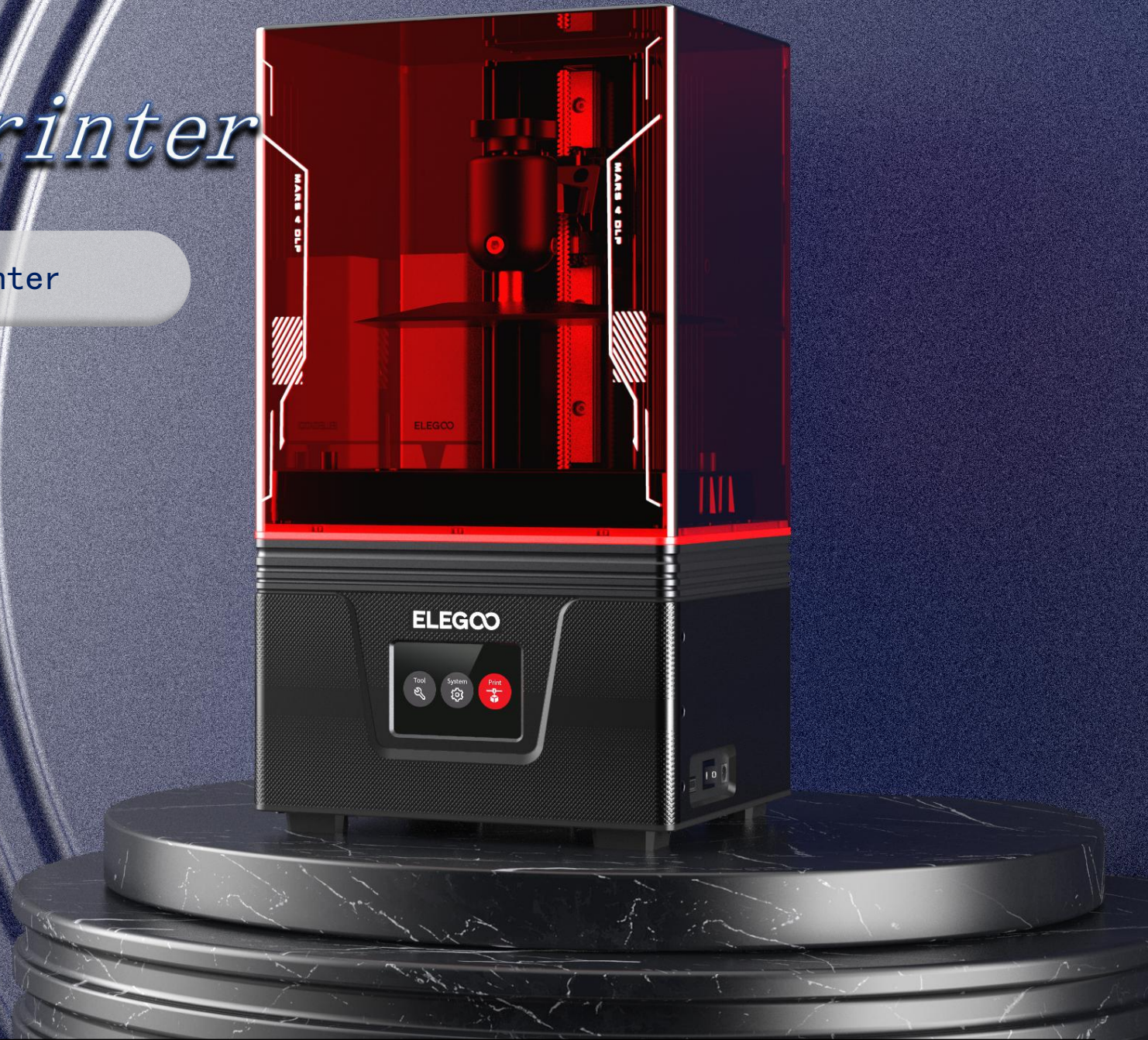
Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/elegoo-mars-4-dlp-3d-stampac-akcija-cena/>

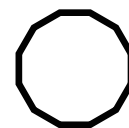
MARS 4 DLP 3D Printer

High-precision DLP 3D Printer

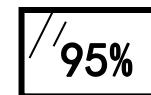




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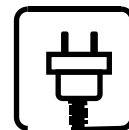
Anti-aliasing
algorithm



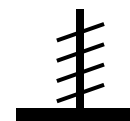
Toughened glass
95% high transmittance



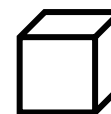
Machine life
2W+hours



Ultra-low running
Power (12W)



Bolder
Z-axis rail



Printing size
132.8*74.7*150mm



Variety
Print mode



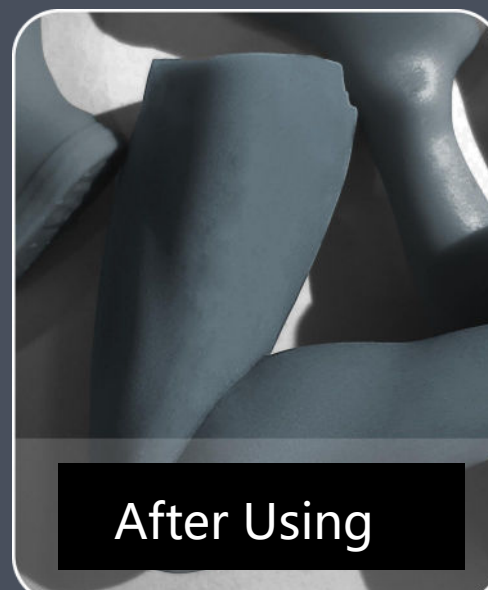
New Open source
GOO



Low noise($\leq 48\text{DB}$)
Fanless design

Adopting Digital light processing technology (DLP) Achieving higher printing accuracy

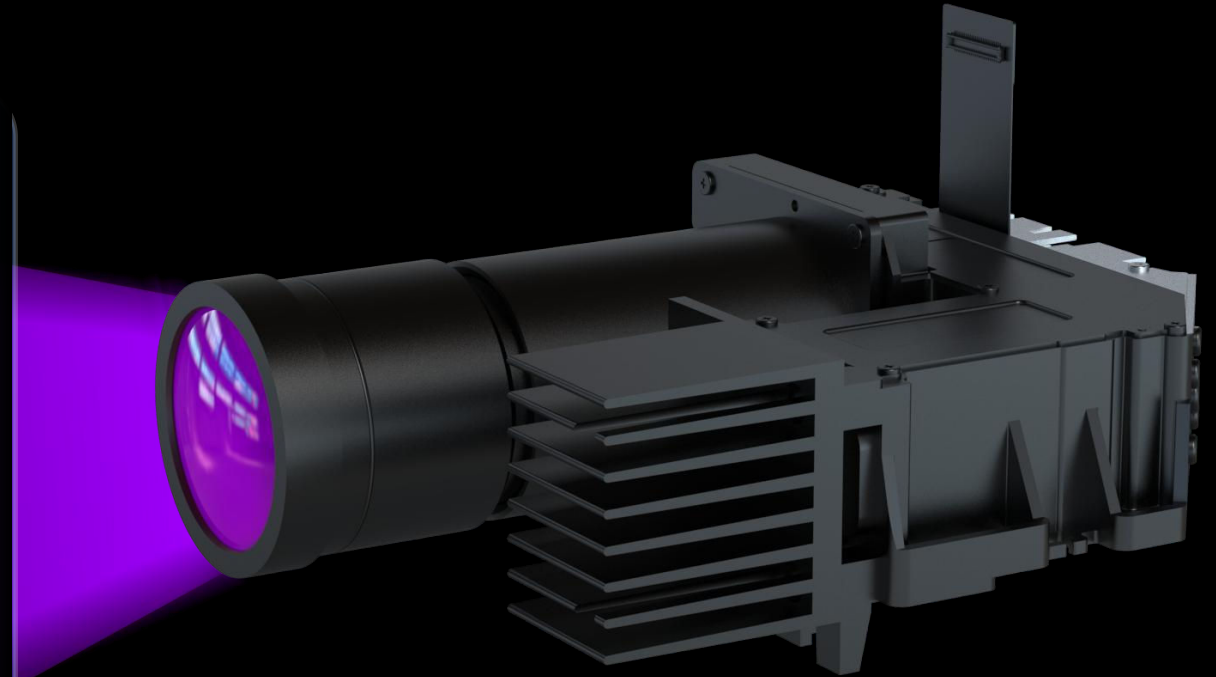
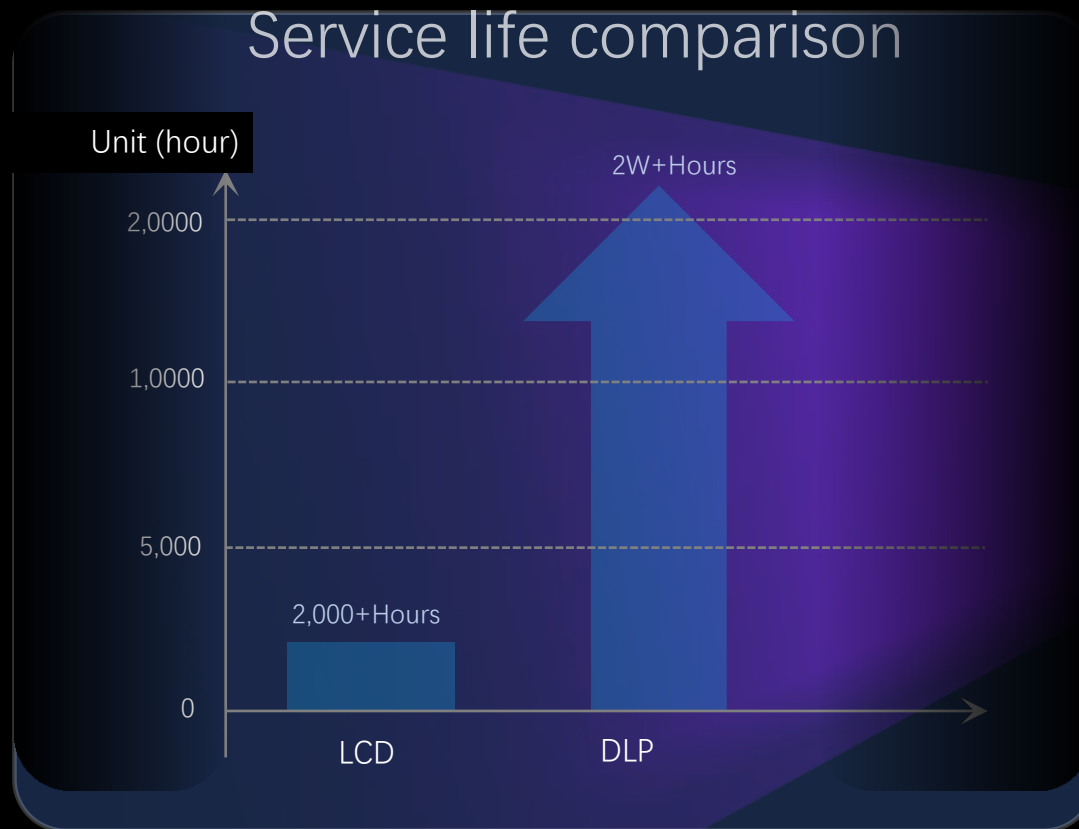
TI (Texas Instruments) digital light processing technology (DLP) is used to project the beam directly and intensively onto the high-permeability glass, reducing the scattering value of light, and the energy light at the bottom of the tank reaches more than 95% . Meanwhile, the anti-aliasing effect is significantly improved by the full-gray anti-aliasing algorithm.



After Using

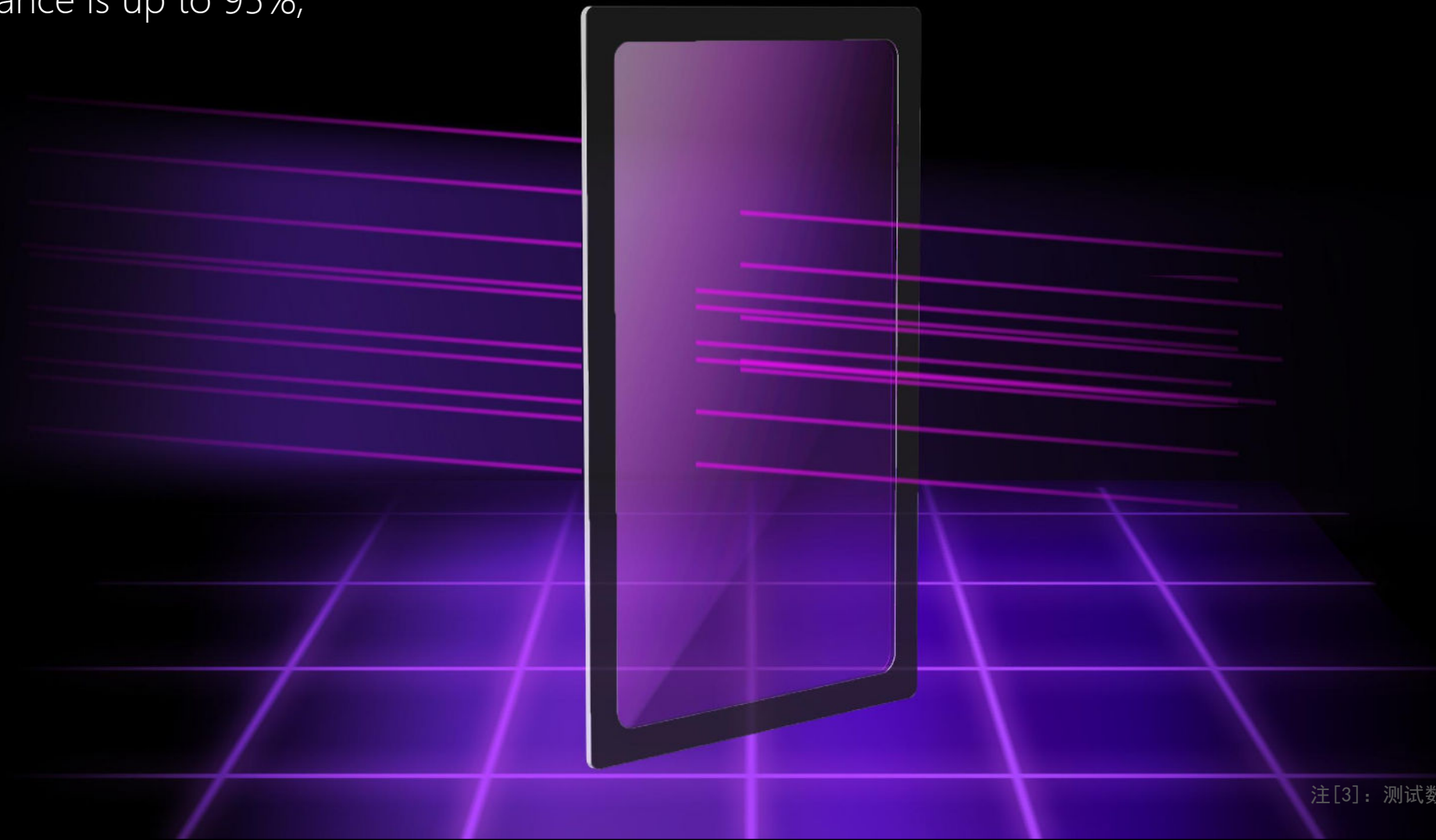
Long service life, high light uniformity

The service life of DLP optical machine is more than 20000 hours [2]; Moreover, it can uniformly and stably provide high intensity light over the entire printing area, so that every printing can obtain perfect and accurate printing effect.



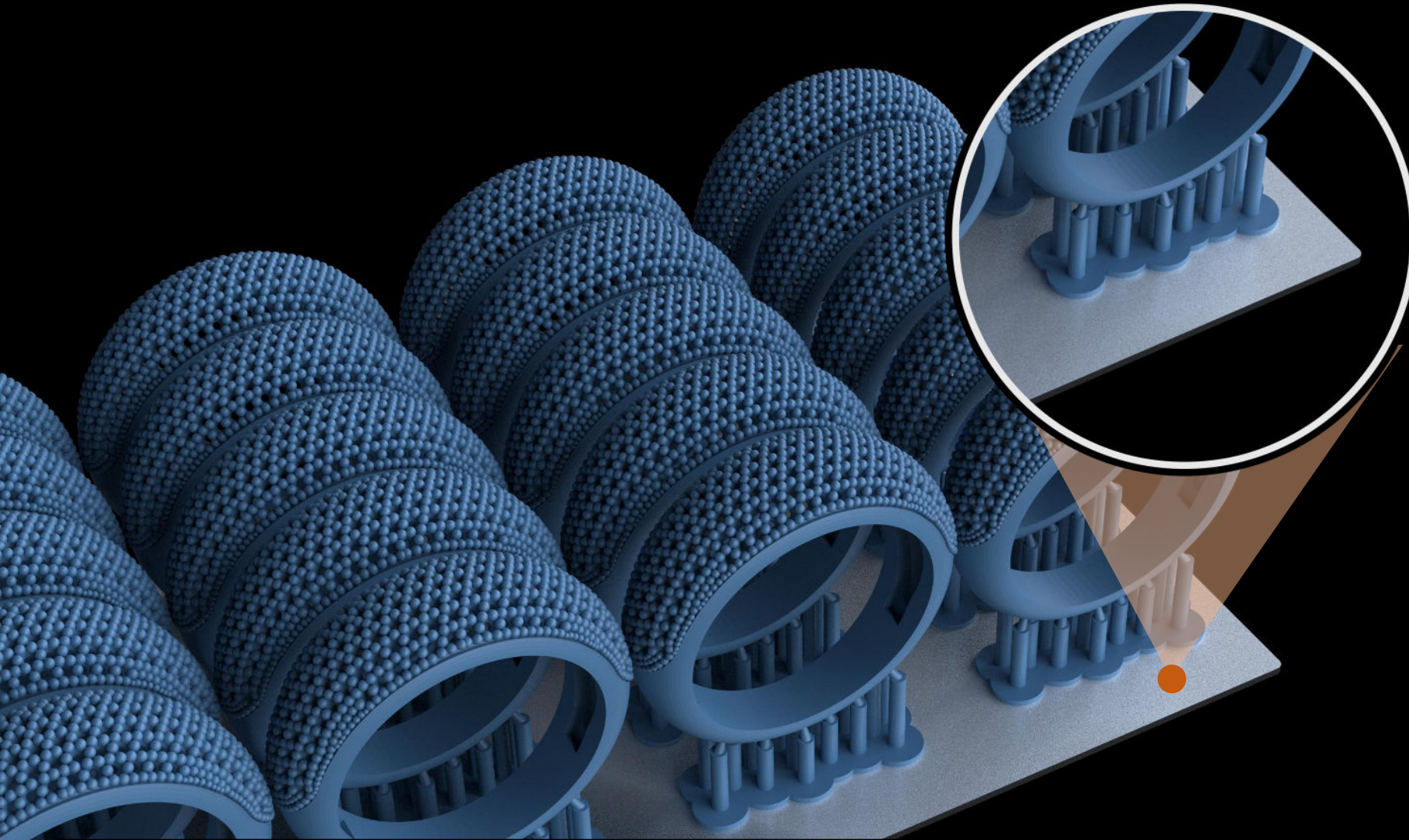
95% high permeability tempered glass

The use of toughened glass instead of the traditional LCD screen greatly reducing the cost of product maintenance. Meanwhile, the light energy transmittance is up to 95%,



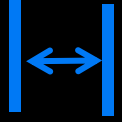
Sand blasting process

Sand blasted construction board provides strong adhesion at the bottom of the model, obtaining a higher success rate of printing

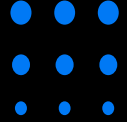


Exquisite printing

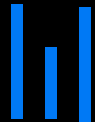
Printing speed up to 70mm/H



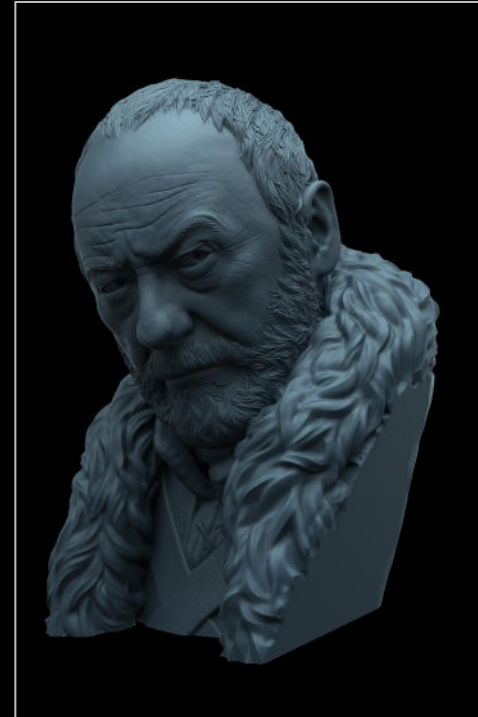
dimensional
accuracy $\pm 0.05\text{mm}$



Min Hole
Diameter 0.2mm



Minimum
column 0.25mm



ELEGOO

DC power supply, 12W ultra-low operating power

Energy saving and environmental protection

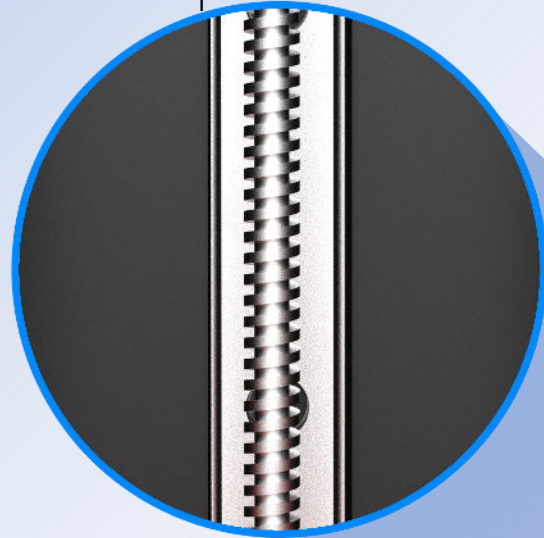


12W

Bolder Z-axis rail with More stable operation

The thickening of the Z-axis rail can effectively reduce the vibration amplitude and achieve stable operation in the Z-axis direction.

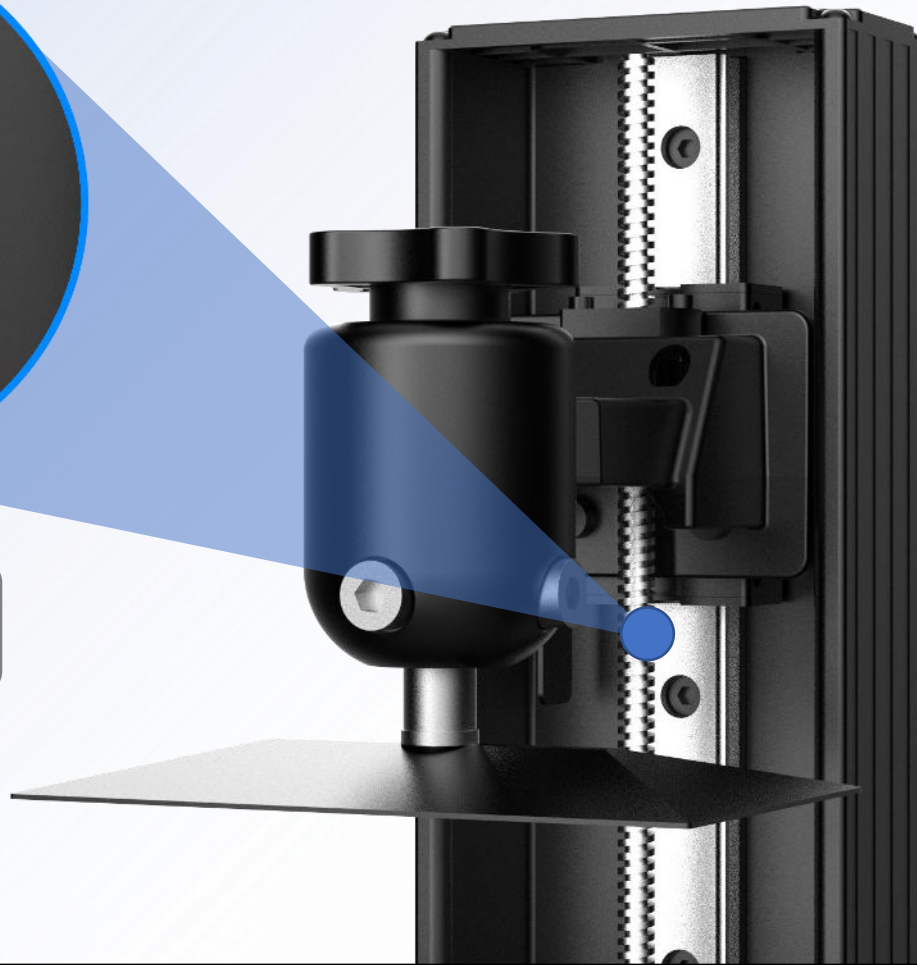
Reduce the lamination of the printed model and make the model more delicate.



more
precise

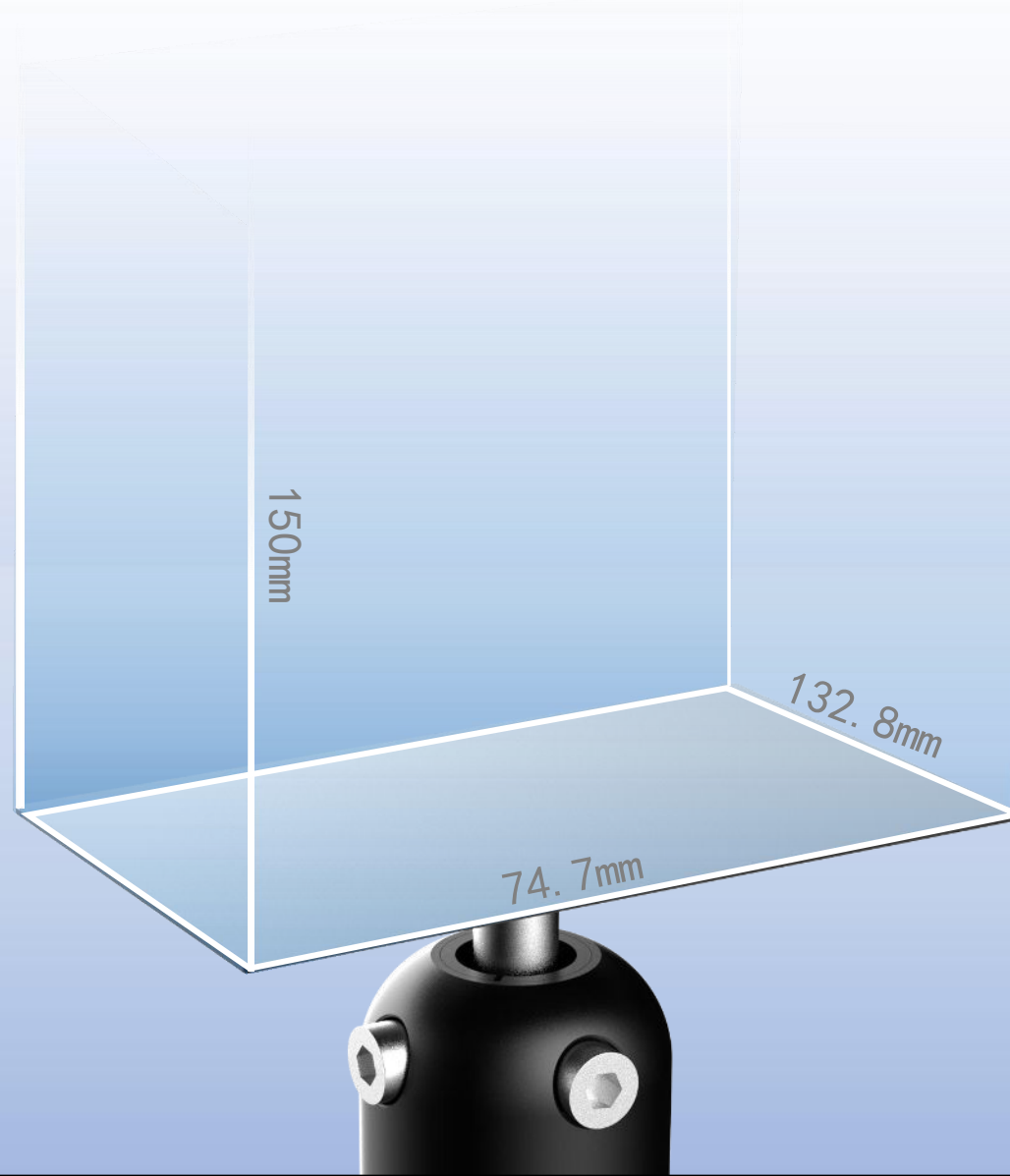


more
stable



132.8*74.7*150mm molding space

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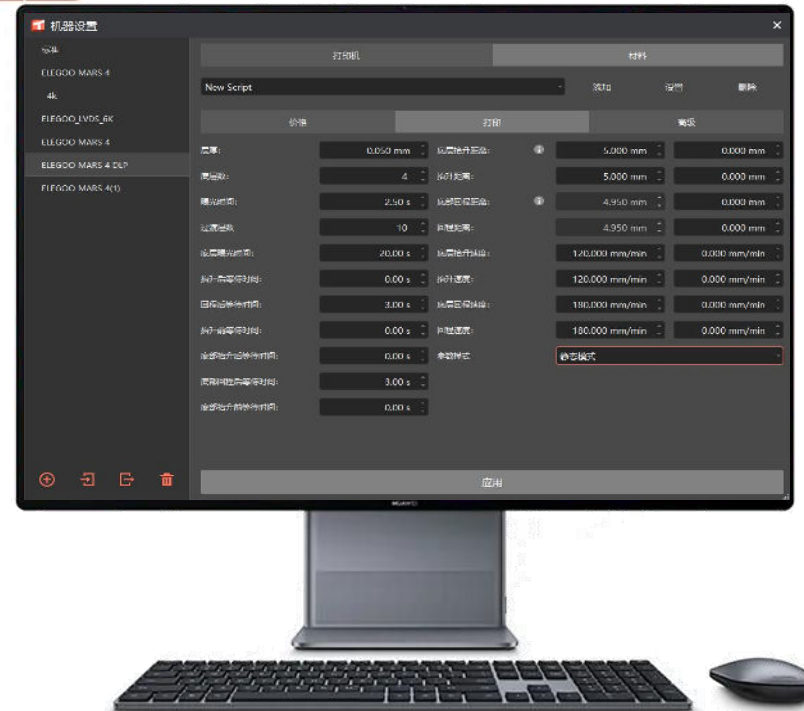
Equipped with intelligent Voxeldance Tango
slicing software

Three print modes are available

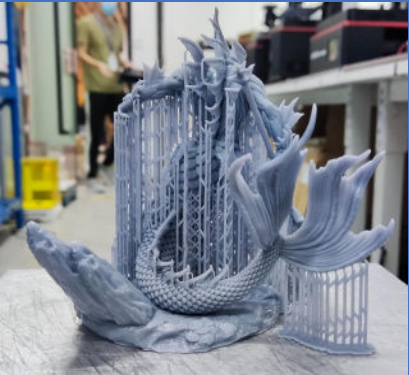
1. Print according to preset parameters in static mode;
2. The dynamic mode (smooth mode) dynamically adjusts the printing speed according to factors such as the size of the section of the model to reduce the influence of the release force;
3. The dynamic mode (high-speed mode) can complete printing more quickly on the basis of the smooth mode and improve the printing efficiency.



Voxeldance Tango



Static mode
Print effect



VS

Dynamic mode
Print effect



09:58:00

Printing time

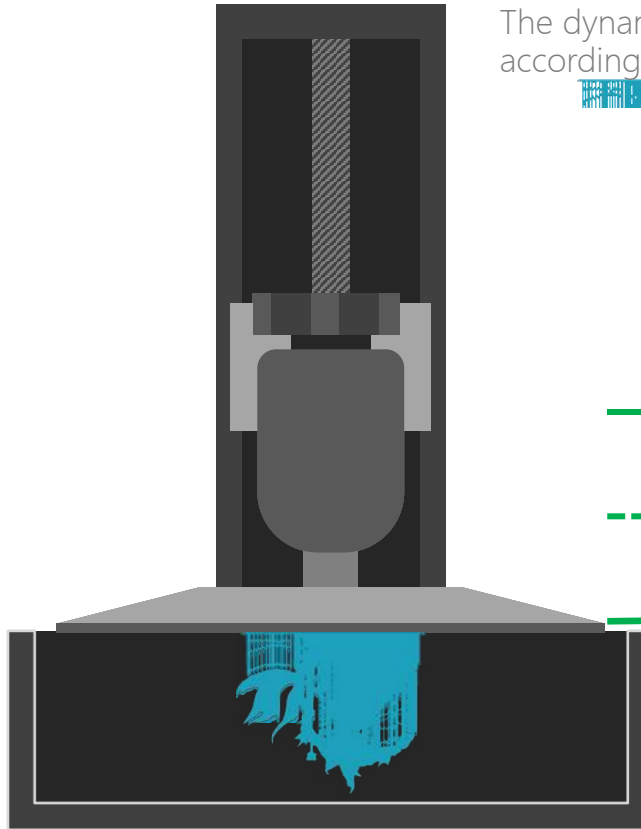
09:05:00

The dynamic mode adjusts the printing speed dynamically according to factors such as the cross-section size of the model

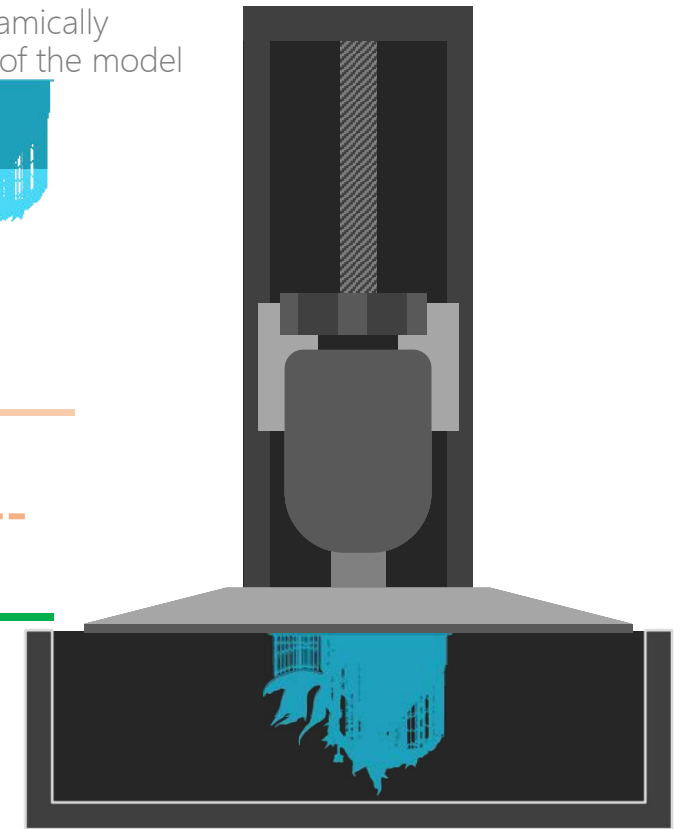


low speed —

fast speed —



Static mode



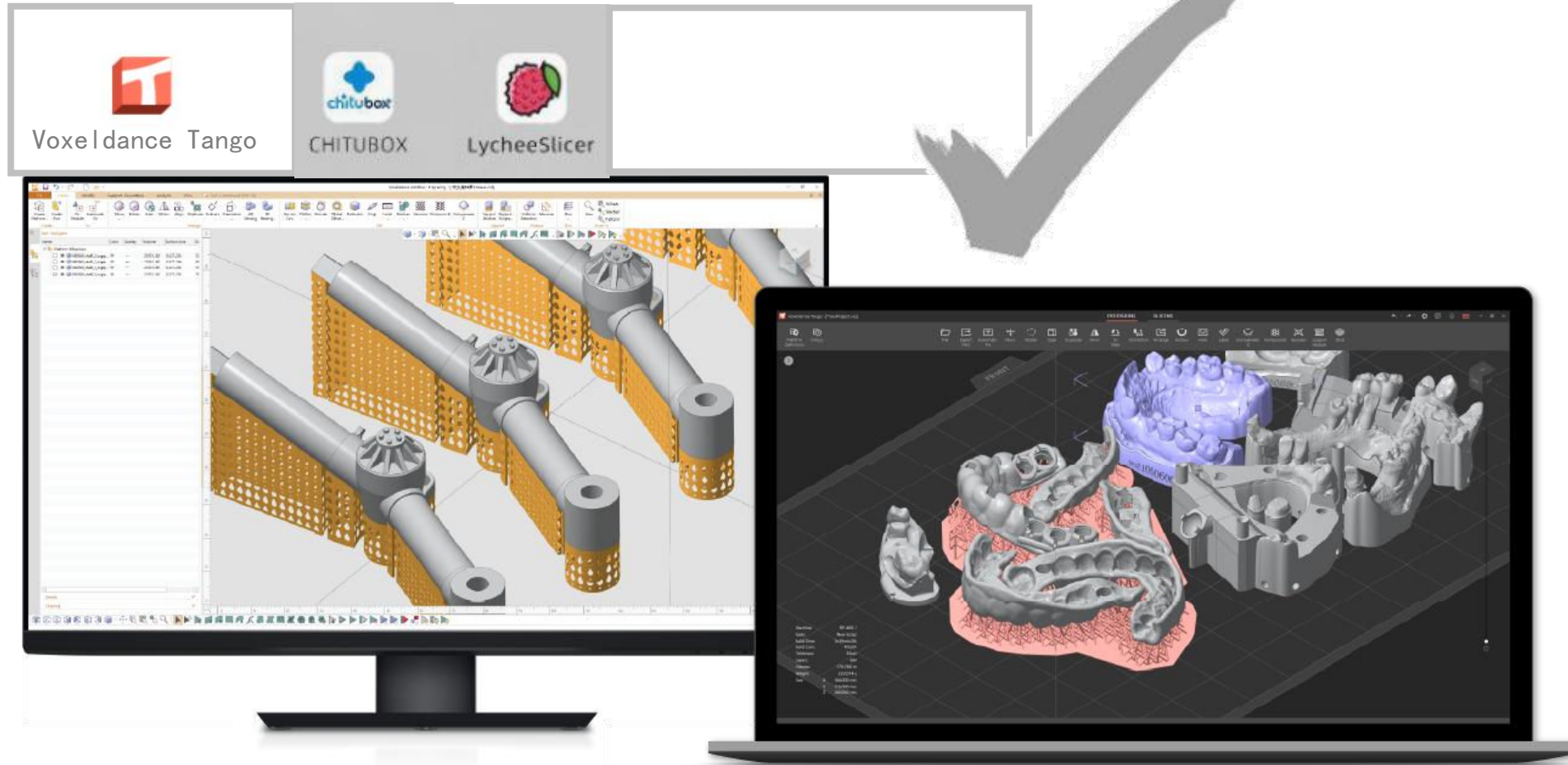
Dynamic models

Comparison of printing speed between static mode and dynamic mode under the same model and exposure time (2.8s)

New Open source GOO, compatible with a variety of slicing software

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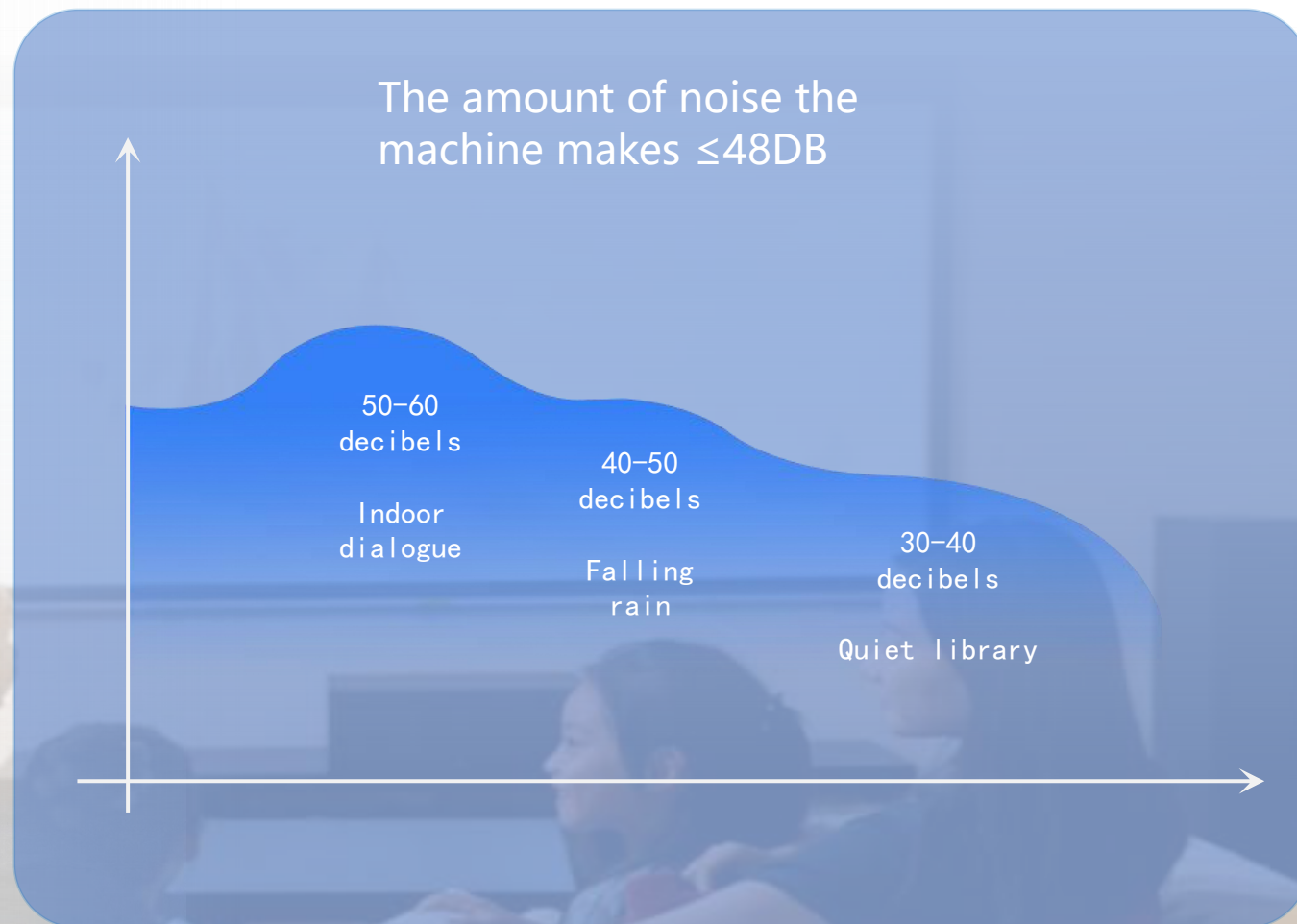
Independently developed and released by ELEGOO brand which is not restricted by slicing software.



Silent printing

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Fanless design, significantly reduce the printing noise and will not interfere with the normal life of the family.



The industry's first large-scale air purifier designed for the field of photocuring

ELEGOO

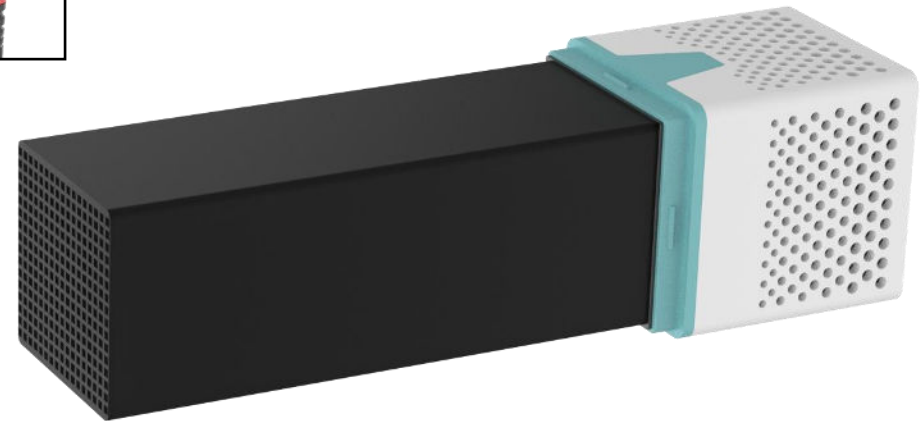
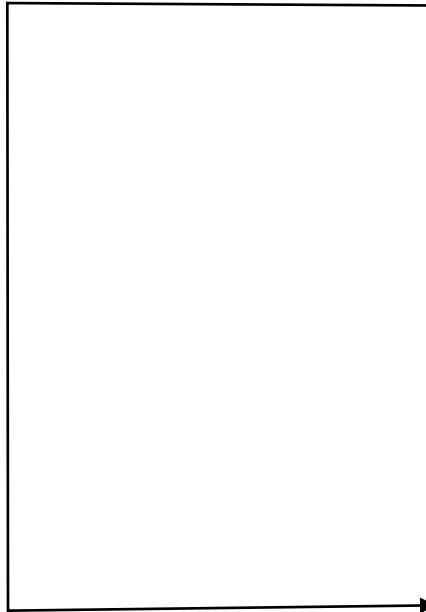
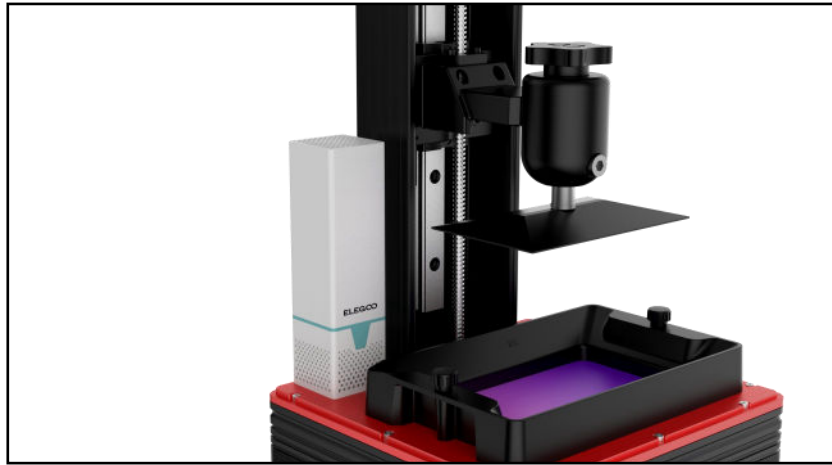
Some photopolymer resins contain certain chemical components, which will give off unpleasant smell. In order to alleviate the problems of the majority of users, ELEGOO brand will release the industry's first large-scale air purifier designed for the field of photocuring (product size 200*200*410mm). It will be your good helper to create a fresh 3D printing environment for you.



Mini air purifier

Designed for 3d printers.

The built-in high density activated carbon core effectively adsorb resin odor emitted molecules and clean printing environment.



MARS 4 DLP Product Parameter

ELEGOO



System: EL3D-3.0.2
Operation: 3.5 Inch Touch Screen
Slicer Software: Voxeldance Tango
Connectivity: USB

Printing Parameter

Technology: DLP Photocuring
Light Source: Imported wick (wavelength 405nm)
XY Resolution: 0.05mm (2560*1440)
Z-axis Accuracy: 0.01mm
Layer Thickness: 0.01-0.2mm
Printing Speed: 30-70mm/H
Power Requirements: 100-240V 50/60 Hz
12V 1.5A 18W

Printing Specification

Dimension: 24.6cm(L)*23cm(W)*45.3cm(H)
Build Volume: 13.28cm(L)*7.47cm(W)*15cm(H)
Weight: 6.8KG

Hardware Specification

Wide range of application coverage



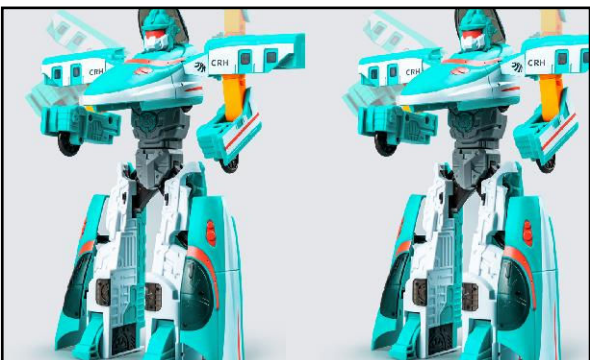
R&D



Dentistry



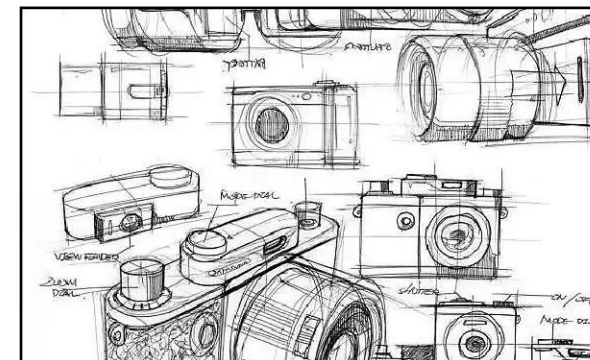
Education



Miniatures



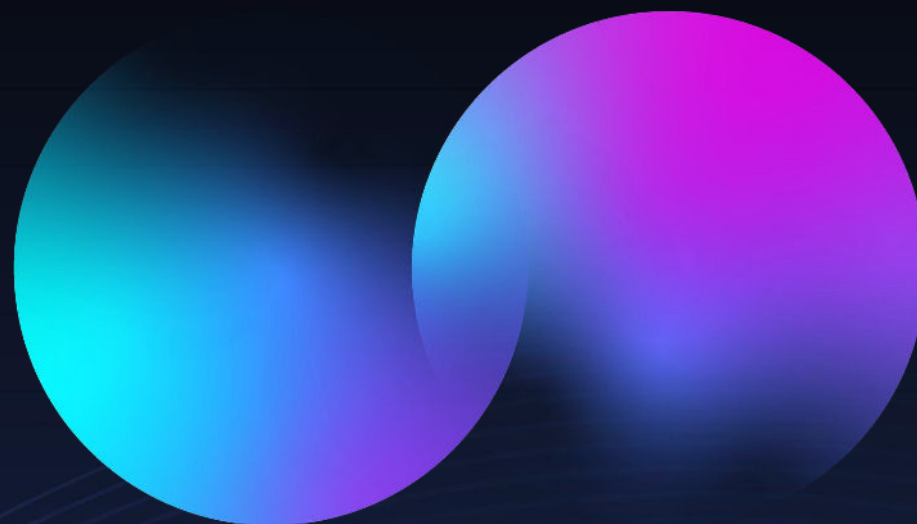
Jewelry



Design

ELEGOO

THANKS



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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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