

CREALITY

LD-002R

CREATE RESIN PRINTER CRAZE

9 Advanced
Improvements



2K micron-level
accuracy



Precise conveyor
system



Air filtering
system

Upgraded version of LD-002

9 Superior Advantages



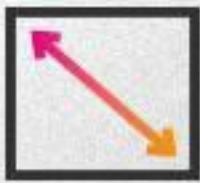
2K screen
Final Prints with Fine texture



0.01–0.05MM
precision



4X/8X
Anti-aliasing



5.5-in LCD printing screen
Printing volume
119*65*160mm



Print speed at
20–30mm/h



Air purification



Ball linear rails
smooth Z-axis travel



Quick leveling



All-new resin vat
structure

High Precision
manifests the beauty of details

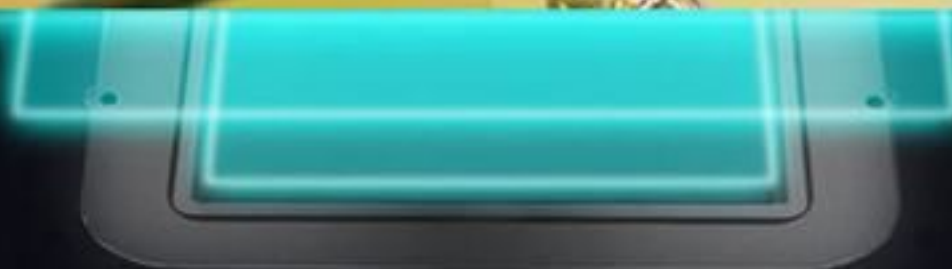
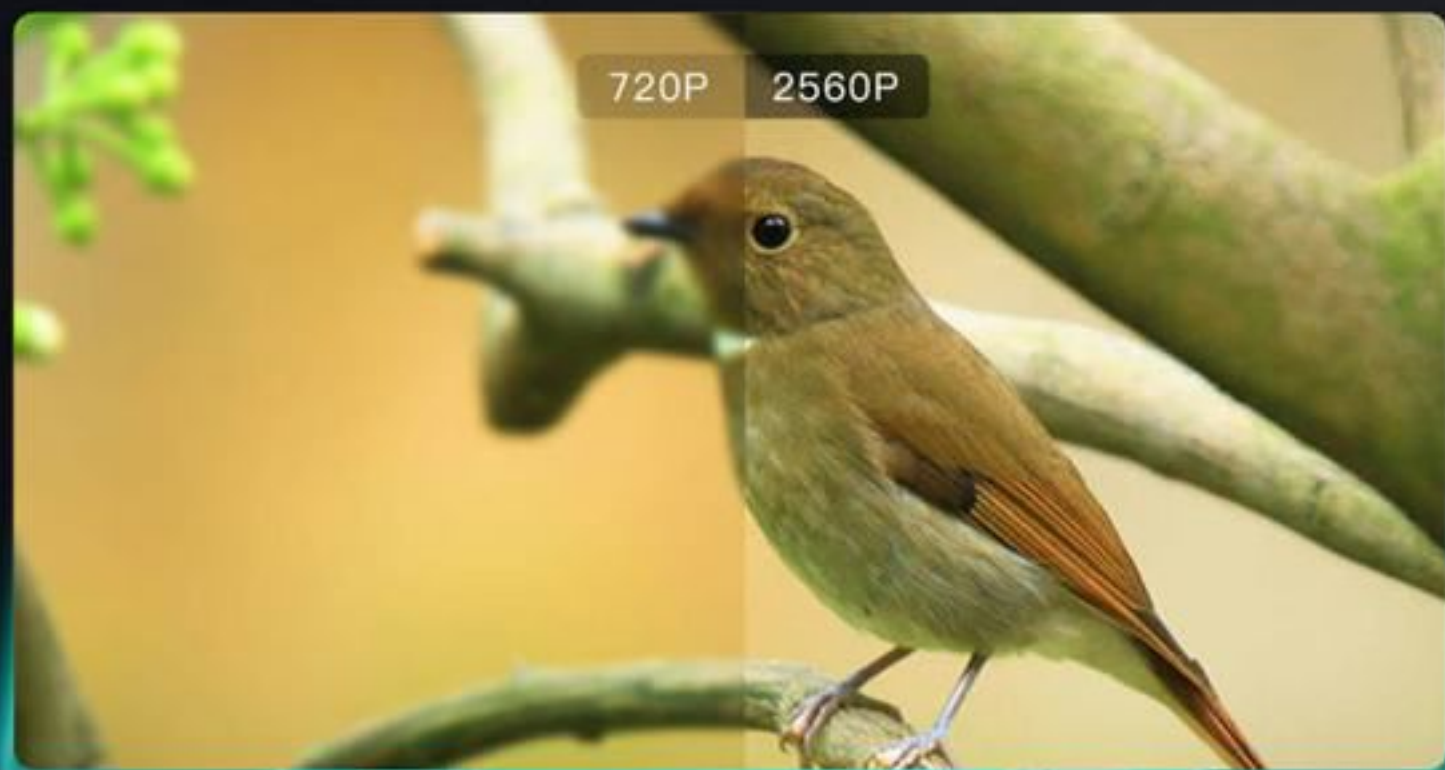
2K Micron-level accuracy Elaborate final prints

2K Solid-State Display System achieves precision of 0.01–0.05mm, producing smooth surface and delicate finish. The single spot is of $26.1\mu\text{m}^2$, and its precision can rival industrial-grade machine

2K resolution
1440X2560 pixels



0.01–0.05mm
print precision

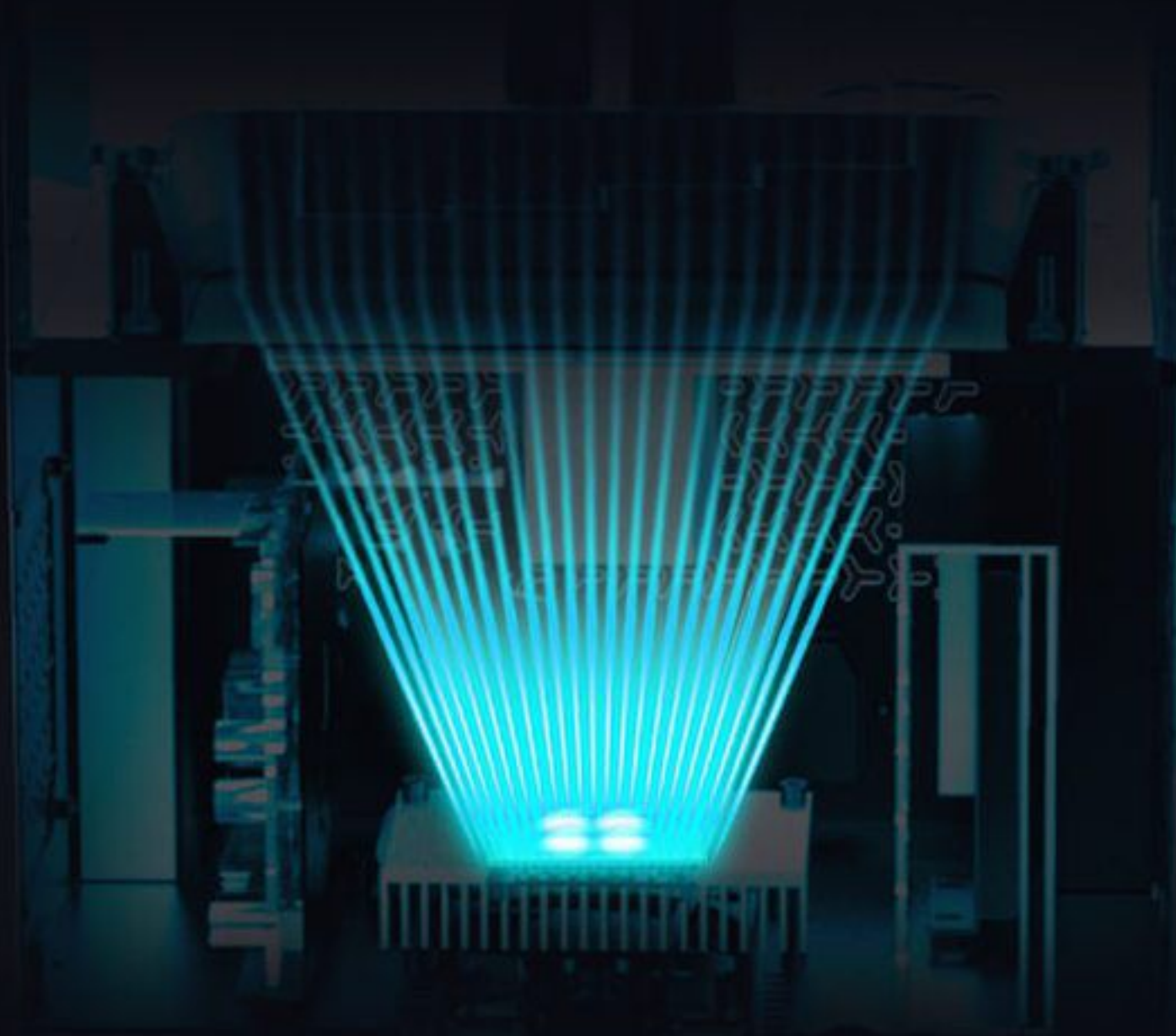


Uniform light greatly improves precision

LD-002R adopts the 405nm wavelength UV light source
LCD light bulbs in parallel matrix provide
uniform light with light evenness up to 90% Reflective cup
improves light concentration and even illumination.
Stable light source decides higher print success rate.



90%
light evenness × **30%**
higher precision



Detailed processing reduces jagged edges

4X/8X anti-aliasing makes precise corrections to prints, living up to the needs of fine prints



No anti-aliasing × 8X anti-aliasing



LCD molding technology multi-task at a same time

Compared to FDM, LCD technology supports multi-task printing at the same time, greatly improving work efficiency, with average print speed at 6 –18s/layer, and highest print speed at 30mm/h

20–30mm/h

Print by lines

×

6–18s/layer

Print by layer

LCD 3D Printing



FDM 3D Printing



VS

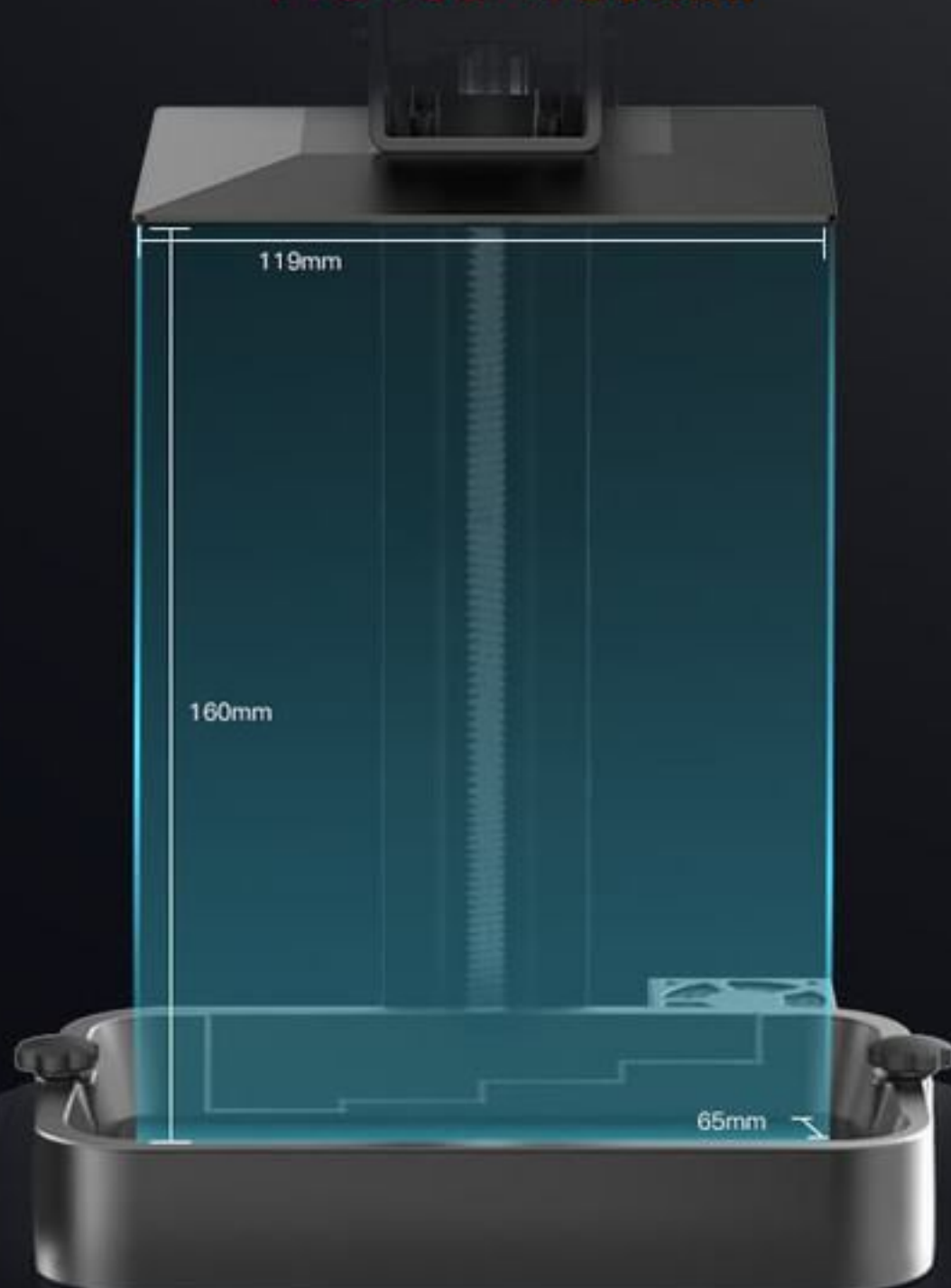
In-depth Upgrade

Larger print volume Infinite creativity

Larger print volume 119X65X160mm enables you to finish bigger and larger prints at a time. Unlock your creativity!

Print volume

119×65×160mm



Ball linear rails stable Z-axis movement

Ball linear rails ensure Z-axis to move steadily, eliminates ripples on final prints, producing out smooth surface and delicate texture.



Ball linear rails

higher precision

160mm

print height



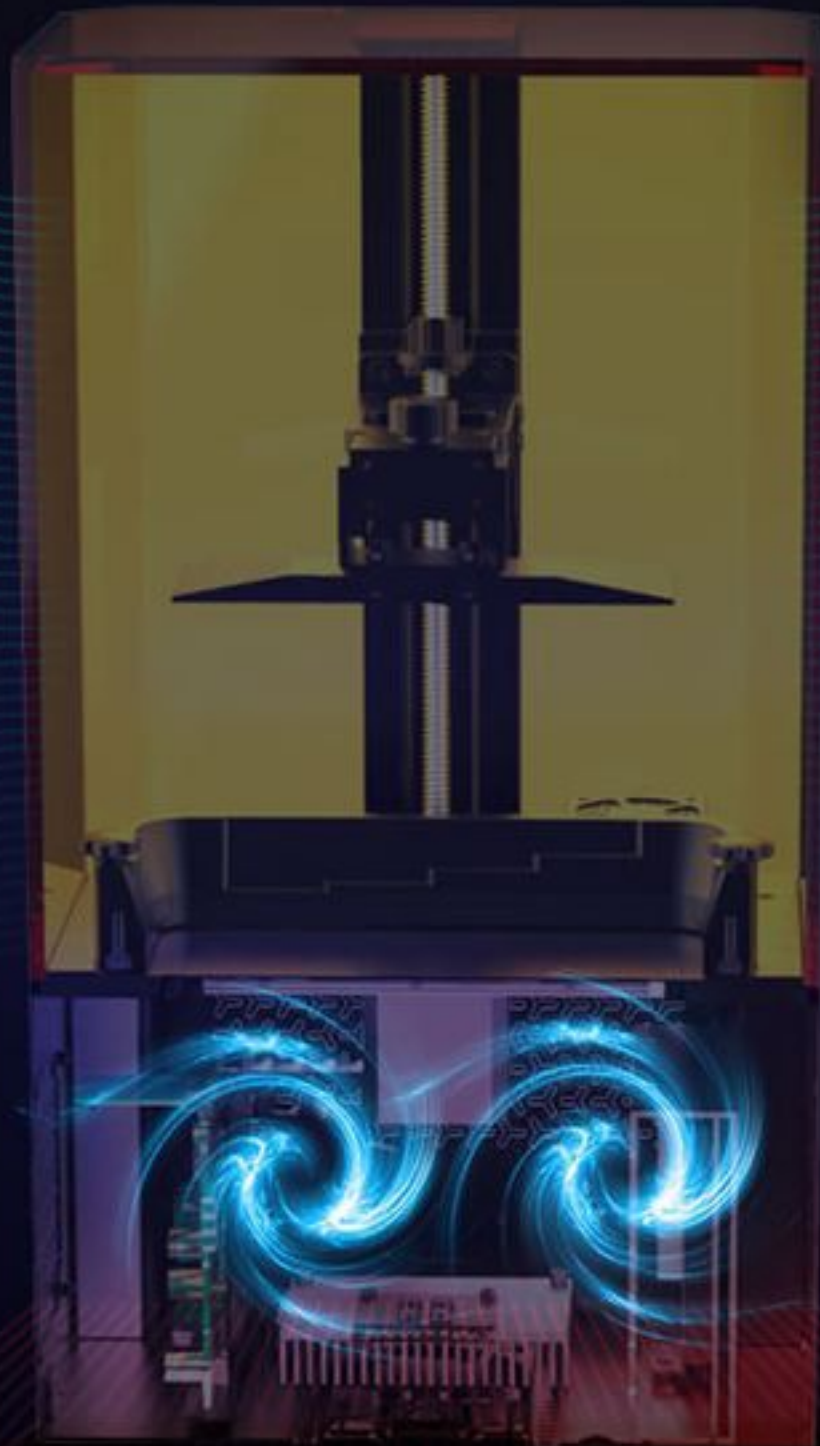
Air filtering system Free indoor printing

Double fans and active carbon air filtering system
deodorizes the odor from resin.



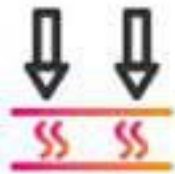
Double-fan
Circulation Airflow

Concealed
cooling device

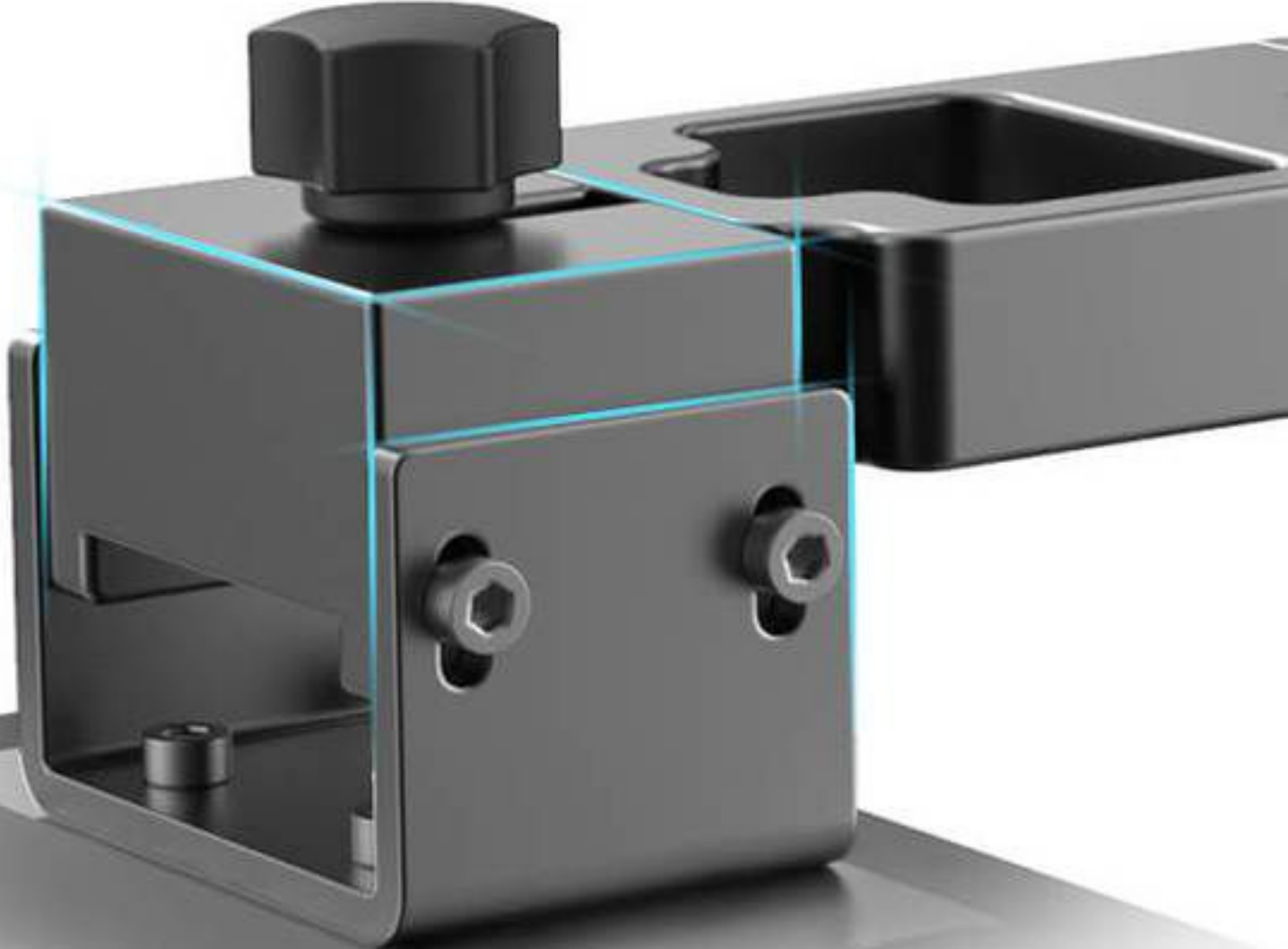


Easy manual leveling

Special manual leveling system simplifies leveling process



Easy leveling



User-friendly Design



All-metal body+CNC Aluminum

All-metal integrated machine body
by CNC cutting technique
strengthens the frame structure
reduces vibration, and prints more
smoothly

All-new UI Interface

New UI interface
Chinese and English supported
real-time printing monitoring
3.5-in touch screen
high resolution and clear display



Infinite possibilities

Enjoyable artistic
creation



Endless DIY fun

Explore your creativity
with the integration of
art and precision



Model	LD-002R
Frame	high-precision
Molding	LCD
Print Size	120*65*165mm
Layer height	0.02-0.05mm
LCD	Yes
Print Speed	6-18s/layer
Comsumables	ordinary rigid resin, resin with toughness, resin with high-tempeture resistance, photosensitive resin, casting resin,etc
Language	English /Chinese
Support File Format	STL, CTB
Machine Size	221*221*403mm
Machine Weight	7Kg
Package Size	295*295*540 MM
Package Weight	10KG
Voltage	Input100-240v output12v





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