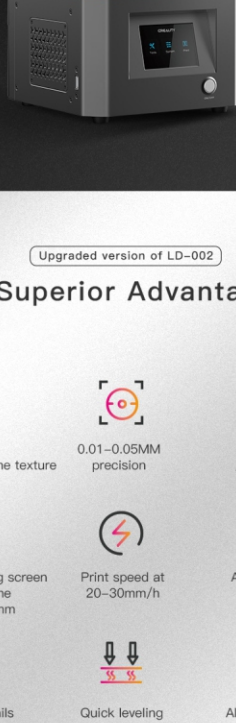


LD-002R

CREATE RESIN PRINTER CAZE

Turn Imagination into Realization
HD LCD Resin 3D Printer



Upgraded version of LD-002

9 Superior Advantages

2K

2K screen
Final Prints with Fine texture

0.01-0.05mm

0.01-0.05mm
precision

4X/8X

4X/8X
Anti-aliasing

5.5-in

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

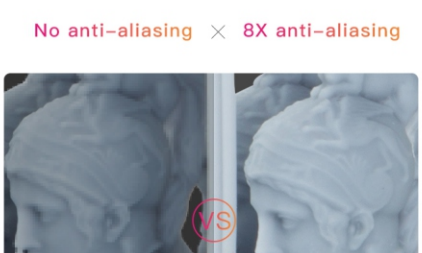
2K Solid-State Display System achieves precision of 0.01-0.05mm, producing smooth surface and delicate finish. The single spot is of 26.1μm, and its precision can rival industrial-grade machine

2K resolution

1440X2560 pixels

0.01-0.05mm

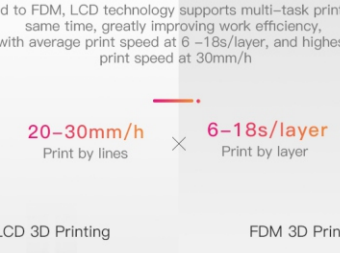
print precision



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



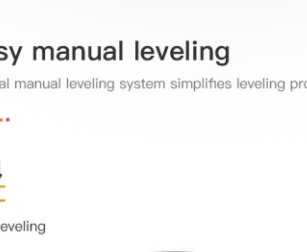
In-depth Upgrade

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

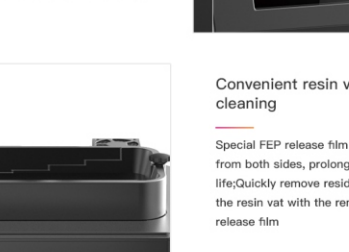
Ball linear rails ensure Z-axis to move steadily, eliminates ripples on final prints, producing out smooth surface and delicate texture.

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

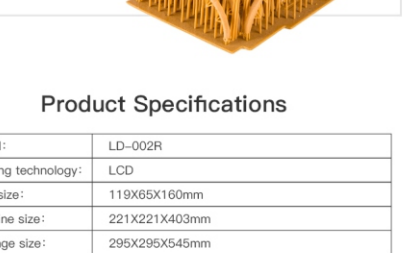
cooling device



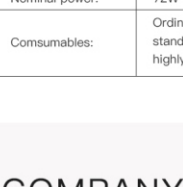
Easy manual leveling

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

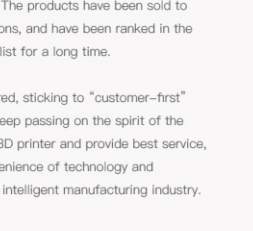
Convenient resin vat cleaning

Special FEP release film tightened from both sides, prolonging service life; Quickly remove residues from the resin vat with the removal of release film

Small side open window

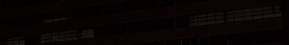
Small side open window for simpler maintenance.

Better user experience



Infinite possibilities

Enjoyable artistic creation



Explore your creativity with the integration of art and precision

Product Specifications

Model:	LD-002R
Molding technology:	LCD
Print size:	119X65X160mm
Machine size:	221X221X403mm
Package size:	295X295X545mm
Print speed:	20-30mm/h
Prints support :	Automatic/Manual
Nominal voltage:	100-240V
Output voltage:	12V
Layer Height:	0.01-0.05mm
XY axis precision:	0.075mm
Language:	Chinese/English
Print method:	USB
File format:	STL/CTB
Machine weight:	7kg
Package weight:	8.7kg
Nominal power:	72W
Consumables:	Ordinary rigid photosensitive resin, standard resin, elastomeric resin, highly-resistant resin, dental resin

COMPANY INTRODUCTION

Shenzhen Creality 3D Technology Co., Ltd.

Creality 3D is an internationally renowned 3D printer manufacturer, national high-tech enterprise, and a pioneer in the R&D and mass production of FDM and DLP 3D printers in China. Our company has been committed to applying 3D printers into market, delivering efficient and cost-effective integrated 3D printing solutions for individuals, families, schools and enterprises.

Headquartered in Shenzhen, Creality 3D has branches in Beijing, Shanghai and Wuhan, and cooperates with colleges and universities to build an industry-university-research teaching and internship base. We have a complete set of R&D, manufacturing and after-sales service system and strong technological strength. With a total area of 30,000 m², team of over 1000 and annual production capacity of over 800,000 units, Creality 3D prides itself on its large-scale R&D center and 3D printing laboratories and Creality research institute. Coupled with modern production lines working for 24 hours nonstop and demanding quality control system, the excellent product quality is thus guaranteed from the source. The products have been sold to more than 100 countries and regions, and have been ranked in the top of the global 3D printer sales list for a long time.

With initial aspirations never faltered, sticking to "customer-first" service concept, Creality 3D will keep passing on the spirit of the evangelist to make better quality 3D printer and provide best service, enabling people to enjoy the convenience of technology and contributing to the rise of China's intelligent manufacturing industry.

CREALITY 创想三维