

MEET YOUR ENDLESS CREATIVITY

LD-002H
LCD Resin 3D Printer



New Upgrade of LD-002R

New favourite of Resin 3D Printer

Larger Molding Size
130*82*160mm

Faster Print Speed
1-4s/layer

LCD HD Screen
2K monochrome LCD (2560*1620)

Advanced Light Source
light energy of 8000uw/cm²

3D PRINTING
LD-002H

2K HD screen

6-inch print size

Integrated UV light source

Z-axis linear rail

Air filtration system

USB file transfer

CNC resin vat

Easy to level

LD-002H Technology, Smart and Efficient

New Definition of Resin 3D Printer

LD-002H has larger molding size, stronger transmittance, even light source, more stable machine performance and faster printing speed

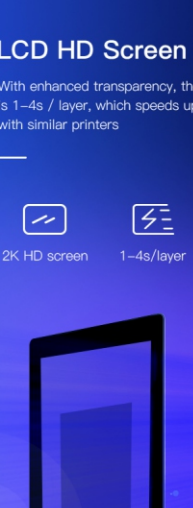


3D PRINTING
LD-002H

LD-002H Endless Creativity

Larger Print Screen

Molding size with 130*82*160mm realizes the larger printing space and gives you more choices



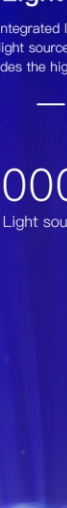
LD-002H Refined Results

1620*2560 High Resolution

1620*2560 HD resolution with high print precision, it manifests every detail of model from point to surface. The printing precision is 51μM

51 μM/XY precision

1620*2560 Screen resolution



* Smooth surface, burr free and less lamination

LD-002H Faster Print Speed

LCD HD Screen

With enhanced transparency, the curing time of the model is 1-4s / layer, which speeds up 10% compared with similar printers

2K HD screen 1-4s/layer



In the front of plate Bottom of plate

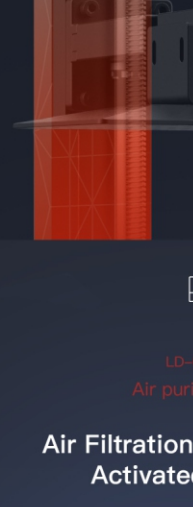
* The relevant data were obtained by Creality laboratory

LD-002H Light Concentration and Even Illumination

Upgrade UV Light Source Module

Equipped with a UV integrated light source and upgraded transmission system, the light source reaches 8000uw/cm². Stable light source decides the higher print success rate

8000 uw/cm² Light source



* The relevant data were obtained by Creality laboratory

System Function Configuration

LD-002H Desktop

Delicate Appearance

Simple and delicate design with explosion proof translucent cover gives you a premium experience



LD-002H 160mm print height

Z-axis Linear Rail

Stability is the prerequisite to realize high print precision. The z-axis linear rail ensures a highly precise movement. A stable mechanical structure gives you refined results



Stable guide rail High Z-axis precision

LD-002H Air purification

Air Filtration System with Activated Carbon

Activated carbon can effectively reduce the emission of odor from resin and give you a comfortable environment



Odors Impurities

LD-002H Easy to operate

Manually Leveling System

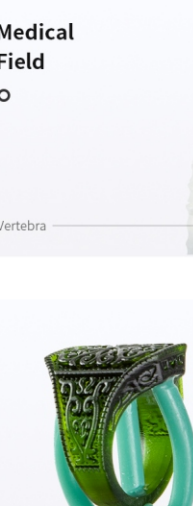
It keeps the distance of a piece of paper by lowering the printing platform. Then lock the leveling nut to finish the leveling



LD-002H Multiple functions

Powerful Slicer Software

Equipped with CHITU BOX, it supports one key to add the model support and adjust the model size, easy to achieve all the functions you want



LD-002H User-friendly Design

3.5-inch Full-color Touch Screen

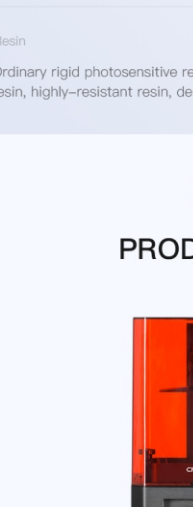
A simple UI interface can monitor real-time printing information, easy to operate



LD-002H Make It Easy to Use

Smart Add-on

Simple resin vat, small side open window, USB mode, and optional app cloud platform give you a premium experience



USB mode Quick to read



Smart resin vat Easy to operate



Small side open window Convenient to maintain

Applicable fields

Dental industry, medical application, jewelry design, architectural design, animation, maker education and other industries



Dental Dental model



Medical Vertebra

Jewelry Ring model

Architectural Tower model

Product Parameters

Molding Tech LCD Layer height 0.03-0.05mm

Print size 130*82*160mm Screen 3.5-inch touch screen

Machine size 221*221*403mm LCD pixel 1620*2560

Package size 295*295*540mm Machine weight 6.5KG

Print speed 1-4s/layer G.W. 8.3KG

XY axis precision 0.051mm Rated power 72W

Uplift speed 50-200mm/min Light source configuration UV integrated lamp beads (the wavelength is 405nm)

Resin Ordinary rigid photosensitive resin, standard resin, elastomeric resin, highly-resistant resin, dental resin and transparent resin

PRODUCT

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 resin 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 30,000m², a team of over 1,000 employees, and a monthly 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 3D printing industry evangelist to make better quality 3D printers and provide best service, enabling people to enjoy the convenience of technology and contributing to the rise of China's intelligent

