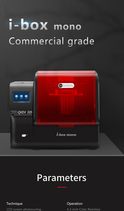
i-box mono

Commercial grade

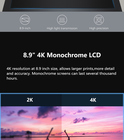


Parameters

Technique Digital resin medical modeling casting technology	**Operation** Touch screen Touch Screen
Supported Layer Thickness 0.05Mm-0.1mm	**Print Speed** 20mm/h
Print Size 192*120*200mm	**Machine size** 501*360*490mm
XY Resolution 2560*1440	**Light source** UV LEDwavelength 405nm
Z axis Accuracy 0.001-0.1mm	**Rated power** 60W
Curing wavelength 405nm	**Connectivity** USB port,WiFi
Operating Software Chitu	**File Format** .ctb / .cbddlp .cbd / .dlp
Operate System WINDOWS/MAC	**N.W.** 25.4KG
Support Material 405nm normal rigid UV resin, Dental non casting resin,Dental casting resin	

8.9-inch screen, larger printing area

8.9-inch high- precision screen, more uniform light emission, better printing accuracy With good stability and long life After the light source is turned on, it is integrated and has been recognized by a large number of users.

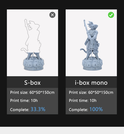


8.9" 4K Monochrome LCD

4K resolution of 8.9 inch size, allows larger prints,more detail and accuracy. Monochrome screens can last several thousand hours.

Fast Printing Speed

The time of exposure is as low as 1.5-2 seconds, and the max print speed is 60mm/h, making printing speed 3X faster than the S-box.

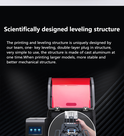


New Matrix UV Light Source

High quality quartz lamp bead and new matrix design for uniform UV light energy. All monochrome LCD delivers high-quality prints.

Scientifically designed leveling structure

The printing and leveling structure is uniquely designed by our team, one- key leveling double-layer plug-in structure, very simple to use, the structure is made of cast aluminum at the bottom of the commercial grade models, more stable and better mechanical structure.



Better Resin Vat Structure

Re-developed cast aluminum resin vat optimized for the latest commercial grade resin, more durable, easy to clean, excessively pulled and often damaged during printing of large size models. The redesigned structure doubles the service life of the FEP film.

Stronger tensile structure

The tensile structure adopts double low guide rails, and the middle is equipped with industrial-grade ball screws The accuracy of the Z axis can reach 0.001-0mm, Effectively improve the stability of the equipment, the printing accuracy, and strengthen the stretching force.

The first intelligent 3D resin printer

i-box mono is the first Z-axis motor equipped with TMC2209 silent stepper drive, pursuing a super quiet and more intelligent.

The latest slicing software

i-box mono is perfectly compatible with the latest Chitu-software version1.85, which is smarter and easier to operate. Using the latest slicing format file, the slicing speed is greatly improved.

4.3-inch touch screen

4.3 inch touch screen high-resolution display, support for Chinese and English switching. Master real-time printing data.

Application Field

Widely used in Architecture,Jewelry,medicine,design and education...

Packing List

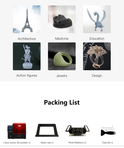
ZHEJIANG CHUI TECHNOLOGY

QIDI Technology is an advanced 3D printer company in China that aims to manufacturing full series of high-quality FDM printer We have our own FDM printer factory, FDM printer R&D team, and FDM printer production workshop, 1,000 square meters of R&D center, and annual production capacity of 100,000 units.

We also have our own a number of patents, software copyrights, All of our products have passed the MET safety quality certification, CE, FCC,ROHS certification, and have obtained patents in the EU, US, etc.

QIDI Technology has very professional international cooperation experience. We have established long-term strategic partnerships with Amazon, Walmart,etc. We have a very strong R&D team and production capacity, and our products and services are well received by users, and we have the first comprehensive feedback site. We have a good reputation as well as in-timer delivery and after-sales service.

Our company is established since 1 years ago. We have the most professional R&D team and the most advanced production lines. We will provide you the best service and the most competitive price.



International certification

All of our products have passed the MET safety quality certification, CE, FCC, ROHS certification, and have obtained patents in the EU, US, etc. At the same time, we do not forget the safety and environmental protection of our products, so that you can use them comfortable and safely.