

Resin 3D Printer

Applications: Hobbies/Miniatures/Gaming/Props
/Prototyping/Dental/Jewelry...



Saturn 4 Ultra

Print Right Out Of The Box

- 10-inch 12K High Resolution
- Tilt Release Ultra Fast Printing
- Auto Leveling & Self Check
- AI Camera & Time Lapse
- Power-Loss Resume Printing
- Flip-up Lid Design

LCD Screen	10-Inch 12K Mono LCD
Printing Speed	Max 150mm/h (Bear 1h52m/Tower 4h14m)
XY Resolution	19*24um (11520*5120)
Print Volume	218.88mm (L)*122.88mm (W)*220mm (H)
Connectivity	USB Interface & WiFi
Operation	4.0-Inch Capacitive Touch Screen
Slicer Software	ChituBox
Power Requirements	100-240V 50/60 Hz 24V 6A

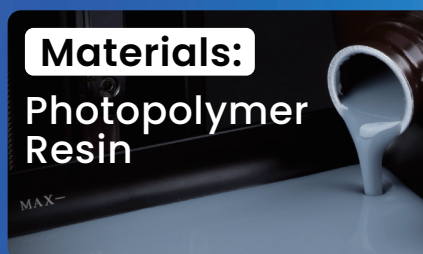


How To Print



Compared to filament printer, resin printer is able to deliver smooth surfaces and delicate details, able to print complicated models.

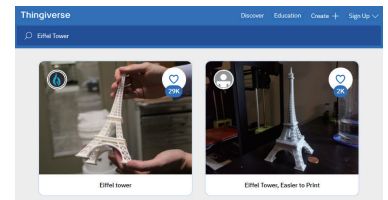
Materials:
Photopolymer Resin



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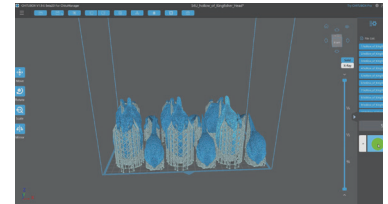
1. Get a model file

Pick online the models you want to print, or build your own 3D design if you are capable of 3D modeling! Tons of model files can be downloaded here (free or payable) : [thingiverse/](https://thingiverse.com) [cults3d/](https://cults3d.com) [gambody/](https://gambody.com) myminifactory.com.



2. Get it sliced

Download Slicer (CHITUBOX) from the USB flash drive, select the correct printer and continue with default settings or adjust by self, click "slice" and save file into USB drive.



3. Print

Transfer the sliced file to printer via WIFI or insert the USB drive into printer, pour resin into vat, click "print" on screen, Saturn 4 Ultra will do self check and start to print.



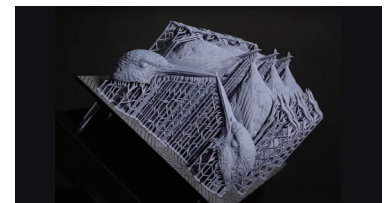
4. Post-processing

● Remove Supports

Once printing is done, remove the model (from build plate) and supports.

● Wash & Cure

Wash it with 95% IPA unless you are using water-washable resin, to remove the excess resin. Dry it and then cure it with UV light, then the model is good!



* Above is a simple reference of usage, for more details pls refer to this Blog by

ELEGOO: Get Started in Resin Printing



 **YouTube**

Printer Review by
Uncle Jessy

* Uncured resin can be toxic to humans and the environment, please put down the cover when printing and in a ventilated area and wear gloves (come with printer) when touching uncured resins. Cure any resin you plan to dispose of. Once it's dry, the plastic is harmless to touch.