

# MARS 3 3D Printer

www.elegoo.com



## Thank you for purchasing ELEGOO Mars 3 3D printer.

This user manual applies to Mars 3 and Mars 3 Pro. We take Mars 3 as an example in this manual. Please unbox and inspect the printer upon receiving it. If you have any questions regarding the printer, Please contact us at [3dp@elegoo.com](mailto:3dp@elegoo.com), facebook, or Instagram.

Please read the instruction carefully before you use the printer.

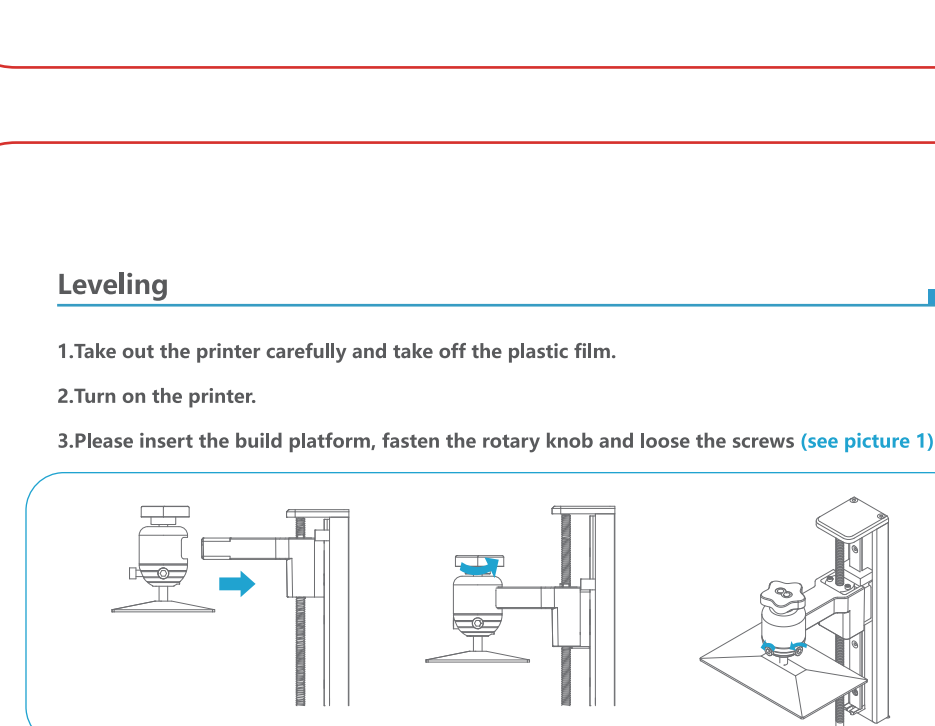
Software and multiple language instructions are available to download from [www.elegoo.com/download](http://www.elegoo.com/download).

## Notice:

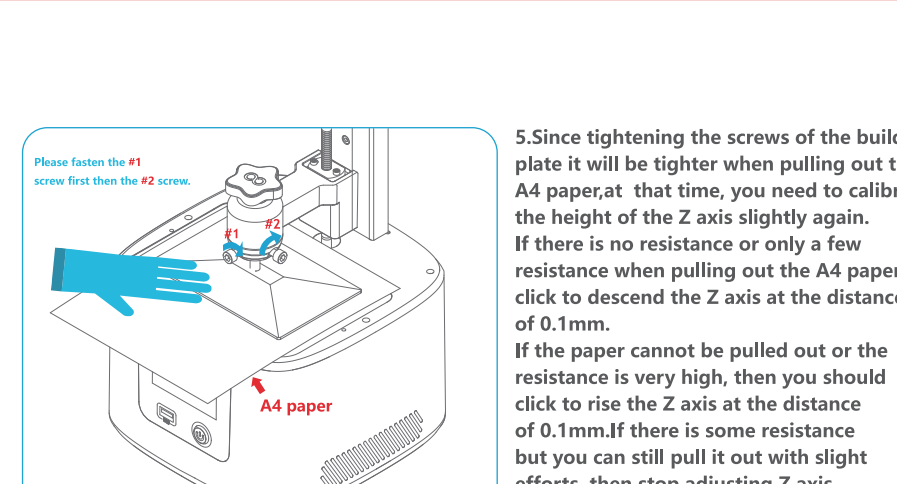
If you need technical support please contact us at [3dp@elegoo.com](mailto:3dp@elegoo.com).

- Please keep the Mars 3 3D printer and its accessories out of the reach of children.
- When you use the printer for the first time, you would need to adjust it before printing (Unbox and Test).
- If the printing failed, you would have to clean the resin tank and change resin, otherwise it may cause damage to your printer.
- The capacity of the resin in the tank must not exceed the MAX line position.
- Please use 95% degree (or higher) ethyl alcohol or isopropyl alcohol to wash your model unless you are using water washable resin.
- Please use the printer indoors and avoid direct sunlight and dusty environment.
- Please keep your printer away from water or damp environment.
- Please wear a mask and gloves before using and avoid direct skin contact.
- If you want to print models with sharp edges please be careful when removing it from the build platform.

## Packing List



## Printer Components

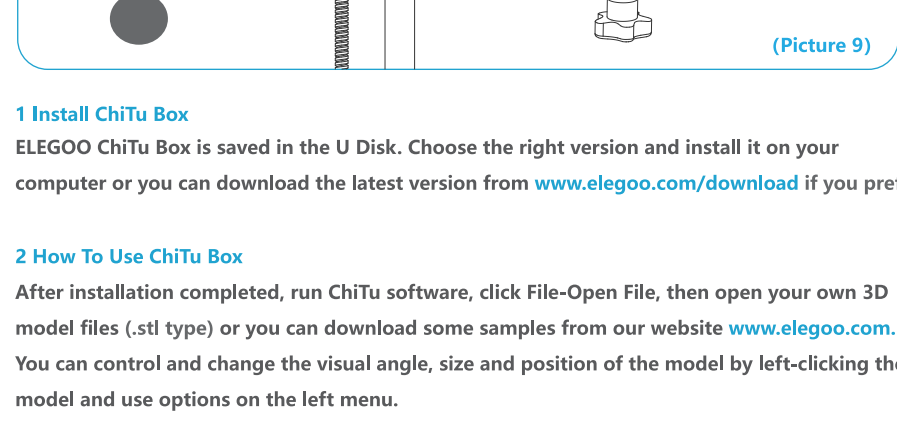


## Mars 3 Tech Specs

System: EL3D-3.0.1		
Operation: 3.5 Inch Touch Screen		Printing Parameter
Slider Software: CHITUBOX		
Connectivity: USB		
Technology: UV Photocuring		
Light Source: UV Integrated LED (wavelength 405nm)		
XY Resolution: 0.035mm (4098*2560)		
Z Axis Accuracy: 0.00125mm		
Layer Thickness: 0.01-0.2mm		
Printing Time: 1.5-3s per layer (30-50mm/H)		
Power Requirements: 100-240V 50/60Hz		
		Printing Specification
Dimension: 8.94in (L)*8.93in (W)*17.26in (H)		
22.7cm (L)*22.7cm (W)*43.85cm (H)		
		Physical Parameter
Build Volume: 5.65in (L)*3.53in (W)*6.89in (H)		
14.343cm (L)*8.96cm (W)*17.5cm (H)		
Weight: 11.5 lbs (5.2kg)		

## Leveling

1. Take out the printer carefully and take off the plastic film.
2. Turn on the printer.
3. Please insert the build platform, fasten the rotary knob and loose the screws (see picture 1).
4. Remove the resin tank and put an A4 paper between the build platform and 4K LCD screen and click "Move Z axis to zero" (See picture 2). When the build platform stops please use one hand to press it and make sure it's in the central position then fasten it using the Allen Wrench. (See picture 3)



(picture 1)

(picture 2)

(picture 3)

(picture 4)

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