

Elegoo 3D printer Saturn 2

- **System:** EL3D-3.0.1
- **Operation:** 3.5 inches touch screen
- **Slicer Software:** CHITUBOX
- **Connectivity:** USB
- **Technology:** MSLA
- **Light source:** UVLED 405nm
- **XY Resolution:** 7680*4320
- **Z Axis Accuracy:** 0.00125mm
- **Layer Thickness:** 0.01-0.2mm
- **Printing Speed:** 30-70mm/h
- **Power Requirements:** 100-240V 50/60Hz 24V 4A 96W
- **Printer Dimensions:** 305.9mm(L)*273mm(W)*567.3mm(H)
 12.04in(L)*10.75in(W)*22.33in(H)
- **Build Volume:** 218.88mm(L)*123.12mm(W)*250mm(H)
 8.62in(L)*4.85in(W)*9.84in(H)
- **Weight:** 24.25lbs(11kg)



【10" 8K Monochrome LCD】 ELEGOO Saturn 2 adopts a **10-inch 8K** mono LCD screen with an HD resolution of 7680x4320 and an ultra-fine XY resolution of 28.5 microns, outputting outstandingly detailed 3D models with a cure time of only 1-3s per layer. The scratch-resistant tempered glass above the LCD screen with 9H hardness for better light transmission and protection.

【43% Larger than Saturn's Printing Volume】 With a build volume of 219x123x250mm / 8.62x4.84x9.84 inch and a 10" large mono LCD screen make the prototype size larger and the curing efficiency higher, you can print one larger model or multiple smaller models in a single batch.

【Fresnel Collimating Light Source】 Fresnel collimating light source consists of **48** highly integrated UV LED lights that work with FCL system Fresnel lens to emit a uniform light beam of 405nm wavelength, excellent printing accuracy, and a more smooth surface finish.

【Reliable Printing Performance】 The Z-axis is designed with dual linear rails and non-slip hexagon socket leveling screws for ultra-steady & accurate movement and remarkable printing performance. The sandblasted surface build plate provides much stronger adherence, and **PFA release liner** with easier model removal and less release tension.

【Odor-free Printing Environment】 The air filtration system with an activated carbon filter can absorb most of the resin odor, creating an odor-free fresh printing environment. Double heat-conducting copper heat tubes with faster heat transfer and better heat dissipation efficiency prolong the service life of 3D printers



