



## Elegoo Mars 4 Ultra 3D Printer

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The Elegoo Mars 4 Ultra is an advanced 3D printer that combines precision and performance, ideal for professionals and hobbyists alike. With state-of-the-art technology and an intuitive interface, the device delivers exceptional 3D printing results, allowing you to create detailed and high-quality models.

### Display and operation

The Elegoo Mars 4 Ultra features a 4-inch touchscreen for easy and intuitive operation. The interface is clear and responsive, allowing users to quickly navigate menus and control all aspects of printing. This makes it easy for even less experienced users to use the device and produce professional results.

### Software

The device is compatible with popular 3D printing software such as Chitu Box and Voxeldance Tango. These advanced programs offer many features for editing and preparing models for printing. The ability to precisely optimize printing parameters allows you to achieve the highest quality prints, while intuitive tools simplify the process of setting up and monitoring the print.

### Printing technology



The Mars 4 Ultra uses MSLA stereolithography technology, which guarantees extremely accurate and detailed prints. The technology relies on light to cure the resin, which creates very precise and smooth surfaces. The light source is a combination of COB and a collimating Fresnel lens with a wavelength of 405 nm, which ensures uniform exposure and high precision printing. This ensures that every detail of the model is reproduced with the highest accuracy.

#### High resolution

The printer offers an impressive XY resolution of 18x18um (8520x4320), making it possible to print highly detailed and complex models. Such high resolution makes even the smallest details clear and sharp. The accuracy of the Z-axis is 0.02 mm, which further enhances printing precision. Layer thickness can be adjusted from 0.01 to 0.2 mm, making it possible to customize printing parameters and achieve a variety of finishing effects.

#### Speed and efficiency

The Elegoo Mars 4 Ultra features high printing speeds of up to 70 mm per hour. This allows users to complete their projects faster without sacrificing quality. It's perfect for those who need to produce prototypes or finished products quickly, while maintaining high quality and precision prints.

#### Power supply and dimensions

The printer operates over a wide voltage range of 100-240V and a frequency of 50/60 Hz, making it a versatile device for use around the world. Its compact dimensions of 227 mm (length) x 227 mm (width) x 443.5 mm (height) make it fit into almost any workroom, and its net weight of 6.5 kg makes it easy to transport and carry. In addition, its solid construction ensures the durability and stability of the device, which translates into reliability in daily use.

#### Included

Mars 4 3D printer Wi-Fi antenna USB air purifier construction platform resin tank U-disk mask gloves funnels spare screws adapter tool kits scraper instruction manual

Manufacturer Elegoo Model Mars 4 Ultra System EL3D-4.0 Support 4.0-inch touchscreen Oprogramowanie Chitu Box & Voxeldance Tango Connectivity USB interface, Wi-Fi Technology MSLA Stereolithography Light source COB + collimating Fresnel lens (wavelength 405 nm) XY resolution 18\*18um (8520\*4320) Z axis accuracy 0.02 mm Layer thickness 0.01-0.2 mm Printing speed MAX 70mm/HP Power requirements 100-240V 50/60 Hz 24V 3A Dimensions 227mm(L)\*227mm(W)\*443.5mm(H) Housing volume 153.36mm (L)\*77.76mm (W)\*165mm (H). Gross weight 8.3kg Net weight 6.5 kg

Price:

**€ 345.00**

Creative Technologies, 3D Printing

