SuperMelt Print Solution

Model 29.6cm

Easy to operate, easy to use for beginners

29.6cm	10.3 inch LCD
Ultra-thin Frame, Ultra-wide Molding Area	4K Monochrome Screen

Quick Print
Adopted Mono Screen, Ultra-fast Curing Speed, Ultra-fast Molding

Fast Print
Adopted Mono Screen, Ultra-fast Curing Speed, Ultra-fast Molding

8K High Resolution
Unbelievable!

Linear Positioning Sets
4 Motors, 2 Linear, 2 Linear

Precisely Selected Parts
Imported Parts
Imported Mini Motor, Imported Mini Bearing, Imported Mini Ball Screw, Imported Mini Coupling

8K ultra-clear accuracy
Restore model details

Using high precision technology of Elegoo, it breaks the limits of 4K screen, and implements a 8K resolution.
Curing time is shortened to 1.5-2.5s significantly, improves printing efficiency greatly, reducing workloads of the operator.

10.3-inch monochrome LCD

The pixel size of the screen is only 19.4 microns

With 7680x4320 ultra-high resolution and 300 x 168.8 pixel screen size, it achieves a pixel size of 19.4 microns, which is the smallest pixel size of 10 inch screen used in Photon M.

Intelligent heating,
Four occasions of constant temperature
Efficient printing, at any time to create

Resin, LCD, ambient temperature sensors, 3 heating temperature sensors to ensure stable printing. Resin liquid is the best temperature, no matter in any weather.

Double line guide high precision screw
High precision printing experience

Z-axis is equipped with two guide rail screws, integrated by Elegoo, with a pitch of 2mm, 2 Turns of screw, a combination of precision and stability. It can ensure accuracy of 0.01mm/mm.
Precision level processes and stable operation.
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High Stability Precision
Dual Guideway Z-axis

Adopted high precision Mono Screw, with Mini Motor, Mini Bearing, Mini Coupling, Mini Ball Screw, 2 Linear, 2 Linear, a combination of precision and stability. It can ensure accuracy of 0.01mm/mm.
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The screen saver has been upgraded again
High hardness, explosion proof and
high permeability transparent film

Using high hardness explosion proof high permeability transparent film, more exclusive screen protection technology, high hardness, high permeability, anti-explosion, greatly improve the service life of the screen. Protect the screen from damage, improve the service life of the screen. Protect the high transmittance.

Release Film

Release Film Service Life
10%
Traditional PDMS Release Film

Traditional PDMS Release Film

Automatic feeding device
Uninterrupted operation

Efficient purification
Natural breathing
Purify odor Green

An independent vacuum, single-direction, no-pressure, double-air purification system, connected to Elegoo air with no leakage, vacuum the odor and smoke generated by 3-D printers, Elegoo air purifier is safe and efficient, ensuring a healthy and comfortable working environment, creating a clean and pleasant working environment.

No calibration needed
It can be printed directly

When to need a clearer print, the Elegoo Saturn series of Mono series is coming soon. There will be no calibration, photosensitive resin is direct 3D printing, no need to wait for the plate.

Light touch support enhanced version
Easy to remove, smooth surface

Elegoo Saturn support structure, using the Elegoo exclusive light touch support technology, the contact point between the model and the support is reduced by 50%, the surface of the model is more smooth, and the printing success rate is improved to perfect.

SIMPLE OPERATION

JUST NEED A STEPS, GET STARTED

Product Parameters

Standard configuration