## Our Advantages

Our SuperbMelt jewelry resin 3D printer using Texas Instruments DLP surface exposure technology, model data is exposed layer by layer to achieve high-speed and high-precision 3D printing models.The UV LED light source with longer life is selected, the resolution is quickly adjusted, and it is compatible with a variety of materials,and is widely used in the jewelry industry.

### Mass Production

It can print more than 10 design models at one time

### Fast Printing Speed

Can reach 15-28mm/hour

### Quick Prototypes

Before setting diamonds, make an prototypes to test whether it is completely matched.

### Material Complexity

Including photosensitive resins, ceramic resins, castable wax materials, etc.

### Direct Casting

The printed model can be directly cast, and the finished product is smooth and high-quality

### Cost-Efficiency

Compared with the wax material, it is cheaper, and the finished product works well

# Jewelry Casting Resin 3D Printer

The 3D resin printer has stable and reliable performance, and the software operation is simple and intuitive. Prototypes, directly castable models and rubber models can be directly printed by 3D printing machine. Realize the digitization of the entire process, further simplify the manufacturing process, and greatly shorten the production cycle.

## Parameter

| Model | DLP resolution | X/Y pixel | Light source | Printing layer thickness | Forming size | Data format | Machine power | Input voltage |
|---|---|---|---|---|---|---|---|---|
| SPB-DLP64 | 1280*800 | 50μm | UV LED 405nm Texas Instruments DMD chip | 0.025-0.1mm | 64mm*40mm*120mm | STL/SLC | 240W | 110-220VAC 50/60Hz |
| SPB-DLP96 | 1920*1080 | 50μm | UV LED 405nm Texas Instruments DMD chip | 0.025-0.1mm | 96mm*54mm*120mm | STL/SLC | 260W | 110-220VAC 50/60Hz |
| SPB-DLP144 | 1920*1080 | 75μm | UV LED 405nm Texas Instruments DMD chip | 0.025-0.1mm | 144mm*81mm*120mm | STL/SLC | 300W | 110-220VAC 50/60Hz |
| SPB-4K192 | 3840*2160 (4K) | 50μm | UV LED 405nm Texas Instruments DMD chip | 0.025-0.1mm | 192mm*108mm*120mm | STL/SLC | 500W | 110-220VAC 50/60Hz |