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WIIBOOX SLM 3D PRINTER

- Lightweight components used in aircraft, automobiles, trucks, construction equipment, ships, etc.
- Injection, die casting and hot stamping models and etc.
- Customized dentures, implants and surgical instruments
- Customized jewelry and hardware ornaments



High Printing Accuracy

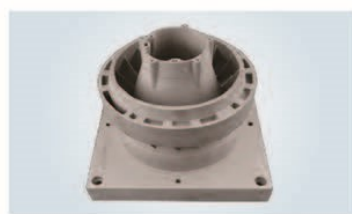
- Small light spot diameter and small layer thickness ensure the printing accuracy.
- Unique scanning-path and oxygen monitoring system ensure the high printing effect.

Easy Operation

- Online real-time modification of the printing & material parameters.
- New powder-laying mechanism saves the printing time.
- High scanning speed ensures the printing efficiency.

Security

- Security warning system.
- Mobile phone remote monitoring and diagnosis.
- Integrated design of the mainframe and accessories.



Parameters

Notice: The parameters below are only for your reference.

Appearance		
Model	SLM250	SLM150
Modeling Range	250x250x300mm	120x120x80mm
Power	9 kW	3 kW
Layer Thickness	0.015-0.05mm	0.02-0.08mm
Maximum Scan Speed	8m/s	8m/s
Software	Eplus 3D Printing Software	Eplus 3D Printing Software
File Formats	stl or other convertible formats	stl or other convertible formats
Laser	Fiber Laser 200W/500W	Fiber Laser 100W/200W
Scanning System	High resolution galvanometric scanning system	High resolution galvanometric scanning system
Gas Supply	Ar/N ₂ Protection	Ar/N ₂ Protection

Materials

Material Type	Material Model	Industry Applications
Titanium alloy	Ti-6Al-4V and etc.	Aerospace, Customization and small batch production, Functional components, Medical care, Automobiles
Stainless steel	316L\304 and etc.	Customization and small batch production, Functional components, industrial mold, art crafts
Cobalt chromium alloy	CoCrMo	Medical care, dentistry, industrial mold, Customization and small batch production
Superalloy	Ni718\625	Aeronautical high temperature resistant components
Aluminum alloy	AlSi10Mg	Aeronautical & automobile lightweight components
Copper alloy	Bronze etc.	Jewelry, crafts, creative toys, etc.

Industry Applications



Automobile



Aerospace



Molds & Prototypes



Jewelry