



SHINING 3D®

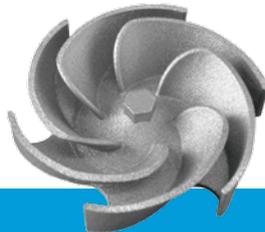
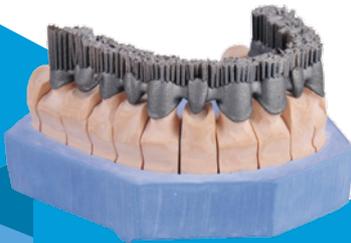


E-Plus-3D

EP-M100T 3D Printer

Directly Metal Printing

by SHINING 3D®



EP-M100T 3D Printer

SHINING 3D EP-M100T is a small size metal 3D printer. It adopts Selective Laser Melting technology, which selectively melt fine layers of metal powder directly from 3D file. EP-M100T, with a smaller build chamber, which is best for small parts printing, finds its wide use in dental, jewelry, medical market, etc. The system is also ideal for lab environment, where less accessory equipment and less powder are required. The open system provides limitless imagination for the lab experiment.

Compact and practical design

- Visualized touch screen design of control console, offers user-friendly operation.
- Remote control and diagnosis via phone; intelligent manufacturing can be achieved by mobile end.
- Multiple precaution system, safety protects both human and machine.
- Integrated design makes operation and maintenance convenient.

High precise and high property printing quality

- Small laser facula and thin layer thickness guarantee more precise printing quality.
- Intelligent powder coating method and faster scanning speed ensure printing more efficiently.
- Unique scanning path and oxygen control assures high property printing quality.

Lean design to ensure low cost operation

- The power consumption of the whole machine is less than 1kw.
- The design of automatic flow control and automatic circulation filtration of inert gas ensures the lowest gas usage.
- The compact chamber design and excellent tightness minimize the powder consumption.

Diversity of printing material

- Stainless steel, high temperature nickel base alloy, maraging steel, titanium alloy, cobalt chromium alloy, aluminum alloy, high strength steel, copper alloy, tungsten alloy.



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Specification

Model	EP-M100T
Laser power	100W/200W
Scanning system	High precision galvanometer
Scanning speed	8m/s
Building size	120mm×120mm×80mm
Layer thickness	0.015mm-0.05mm
Material	Stainless steel, maraging steel, high temperature nickel base alloy, titanium alloy, Cobalt chromium alloy, aluminum alloy, high strength steel, copper alloy, tungsten alloy
Operating system	Windows 7
Control software	Eplus 3D printing software
Air supply	Ar / N ₂
Data format	STL or other convertible file
Power supply	380V 2KW
Dimension (mm)	940 (L)×1300 (W)×1980 (H)
Work temperature	15-30 °C

* Notice: SHINING 3D reserves the right to explain any alteration of the specification and pictures.