

# LM-M100D Lite

Desktop LM-M100D lite metal 3d printer

The dental revolution on the desktop opens a new chapter of customization.



High efficiency



High precision



Portable size



Easy to operate



## ► WHY LM-M100D Lite



### High-precision control system

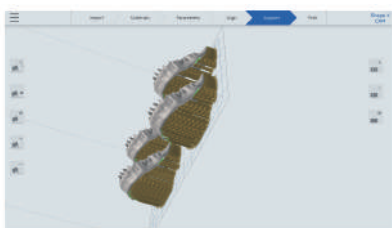
Stable optical system and powder circulation system facilitate mass production

The smaller spot diameter makes the edge of the printed layer sharper, which can easily reproduce the complex details and tiny structures in dental models, such as crown edges and inner cavities.



### Overall slimming and removal of venue restrictions

The overall size of the equipment is reduced, the powder laying stroke is shortened, the inflation time is shortened, and the operator does not need to wait; the printing base is fixed and printing can be performed without manual leveling; all moving parts are hidden sealing structures, and the equipment is easy to clean.



### Dental Data Control System

Layout management and slicing of complex models. Up to 100 slicing parameter settings to fully meet personalized slicing needs. Different models use different slicing parameters, and all slicing processes can be completed with just one click. Intelligent multi-core acceleration and intelligent slicing repair will not significantly affect the model printing quality even if serious errors occur in the model.

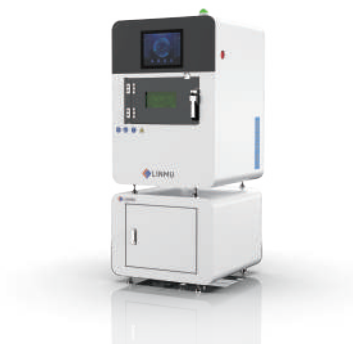
## ► Small size, big performance !

1.The compact design perfectly adapts to various environments, reduces floor space and helps make work more efficient.

3.Flexible and convenient, can be deployed anytime and anywhere



2.Regardless of the size of the workspace, flexible placement is unrestricted and truly space adaptable.



## ► 3D Printing Case



Sample name: Dentures

Printing equipment: LM-M100D Lite

Printing material: TC4

Metal 3D printing can be personalized according to the patient's specific oral condition, and directly print dentures that meet the patient's needs, which can ensure the accuracy of the dentures with an error within 20 $\mu$ m.



Metal 3D Printed Dentures

## ► Technical Parameters

Dimension	55*55*80cm
Build Volume	Φ100*50mm(80mm print height optional)
Laser Power	300W
Layer Thickness	20-60 $\mu$ m
Filtration system size	50*50*65cm
Protective gas	Nitrogen/Argon
Data format	STL file
Control System	TH-3D print
Electrical consumption	220V
Applicable material	Titanium alloy, cobalt-chromium alloy, stainless steel
Weight	150Kg

## ► LM-M100D Lite Usage Process



Model preparation

Data slicing software processing



3D Printing



Heat Treatment



Cutting



Removing support structures



## ► About us



Technical Consultation

Including consulting on equipment selection, material processes, and operations



Original spare parts

Ensure high performance and long service life



Equipment Training

Full training on equipment, systems, maintenance and can be customized



Regular after-sales

Regular return visit  
Provide comprehensive and detailed service