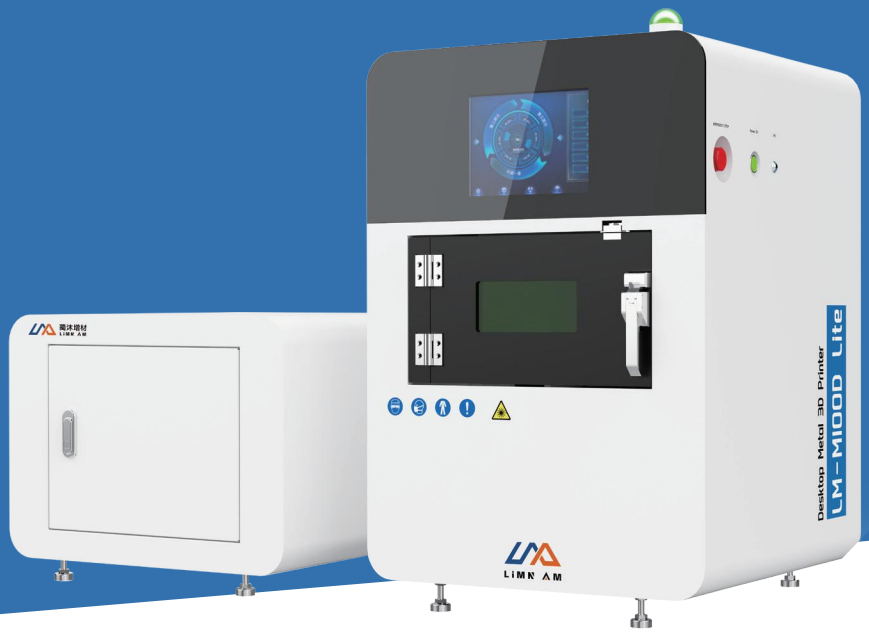
LIMN AM

LM-MIOOD LITE

Pioneering Smart Manufacturing: The Leader in Desktop Metal Printer



High precision

Excellent stability

High safety

High-precision control

Low-Cost, Rapid Prototyping

With a build volume of Φ100×80 mm, this system is ideal for universities and maker teams to validate metal 3D printing technology and produce small-batch prototypes.

One-Click Smart Operation

Features integrated, simplified control software that supports automatic calibration and fault diagnosis, making it easier to use.

Energy-efficient & eco-friendly design

Power consumption <3 kW; equipped with a compact filtration system that meets laboratory safety standards.

Adapted for Education&Research

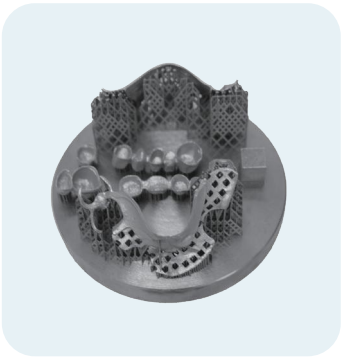
Open API interface, supports secondary development, suitable for teaching and research experiments in metal additive manufacturing.

Print Sample

Sample Name: Dental Bracket
Sample Material: Cobalt-Chromium Alloy
Application: Medical Dentistry

Sample Name: Dentures
Sample Material: Titanium Alloy
Application: Medical Dentistry

Sample Name: Dental Bracket
Sample Material: Cobalt-Chromium Alloy
Application: Medical Dentistry



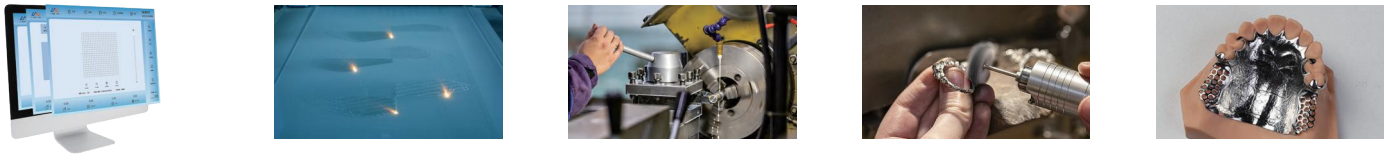
Sample Name: Dental Bracket
Sample Material: Cobalt-Chromium Alloy
Application: Medical Dentistry

Technical Specifications

Dimensions	L(630mm) x W(600mm) x H(850mm)
Molding Chamber Dimensions	Φ100mm*80mm
Scanning Speed	7m/s
Spot Diameter	50~100μm
Laser	300W
Powder Layer Thickness	20~60μm
Filter System Dimensions	500mm*500mm*650mm
Compatible Materials	Titanium alloys, cobalt-chromium alloys, etc.
Chamber Oxygen Content	≤100ppm
Shielding Gas	Nitrogen/Argon
Data Format	STL files or other conversion formats
Supporting Software	TH-3Dprint (developed in-house by Tianhong)
Electrical and Losses	220V
Machine Weight	180KG

*The data provided is for reference only; actual results may vary.

3D Printing Process



Model Preparation & Data Slicing

3D Printing

Heat treatment, wire EDM and support structure removal

Surface Treatment

Finished Parts

Technical services

Technical services

24/7 technical support

Engineering Design

Engineering design services tailored to product application requirements

Rapid Response

Prompt response to customer needs and proactive action

Equipment Training

Comprehensive training on equipment, systems, andmaintenance, with customized training available

Customized Products

High-quality, customized solutions

Quality Assurance

Rigorous pre-shipment testing and quality control throughout the entire process

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Official Website