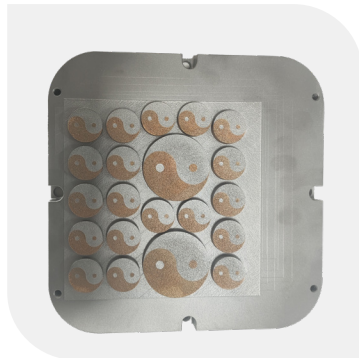
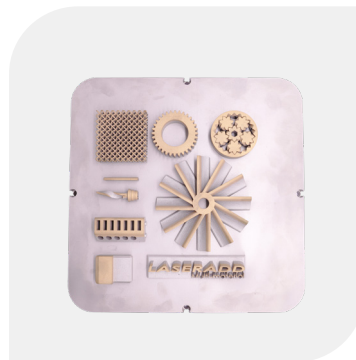


M150D

Kings Industrial SLM 3D Printers

Multi-Material Metal 3D Printer



◆ Overview

The Kings SLM M150D is a compact, high-precision metal additive manufacturing system designed for research, prototyping, and small-batch production. Equipped with advanced selective laser melting (SLM) technology, it supports a wide range of metal powders and enables the fabrication of complex geometries with excellent mechanical properties.

With its optimized build volume and stable process control, the M150D is ideal for applications requiring fine detail, material flexibility, and consistent part quality.

◆ Advantage



Multi-Material Compatibility

Supports a variety of metal powders such as stainless steel, titanium alloys, aluminum alloys, and more.



High Precision & Fine Detail

Delivers excellent surface quality and intricate structures, suitable for high-accuracy components.



Stable & Reliable Printing

Advanced process control ensures consistent performance and repeatable results.



Efficient Powder Management

Optimized powder handling system improves material utilization and reduces waste.



User-Friendly Operation

Integrated control system with intuitive interface simplifies operation and monitoring.



Compact Industrial Design

Space-saving footprint makes it ideal for labs, R&D centers, and small production environments.

◆ Ideal Applications

- Research & Development, Medical & Dental, Tooling & Molds, Aerospace & Precision Engineering, Small-Batch Production

◆ Technical Data

Printing Size	150mm × 150mm × 150mm
Machine Size	1300mm × 930mm × 2150mm
Layer Thickness	0.02~0.1 mm
Laser Power	500W Infrared Ytterbium-Doped Fiber Laser
Scanning system	High-Precision Scanning Galvanometer
Scanning Speed	Max 7m/s
Feeding Method	Upward Powder Feeding - Single-Direction Variable-Speed Powder Coating
Control Software	Self-Developed Control and Path Planning Software System
Data Format	STL files or other convertible formats
Monitor	17.3-inch Display
Filtration system	Standard Filtration Cabinet
Substrate Heating	200°C
Power Supply and Power	220V/50 Hz 8.8KW
Ambient Temperature	Operating Temperature 15-30°C
Equipment Weight	830 kg
Materials	Stainless Steel, Titanium Alloy, Cobalt-Chromium Alloy, Tool Steel, Copper Alloy, Precious Metals, etc.



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