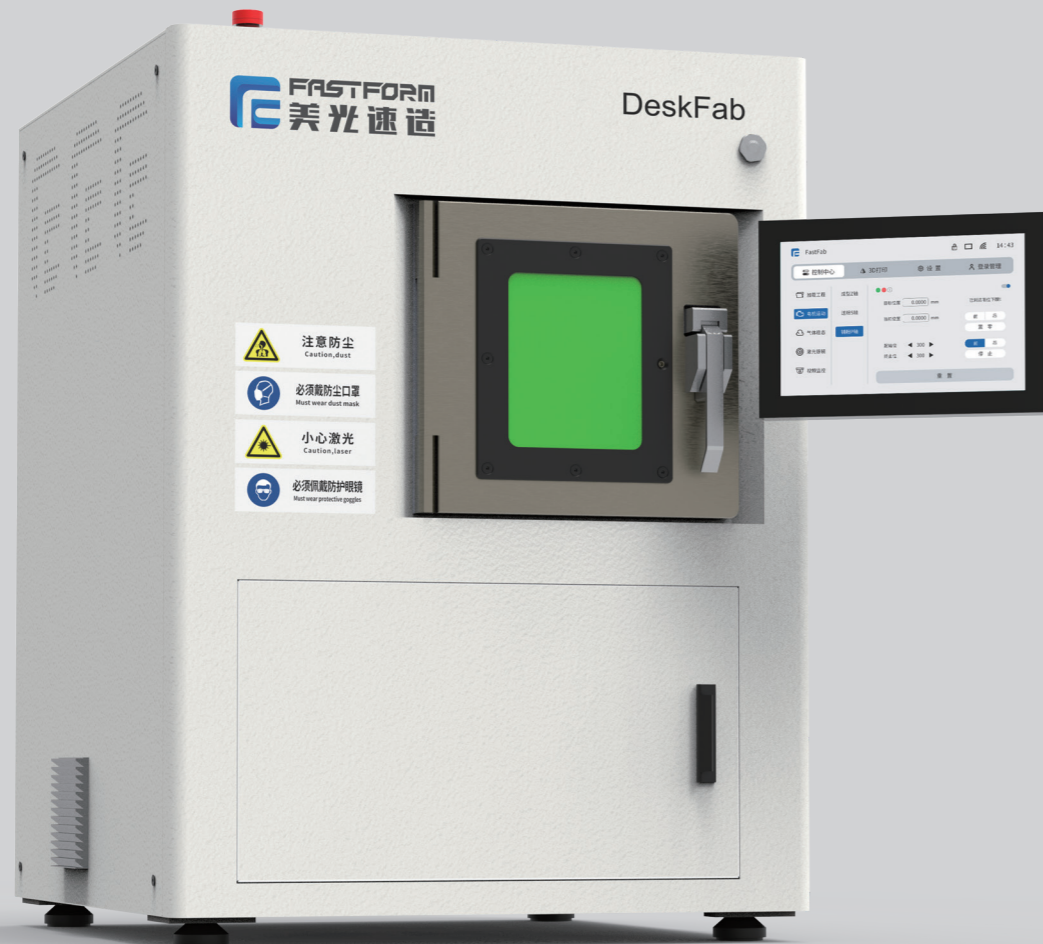


# 05 PRODUCT INTRODUCTION



## DeskFab series

Desktop 3D Printer series

DeskFabH1 — Desktop metal 3D printer dedicated to education and scientific research;

DeskFabX1 — Desktop metal 3D printer specialized for dentistry.



Dental



Education Research

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## FUNCTIONAL CHARACTERISTICS

All-in-one Integration Space Revolution	Permanent Filtration System 0 Cost, 0 Replacement, 0 Risk
One-to-N intelligent collaboration Education & Scientific research	One-click printing & one-click typesetting Friendly master it for beginners
LFPT - Light Following Powder Spreading Technology	Multi-functional metal 3D printer Available for multiple metal materials

## TECHNICAL PARAMETERS

Name	Parameters	Name	Parameters
Building Volume	Φ100×100mm	Printer Dimensions	600×650×860mm (L×W×H)
Machine Weight	150kg	Protective Gas	Nitrogen, Argon
Laser Power	Single laser, 500W	Recoater Type	Flexible soft blade
Layer Thickness	20-80μm (adjustable)	Powder feeding Type	Top powder feeding, one-way recoating
Rated Power	1.5kW	Baseplate Installation	Quick-release magnetic fixed
Layout Method	Fully automatic layout and path planning	Filtration Lifetime	Permanent filter ≥ 30,000 hours
Software	FastForm FastLayer slicing software & FastFab control software		
Printing Materials	Cobalt-chromium alloy, titanium alloy, pure titanium, etc.		

## APPLICATION DEMONSTRATION

