



DDS-140S

METAL 3D PRINTER



Quality advantage

- Stabilized optical system
- Self-developed software for one-button automatic typesetting, specially customized for dentistry.

Efficiency advantage

- 150 crowns/5 hours.15 frameworks/ 6 hours
- Permanent filter, high powder utilization rate
- The crown veneer can complete typesetting and data processing in 5 minutes at the earliest

Security advantage

- >5 years of verification, has formed an independent and perfect safety production process.
- Bring your own camera, support remote monitoring and operation, and monitor the production status anytime and anywhere.
- Integrated welding structure, strong stability and convenient installation.

Product Model

DDS-140S

Build Volume Height inclusive of build plate	ø140 X H100mm	Printer Dimensions	1050 X 870 X 1750mm (L X W X H)
printer weight	450 kg	Layer Thickness	20-100um
Beam Spot Size	50-80um (Adjustable)	Laser Source	Single fiber laser
Recoater Type	Soft blade recoater	Input Voltage	220V AC
Laser Power	500W	Protective Gas	N2, Ar
Average Power Consumption	1.5KW	Cooling Type	Water-cooled
Min. Oxygen Content	0.1%	Powder Feeding and Recoating Type	Upper powder feeding &One - way recoating
Build Plate Fixing Type	Magnetic fixed	Printing Accuracy	±50um
Max. Scanning Speed	10m/s	Max. Powder Volume	2.5L
Typesetting Mode	Automatic typesetting path planning	Power Failure Resume	Yes
Printable Material	CoCr.Titanium. Stainless steel Aluminum, Etc	Filtration System	Permanent filter lifetime >30K hours