



## UnionTech EvoDent S300

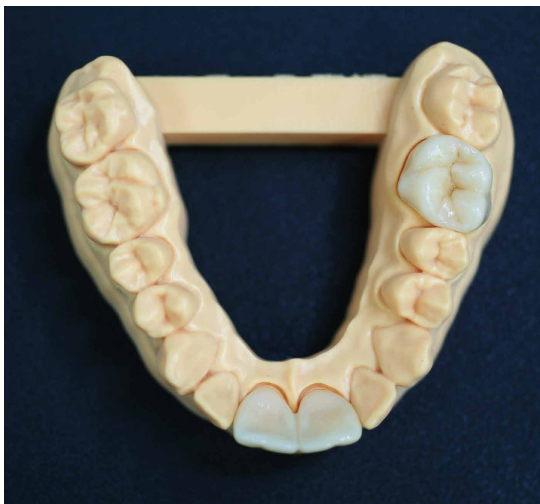
**Large Build Envelope Capacity  
and high efficiency**

For Dental  
4K large format 3D printer

- ▷ Industrial 4K optical Engine, it is the first large format 3D printer for dentistry in China;
- ▷ High-precision, the precision of light scanning surface is  $50\ \mu\text{m}$  (more than 80%), and the surface quality is quite good;
- ▷ Replaceable resin tank, greatly reduces the user's cost;
- ▷ Silent, small peeling force, greatly improve the success rate of product printing;
- ▷ 8 half mouth dental molds at a time printing;
- ▷ Semi automatic power correction;
- ▷ Automatic working mode, simple operation and maintenance.

# Technical Data

Build Envelope Capacity	249.6×140.4×240mm 9.83×5.53×9.45in
Accuracy	±0.05mm
Elevator Positioning Accuracy	≤±3μm
Layer Thickness	0.05/0.1mm
DMD	DLP660TE
LED Power	4000mW ( maximum total )
Pixel Size	0.065mm/pix
Wavelength	405 nm
Materials	All of the photosensitive resin of 405nm
Controller	UnionTech™DSCON
Part Preparation	Polydevs Pro, BPC
Operating System	Windows 10
Input Data File Format	UTK
Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Electrical Requirements	200-240 VAC, 50/60 Hz
Rated Power	800W
Systems Control	Closed-loop
Temperature Range	72–79°F (22–26°C)
Maximum Change Rate	1°C/hour
Relative Humidity	<40% non-condensing
3D Printer Uncrated	600×510×1450mm
Weight	122kg



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