UnionTech EvoDent S300
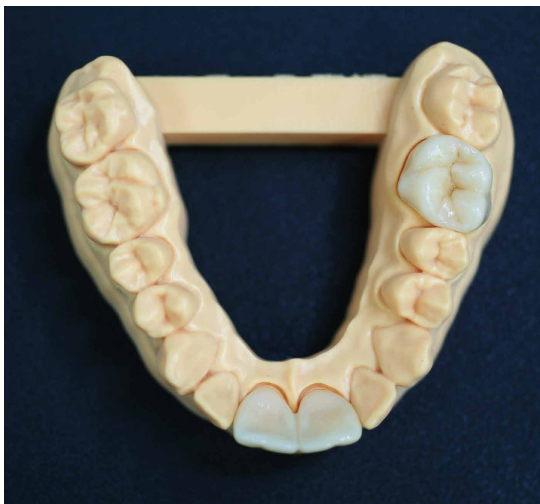
Large Build Envelope Capacity and high efficiency

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 50μm (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