



UnionTech EvoDent S110

Accurate & Efficient
3D Printer for Dental Professionals

- ▷ High accuracy Accuracy reaches as high as 50 μ m.
- ▷ High efficiency 4 aligner models are printed within 25min.
- ▷ Simple using One-click printing makes it easy for users.

Technical Data

Build envelope	mm	111.32 x 62.64 x 85	Data pre-processing		Polydevs DLP / Pro
	in	4.38 x 2.47 x 3.35	Printer controlling		DSCON
Printing speed	mm/hr	15-25 (0.05 mm/layer)	Operating system		Linux-GNU
		30-40 (0.1 mm/layer)	Data transfer interface		USB/Ethernet/Wi-Fi
Accuracy	mm	±0.05 (>80%)	Touch screen size	in	10.1
Elevator positioning accuracy	µm	≤±3	Power supply		110/220VAC, 50/60Hz
Layer thickness	mm	0.05 / 0.1	Rated power	W	300
Resolution		1920 x 1080	Temperature range	°C/°F	22-26 / 72-79
Light source		UV LED	Max temperature change rate	°C/hr	1
Optical power	W	2.5 (typical)	Relative humidity	%	< 60
Pixel size	µm/pix	58	Printer size unpacked	mm	440 x 380 x 840
Wavelength	nm	405	Printer weight unpacked	kg	42
Customer input file format		.stl / .obj / .off / .ply / .3mf	CE certificate		Yes

