MaxPrint P1

High Speed 3D Printer

High Speed Efficiency

6 tiled orthodontic models can be printed quickly within 15 minutes, further shortening the production time of chairside aligners.

Precise & Large Throughput

4K Resolution, ±50μm Printing accuracy; . 9 seconds curing time per 100μm layer.

User Friendly

Calibration-free installation, LCD screen can be replaced within 5mins; Use pre-tension film for easy maintenance.

MaxPrint P1 - Chairside High Speed 3D Printer

Build volume	192*120*190mm
Pixel size	50μm
Technology	LCD Technology
Dynamic layer thickness	0.05~0.1mm
Printing speed	Up to 48 mm / 1 hour (Depending on the resin type and slicer settings)

Size & Weight

Device dimension	390x420x535mm
Net weight	26kg
Package size	550x540x900mm
Package weight	42kg

Software

Control system	Self-developed Master.OS
Language	Simplified Chinese, Traditional Chinese, English, Japanese
Slicing software	ShapeWare
File format (Import)	.stl, .obj
File format (Export)	.rs, .shape
Advanced functions	Support editing, automatic repair, model cutting,hollowing, perforating, labeling
Wireless printing	Deliver printing tasks to specified printer in LAN environment via"One Click"operation
Cluster management	Manage the printing tasks of multiple devices in LAN environment

Hardware

LCD screen	8.9" 4K mono screen
Light source	405nm LED light source
Resolution	3840×2400 pixels
Heating module	Automatic heated build platform
Air filtration	Built-in air filter in printing chamber
Touchscreen	7" touchscreen
Connectivity	USB2.0, Wireless network (2.4GHz), Ethernet
Input	100~120 VAC，50/60Hz 220~240 VAC，50/60Hz (Depending on the country/region)
Rated power	320W