

# Edge Max

## Large Format Dental 3D Printer

One Giant Leap for Dental Production



Accuracy



Reliability



High-Speed



Open System

**RAYSHAPE**

# Edge Max

The Edge Max boasts a massive build volume of 290 × 160 × 190mm, delivering high printing speed, and exceptional precision. It is well suited for various applications, including orthodontics, fixed and removable restorations, and implants, making it a versatile solution for dental labs.

## Applications:

**Fixed Restoration:** Restoration Model, Casting, Temporary Crown & Bridge, etc

**Removable Restoration:** Custom Tray, Denture, Try-in, etc

**Implants:** Implant Model, Surgical Guide, Gingiva, etc

**Orthodontics:** Aligner Model, Record Model, Splint, etc

## Technical Specifications

Build Volume	290 × 160 × 190 mm ( 11.42 × 6.30 × 7.48 in )
Pixel Size	46 µm
Technology	LCD
Layer Thickness	0.05~0.15 mm
Printing Speed	Up to 36 mm/hr (Depending on the resin type and slicer settings)

### Materials

ShapeMaterials Dental Series & 100+ Prevalidated Materials

Material Packaging 1 kg, 2.5 kg

### Hardware

LCD Screen 13.6-inch 7k

Light Source 405 nm LED

Resolution 6480 × 3600 pixels

Touch Screen 10-inch

Connectivity USB 2.0, Wireless Network, Ethernet

Input Voltage 100~120 VAC, 4.5 A, 50/60 Hz

200~240 VAC, 2.1 A, 50/60 Hz

Rated Power	500 W
<b>Software</b>	
Control System	Self-developed Master O.S.
Language	Chinese, English
Slicing Software	ShapePanel
Operating System	Windows 7/8/10/11
File Formats ( Import )	.stl, .obj
File Formats ( Export )	.rs
Advanced Functions	Editing, automatic repair, model cutting, hollowing, perforating, labeling
Wireless Printing	One-Click Printing Task Transfer within LAN
Cluster Management	Task Management for Multiple Devices within the LAN
<b>Size &amp; Weight</b>	
Device Dimensions	480 × 500 × 650 mm
Device Net Weight	39 kg
Packaging Size	600 × 600 × 1000 mm
Packaging Weight	60 kg



**Implant Model**

30 per print, 90 min



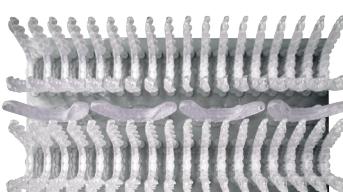
**Surgical Guide**

16 per print, 45 min



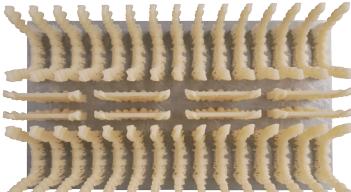
**Denture Base**

18 per print, 100 min



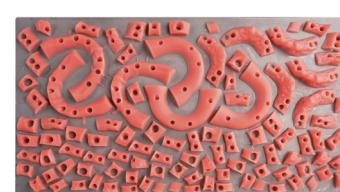
**Splint**

40 per print, 108 min



**Temporary Crown**

38 per print, 150 min



**Gingiva**

102 per print, 24 min



## Contact Us

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