

Edge Max

Large Format Dental 3D Printer
One Giant Leap for Dental Production



Accuracy



Reliability



High-Speed



Open System

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

Implants: Implant Model, Surgical Guide, Gingiva, etc

Removable Restoration: Custom Tray, Denture, Try-in, 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	0.05~0.1 mm
Printing Speed	Up to 36 mm/hr

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

Software

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
	(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

Size & Weight

Device Dimensions	480 × 500 × 650 mm
Device Net Weight	39 kg
Packaging Size	600 × 600 × 1000 mm
Packaging Weight	60 kg



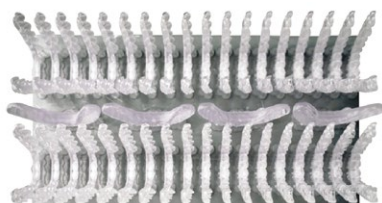
Implant Model
30 per print, 90 min



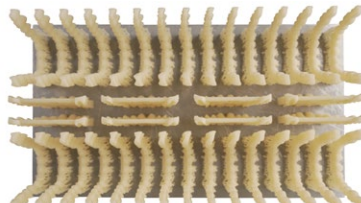
Surgical Guide
16 per print, 45 min



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



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