Edge E2

The Ideal Choice To Go Digital

The Top Seller Dental 3D Printer

Fast

Open system

User-friendly

Technical support

RAYSHAPE

Edge E2

Designed for new customers newly in the digital dentistry era. The 3D printer delivers speed, accuracy, and successful prints. An 9.25 inch black and white screen 6k LCD screen can be filled with full upper and lower arches ready for making aligners, study models, dentures, splints, and other dental applications.

Applications: Surgical guides - Splints - Gingiva - Try-in - Custom trays - Denture - Record Model - Clear Aligner - Casting - Temporary restoration - Indirect bonding trays

Technical Specifications

Build volume	192 × 120 × 190 mm
Pixel size	34.4 μm
Technology	LCD Technology
Dynamic layer thickness	0.05~0.1 mm
Printing speed	Up to 85 mm / 1 hour (Depending on the resin type and slicer settings)

Materials

Available materials	ShapeMaterials Dental Series

Hardware

LCD screen	9.25" 6K monochrome screen
Light source	405nm LED
Resolution	5760 × 3600 pixels
Door control	Printing will be paused automatically if the cover is opened(optional)
Heating module	Automatic heating build platform
Touch screen	7" color touchscreen
Connectivity	USB2.0, Wireless network, Ethernet
Input	100~120VAC, 4A, 50/60Hz 200~240 VAC, 2A, 50/60Hz
Rated power	350 W

Software

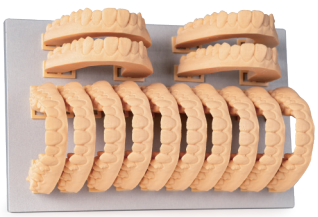
Control system		Self-developed Master.OS
Language		English, Chinese
Slicing software		ShapePanel
Operating system		Windows 7/8/10/11
File format	(Import)	.stl, .obj
	(Export)	.rs, .shape
Advanced functions		Support editing, automatic repair, model cutting, hollowing, perforating, labeling
Network printing		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

Size & Weight

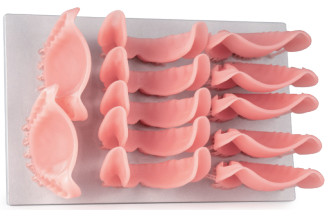
Device dimension	390 × 420 × 550 mm
Net weight	31 kg
Package size	540 × 540 × 900 mm
Package weight	45 kg

Surgical Guides

Implant Models



Aligner Models



Dentures

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