Aidite

3D Printing Solutions

SPECIFICATIONS AND SERVICES

Model	EZPRINT-P1
Technology	DLP
Structure size (XYZ)	144mmX81mmX130mm
Accuracy	30μm
Resolution	75μm
Layer thickness	0.05mm-0.1mm
Printing speed	36-72mm/h(Related to the layer thickness)
Heating temperature	20°C-35°C
Data	STL
Wavelength	405nm UVLED
Voltage	100-240V(50/60Hz)
Power	⩽220W
Weight	35kg

EZPRINT-P1 PRINTER

High-speed printing I Automatic Layout
Calibration-free use

Easy Installation

Online service and support

1 year warranty

reddot design award

Muse Platinum Award

Aidite

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Everyone with a healthy and beautiful smile

EZPRINT-P1

The EZPRINT-P1 printer can accurately reproduce design details and efficiently print all kinds of dental cases.
The EZPRINT-P1 provides a one-stop service for scanning, designing, slicing, printing and post-processing, which ensures that the solution can be delivered quickly and on the ground, presenting customers with a simple and easy-to-use 3D printing solution.

STABLE LIGHT SOURCE

Built-in power and mask correction technology, light intensity uniformity can reach more than **97%**.
30000 hours long service life, stable operation, no decay of light intensity.

Quiet rotating hatch
Ergonomic design, quiet and no noise.
Equipped with safety protection design, open the door and stop immediately.

Quickly removable print platform
Factory pre-calibrated, no levelling required.
Clamped construction for easier installation and removal.

Quickly removable resin tank
Fixture structure, more convenient installation and disassembly.
The life span of the release film is up to 140,000 cycles.

High precision linear modules
P-class linear module with Z-axis precision up to 3μm.
Ensuring accurate printing of each layer.

Temperature and humidity sensor
Real-time monitoring of temperature and humidity in the print chamber.
Ensures optimal printing environment.

7-inch touch screen
Simple User interface
Efficient human-computer interaction

HEATING MODULE

Customized temperature control time for early preheating.

Maximum temperature up to **35°C**,

Maintains optimum flow of resin for ideal results.

Maximum temperature 35°C

EXTRAORDINARY SPEED

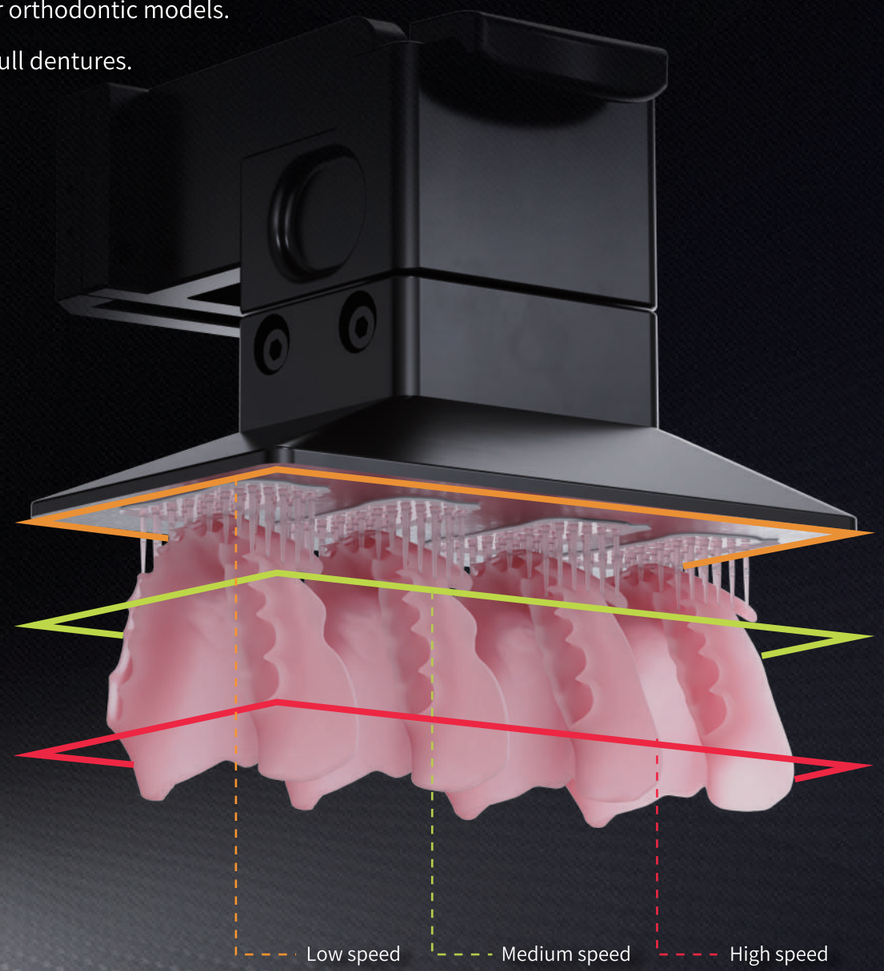
Three print speeds for optimal results.

Maximum print speed of **72mm/h**.

30 minutes for implant models.

15 minutes for orthodontic models.

1.5 hours for full dentures.



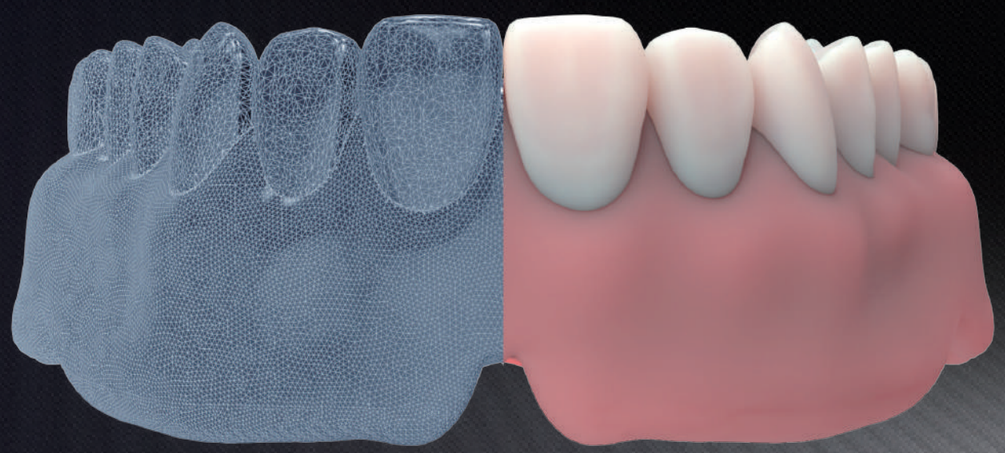
ACCURATE PRINTING

97% print consistency across multiple batches.

Application-oriented development strategy

Easy reproduction of complex case designs

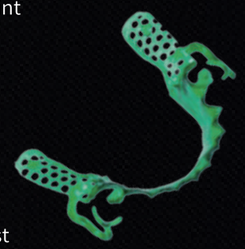
Consistant print results



*All of the above data is from Aidite's 3D printing lab.

COMPREHENSIVE DENTAL APPLICATIONS

Splint



Cast

Implant&Restoration Model

Surgical Guide

Composite Ceramic Crown

Temporary Crown&Bridge

Orthodontic Model

Veneer

Denture

Try-in

Gingiva

ORAL SCANNER INTERCONNECTION

The oral scanner can be interconnected with Aidite Dental slicing software to **help users facilitate the printing of dental models.**

Aidite Dental Slicing Software

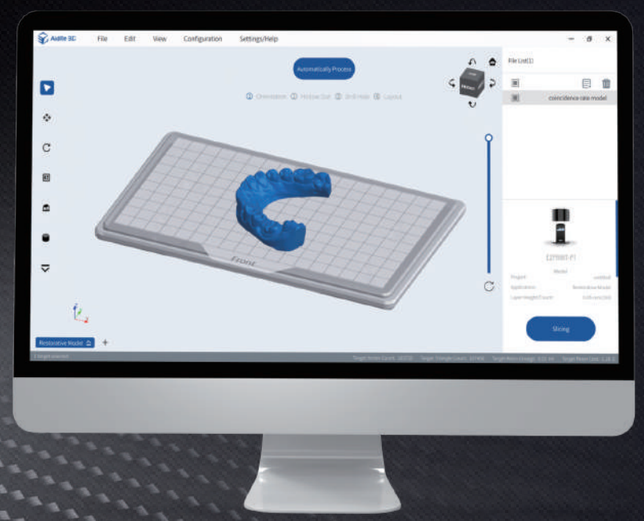
Automatic Processing

Specifically designed for dental 3D printing
Guided flow operation, easy to use.

One-click model printing
Fully automated orientation, layout, add support and hollowing of dental models in one click.

From processing to saving
High speed slicing software.

Intelligent risk identification function
It supports model error detection, closed cavity detection, collision detection and overhang detection to ensure the success rate of printing.

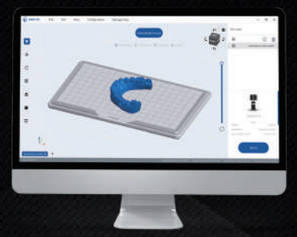


PROCESS

Aidite provides a cloud design service, where professionals design the case data and provide users with print files that meet their actual needs.
Achieve from mouth scanning to final denture wear **the same day**, greatly shortening the delivery time to patients, improving turnover patient rate.

1 Scanning

2 Aidite Cloud Design



3 Slicing

4 Printing

5 Post-processing

6 Delivery