Huvitz
Re:define, Re⁺create

A new standard
for dental 3D printer

High-speed adaptive lithography 3D printer
51 µm high-resolution of optical engine using
high-efficiency LED

HUVITZ

Overview

Home

3D Print

Tool

System

ON

24°C

VAT

Plate

🕐 Latest Print →

Name
go32.3D

Date
21.11.02

Run time
00:10:30

3D Print

→

Excellent precision with proprietary technology

- Developed a patented lens that enhances optical straightness and minimizes distortion, ensuring quality equal to or higher than quality of DLP printers.

- Using Huvitz's proprietary 3D printer technology (adaptive lithography), the brightness of each cell is automatically corrected at each printing to improve precision.

- Excellent precision on the Z axis.

High durability of panel

- Due to high light transmittance, it prints fast and due to low accumulation of ultraviolet light, ensuring high durability of the panel.

- After checking the usage of each cell with SMART EXPOSURE POSITION technology, it is placed in the least printed area and printed in an even area, greatly improving the panel usage time.

- Application of simple panel replacement system.

Reinforcement of stability with various convenience functions

- Leveling-free structure allows continuous use with one setting when installed.

- Minimize output failure rate even when the platform is not set.

- Optimized temperature for printing is maintained with automatic temperature compensation function, maximizing the success rate of printing.

- The PTC thermometer is installed so that the status can be checked and controlled from the main body, minimizing the failure of printing due to the surrounding environmental factors.

3D Printer

Curing

Specification

3D Printer

Pixel Size X/Y	51 μm	UI Display	7inch Touch
Build Size X/Y/Z	122 × 75 × 125mm	Machine Size	300 × 300 × 380mm
Light Source	405nm, Arrayed LED	Machine Weigth	20Kg
Z Resolution	10 μm ~ 200 μm	Power	24V DC / 6.25A
Material System	Open Material	Slicer S/W	Freeware
Print Method	Adaptive MSLA	LED control method	Individual adjustment of LED power and auto-calibration
Buld Plate Type	Leveling Free	Temperature control	Auto-temperature control of PTC Fan method

Curing

Type	UV LED
Machine Size / Weigth	275 × 275 × 300mm / 8.5Kg
Stage	Turn Table (360°)
Curing Size	Ø150 × 110mm
Light Source	225W UV LED
Control Type	Touch Screen
Cooling System	Air Cooling

Specification and design are subject to change without notice.