



# *Focus 8.9*

*Digitalized Dental Production*

**Precise · Portable · Speedy · Stable**



## Wider Application

Equipped with the newest intelligent manufacturing technology developed by Flashforge, Focus 8.9 has been improved immensely in printing size, precision and stability, and is now available for various applications like orthodontics & prosthetics in stomatology.



Implant Surgical Guide



Tray



Model  
(Full Ceramic Crown)



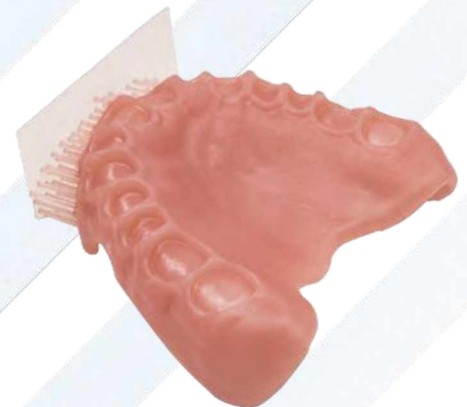
Focus 8.9



Fixed Restoration



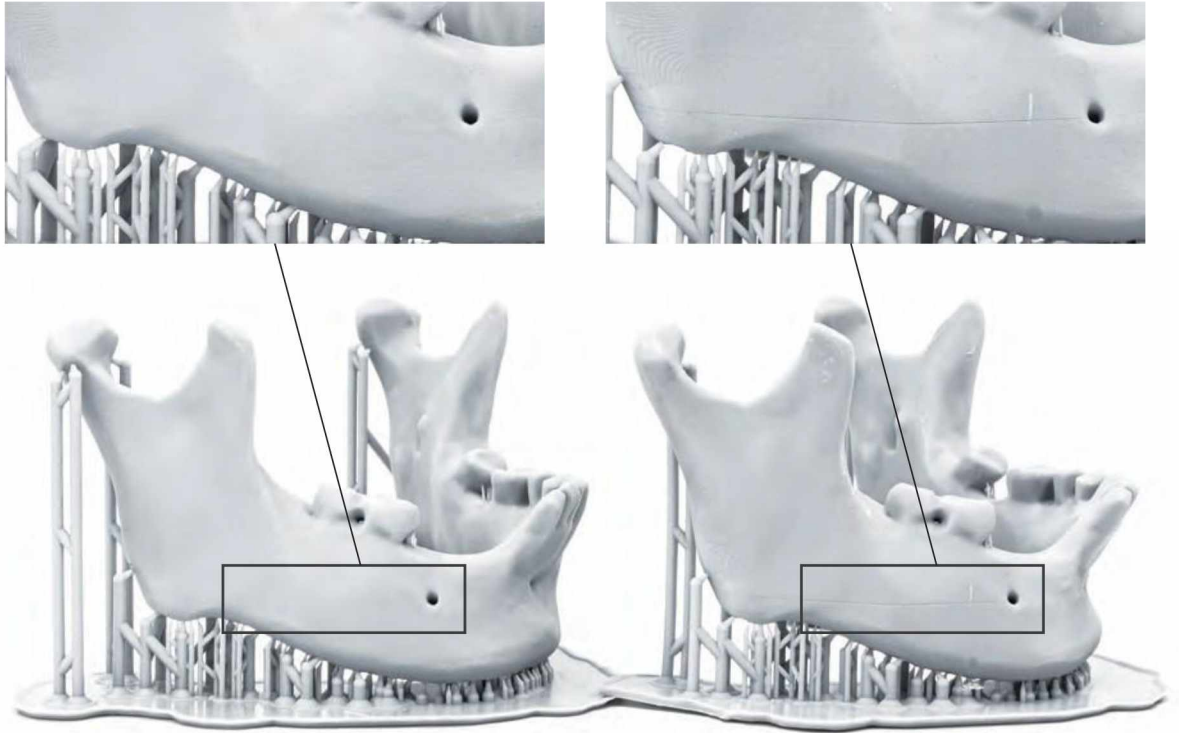
Night Guard



Denture Base

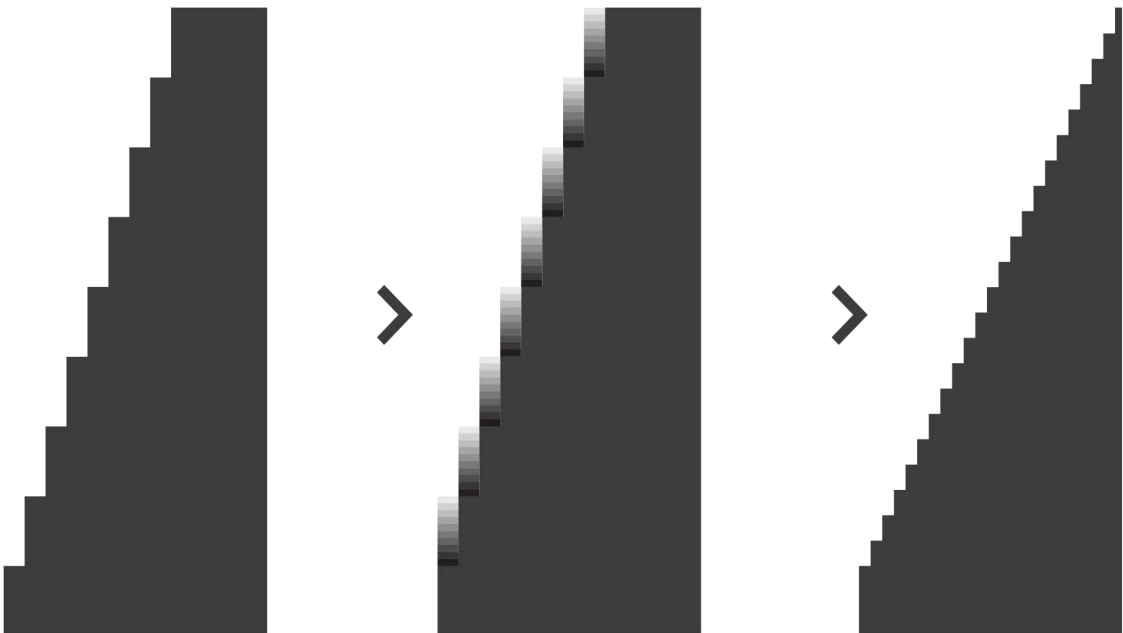
# Better Printing Quality

The Z-axis motor system allows the device to have stabler & finer printing performance, as well as service life twice that of common rod motor.



Focus 8.9 Print

Common Rod Motor Printer Print



## Subpixel Compensation

With the subpixel compensation algorithm developed by Flashforge, the prints boast smoother surface texture and higher printing accuracy.

## Stabler Printing Performance

The optical engine system developed by Flashforge allows the difference in energy distribution to be less than 10%. In this way, more than 90% of the print is promised in its accuracy and success rate is improved by 30%.

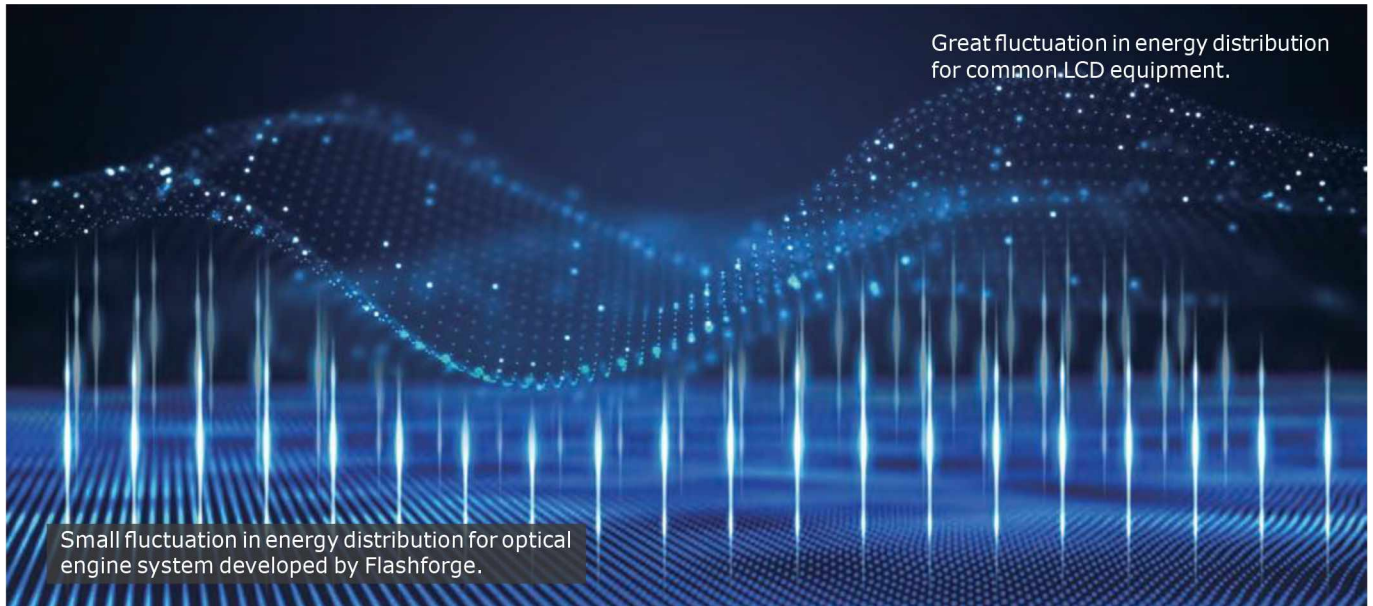
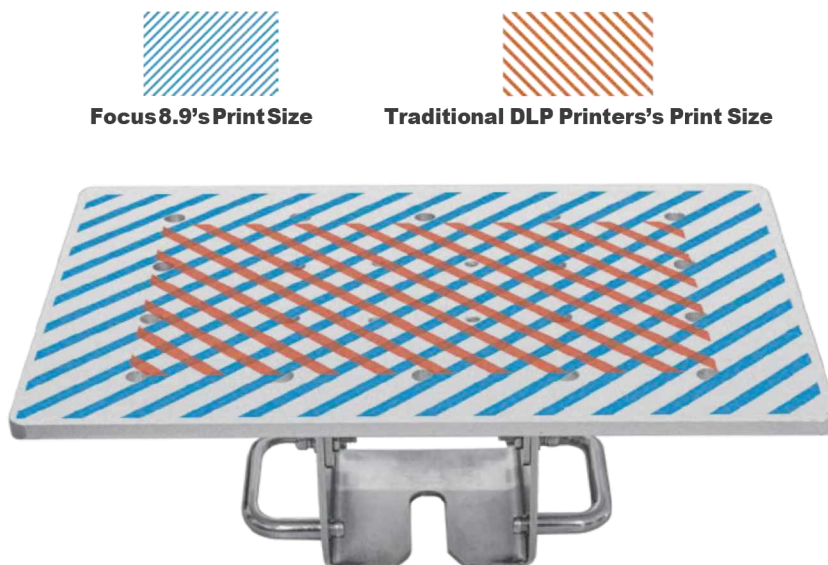


Diagram of energy distribution

## Increased Output

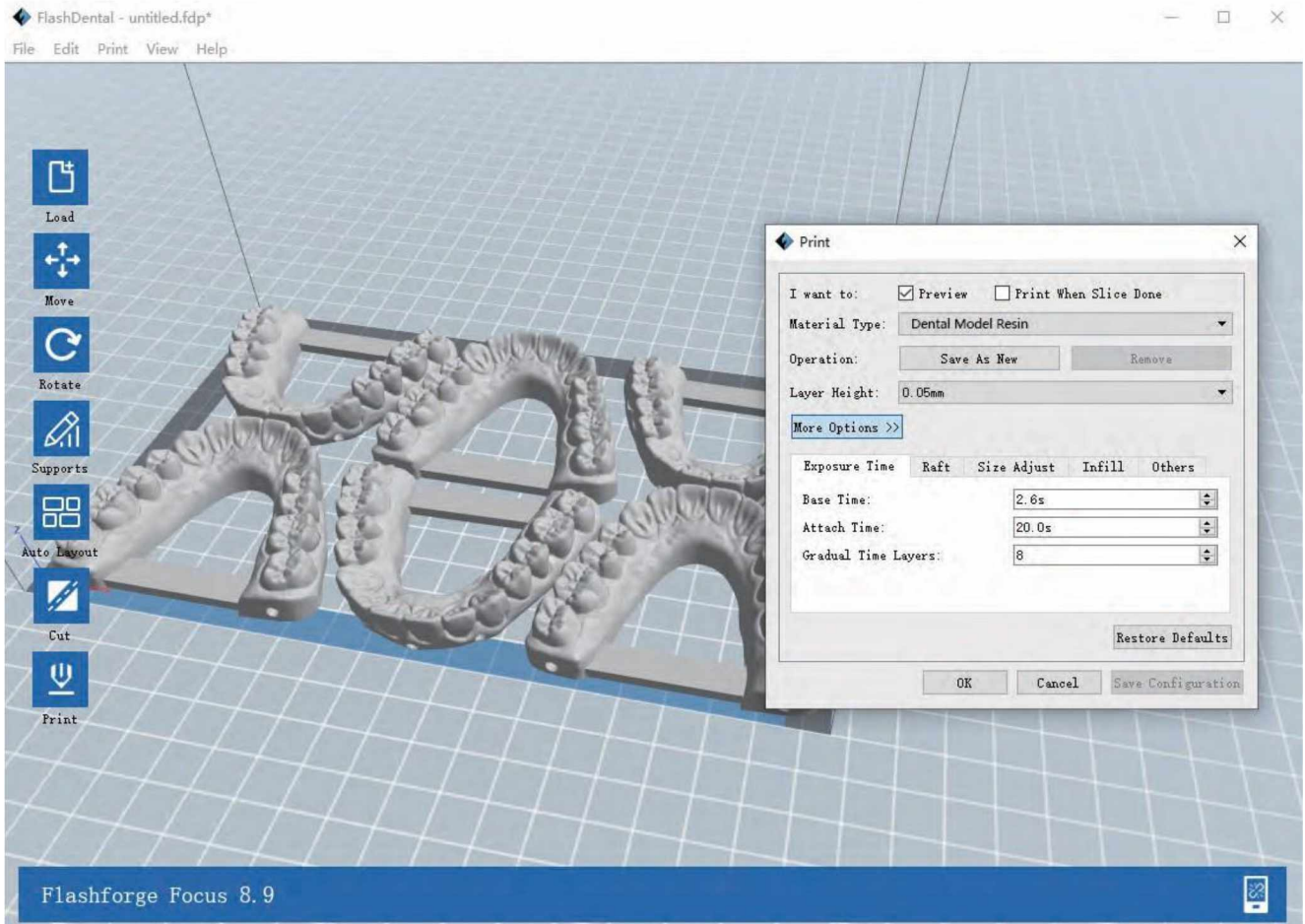
Focus 8.9 has 97% more print size than traditional DLP printers and can print twenty-one orthodontic dental models at once, twice that of common output.





## Easier Operation

**When importing oral scanning data(stl.), the software will recognize this file, rotate oral scanning dental models first, keep the teeth straight up or down. Click dental model with right mouse to generate dental base.**



## Perfected Solutions

**For customers having dental problems, we have a multitude of cases and solutions, where material science & dental experts work out various problems at most considerate service. The device is also compatible with dental resin from common brands.**

**NextDent**

**DETAX**

Dreve

 **dentona**

# Specifications

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<b>Print Speed</b>	<b>10-50 mm/H</b>
<b>Build Volume</b>	<b>192*120*200 mm</b>
<b>Layer Height</b>	<b>0.025-0.2 mm (Adjustable)</b>
<b>XY Resolution</b>	<b>0.05 mm</b>
<b>Wavelength</b>	<b>405 nm</b>
<b>Z-axis</b>	<b>Industrial Linear Guide + Ball Screw</b>
<b>Projection Screen</b>	<b>8.9-inch 4K Monochrome Screen</b>
<b>Build Plate</b>	<b>Sandblasting (Increased Adhesion) &amp; Drilling (Facilitate Drainage)</b>
<b>Vat Capacity</b>	<b>0.5L</b>
<b>Connectivity</b>	<b>USB</b>
<b>Rated Power</b>	<b>320W</b>
<b>Printer Dimension</b>	<b>300*300*536mm</b>
<b>Touch Screen</b>	<b>3.5" Touch Screen</b>



## **3D Ecommerce Limited**

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