

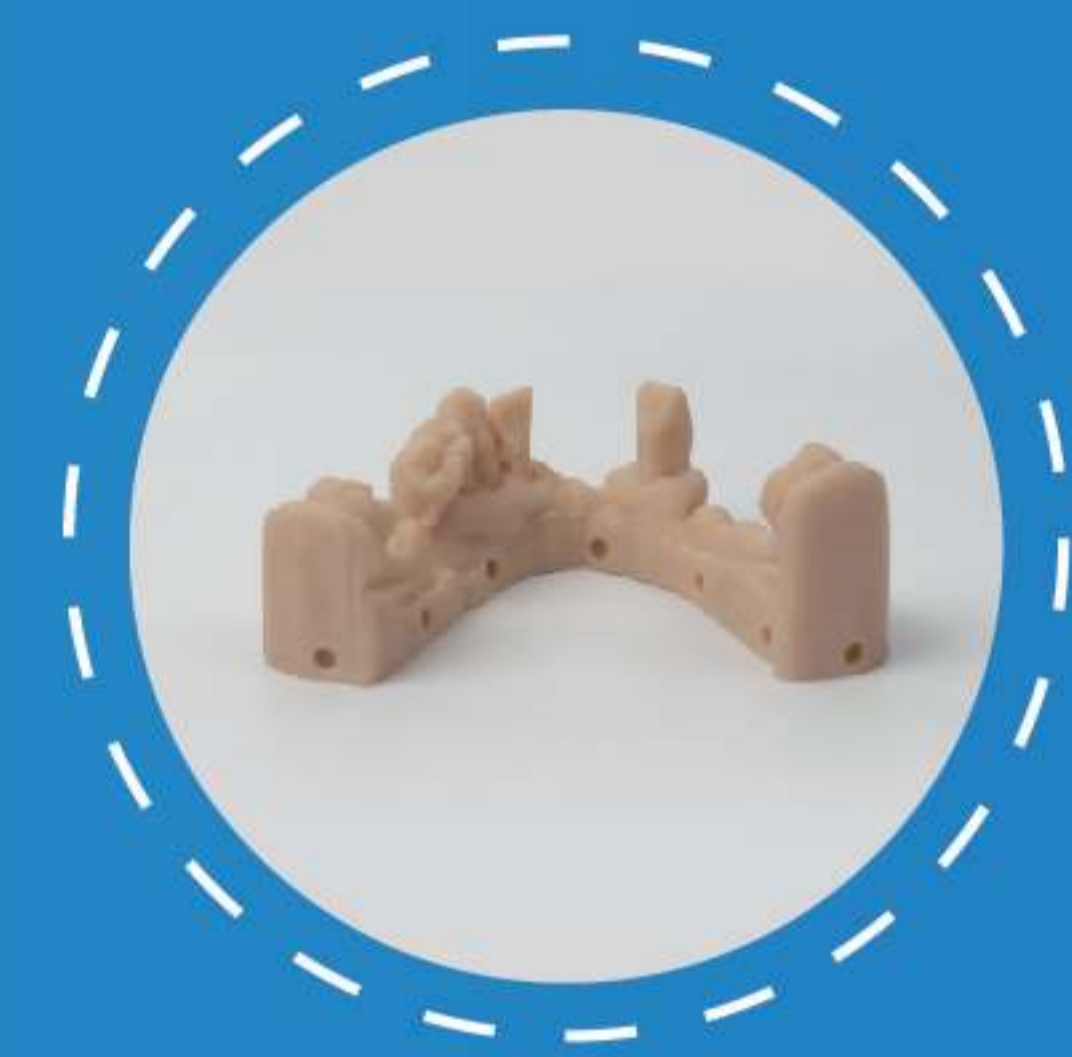


CHAMLION

Shape Confidence Innovate the Future

# NCL-LionForm Max

## Dental-Specific LCD 3D Printer



Enhanced Light  
Uniformity



Superior Precision



Larger Printing Area



# NCL-LionForm Max

## 01 Product Advantages

- **Enhanced Light Uniformity**

Utilizes an integrated Fresnel lens light source, ensuring perpendicular light projection onto the LCD screen for high imaging fidelity and uniform light power distribution.

- **Superior Precision**

Capable of high-precision printing of standard dental models within a  $\pm 50\mu\text{m}$  accuracy range. The printed models feature smooth, streak-free surfaces with fine details. With high uniformity calibration, the restoration accuracy of re-scanned models can exceed 90%.

- **Larger Printing Area**

13.6-inch display with a 298\*165mm printing area, delivering high printing efficiency. Supports up to 7.5 full-arch dental models or 12 quadrant models in a single layout. Fast printing speed: A 17.5mm-high dental model can be printed in just 70 minutes (0.05mm layer thickness).



## 02 Technical Parameters

Item	Parameter
Forming Dimensions	298*165*80mm
Resolution	6480*3600 P
Pixel Size	46*46 $\mu\text{m}$
Layer Thickness	25 $\mu\text{m}$ -150 $\mu\text{m}$
Data Interface	.stl
Light Source Wavelength	405NM COB
Touchscreen	4.3-inch Touchscreen
Transmission Methods	USB drive, Wi-Fi, Ethernet
Power Supply	220W 50Hz
Total Power	500W
Equipment Size	452*350*575mm
Equipment Weight	45kg

\*All the description and specification aforementioned are subject to Chamlion's final explanation

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