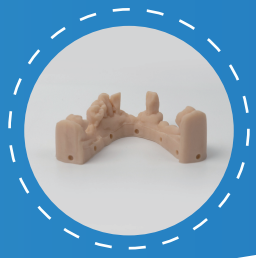
CHAMLION

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 ±50μm 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**
  Equipped with a 13.6-inch printing screen and a large build area of 298 mm × 165 mm, the printer supports high-efficiency production—capable of printing up to 18 half-arch C-type models or 30 quarter-arch models with articulators in a single run. Optimized for a 25.6 mm standard layer height in combination with proprietary resin and process parameters, the full print can be completed in just 90 minutes.

02 Technical Parameters

Item	Parameter
Forming Dimensions	298×165×80mm
Resolution	6480×3600 P
Pixel Size	46×46μm
Layer Thickness	25um-150um
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	425×350×568mm
Equipment Weight	45Kg

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

Nanjing Chamlion Laser Technology Co., Ltd.

Website:www.chamlion.com
TEL:+86(0)25-69598899 E-mail:sales@chamlion.com
Address:11F, Bldg 1, South Park, HQ Economic Park, 66 Fengzhan Rd, Yuhuatai, Nanjing, China