PioNext DJ68

9K LCD Dental 3D Printer

High-precision
Printing

6.8″ 9K
Printing Screen

LCD Integral
Light Source 3.0

PioNext
PioNext
PioNext
Print
Settings

Digital Solutions

Intraoral Data Collection

Interior/Lab Design

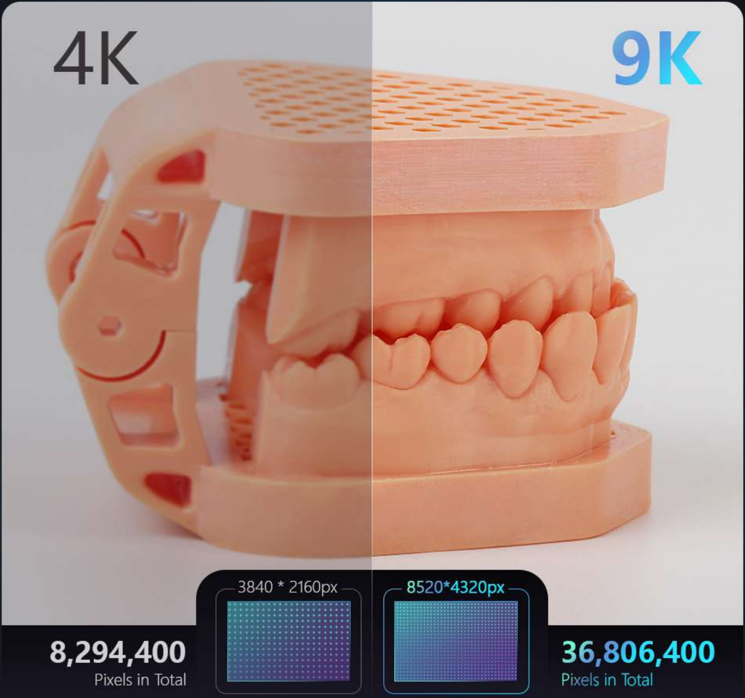
PioNext 3D Printing

Deliver

9K Ultra-clear Printing Screen

The PioNext DJ68 is equipped with a 6.8″ 9K ultra-clear LCD monochrome printing screen.
With 8520*4320px ultra-clear resolution and XY-axis accuracy of 18μm.
Capable of printing higher precision models with clearer surface details and textures.

8520*4320px	18μm	6.8″
Resolution	XY-axis Accuracy	Mono LCD Screen

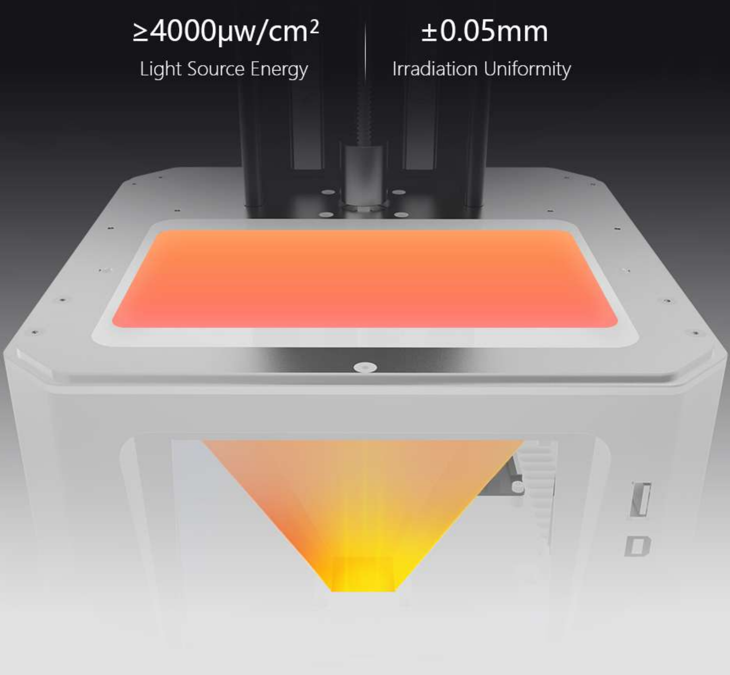

4K
9K
3840 * 2160px
8520*4320px
8,294,400
Pixels in Total
36,806,400
Pixels in Total

LCD Integral Light Source 3.0

The PioNext DJ68 is equipped with an advanced third-generation LCD integral light source system.
Possessing stronger light source energy, advanced optical design reduces light source energy loss.
The model error is smaller and the design prototype is restored.

≥4000μw/cm²
Light Source Energy

±0.05mm
Irradiation Uniformity



More Stable Printing Effect

Independently developed optical engine system,
the difference in energy distribution is less than 10%.
To ensure that the light uniformity reaches more than 90%,
and improve the printing success rate by 30%.
Ensure that the Goodness of Fit of each dental model printed
on the format is consistent.

Reduce screen heating and damage caused by bright areas.

The irradiation is obviously uneven

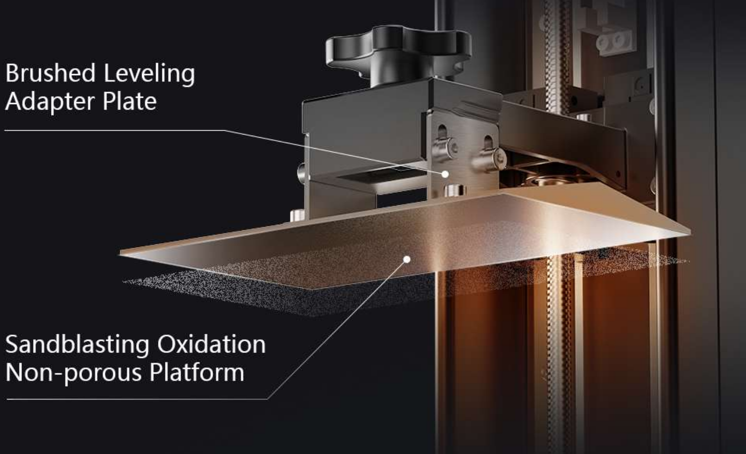
Ordinary matrix light source

Irradiation uniformity
90%+

LCD Integral Light Source 3.0

Leveling is Simple, Fast and Stable

PioNext DJ68 adopts sandblasted oxidation non-porous platform, the leveling adapter plate adopts brushed process. Multiply friction damping to achieve quick and precise leveling, securely locking the leveling state.


Brushed Leveling Adapter Plate
Sandblasting Oxidation Non-porous Platform

More Experience Details

LCD screen protective glass, more assured to use

Covers the entire LCD print screen.

Good sealing, anti-scratch, anti-resin leakage.

Fully protects the print screen.

Supported printing methods

Suitable for different usage scenarios.

WIFI

USB

Quick-release printing platform

Front knob design

Directly remove the platform plate

Easy to take out the mold.

Next-generation operating system

5-inch horizontal screen,
new system,
friendly and fast interaction.

PioNext
Print
Settings

Rich Ecosystem
Enjoy Official Support

PioNext DJ68 has an open system that can be compatible with more third-party materials

UV02

HIGH SPEED
UV CURING MACHINE

Curing time can be reduced to 3 minutes or less.

Six-sided light panels provide all-round illumination.

365/385/405mm multi-band independent control.

WARNING
5032
00945
PioNext
ULTRASONIC CLEANER
Heating
Degas
Normal
Pulse
AUTO

CD-X3
Ultrasonic Cleaning Machine

PioNext
Dental Casting Resin
PN-Cast
Cherry Red
Photopolymer UV Resin
1 Liter
Shake Before Use

PioNext Dental Resin

High Speed
Release Film

Resin Vat

LCD Monochrome
Screen

It is recommended to use PioNext official dental resin

Lower Viscosity | Higher Accuracy |
Environmentally Friendly Formula | Official certification

Professional Applications

Excellent choice for light-curing dental models

Model	DJ68
Print Screen	6.8″ 9K ultra-clear monochrome screen
XY-axis Accuracy	18μm
Resolution	8520*4320px
Z-axis Type	Dual linear guide rails + T-shaped screw
Max.Print Speed	60mm/h
Print Layer Thickness	0.01-0.1mm
LCD Screen Life	2000h
Support Consumable Types	Dental model resin, Standard resin, High fidelity model resin, Hight hardness, High toughness, Biocompatible Resin, Castable Wax Resin.

Touch Screen	5-inch capacitive color touch screen
Printing Method	USB, WIFI
Software	Piocreat BOX（Win7/8/10 X64，MacOS)
File Format	cxdlpv4
Languages	English, Chinese, German, Spanish, French, Italian,Netherlands, Japanese, Korean,Polish, Portugal, Russian, Turkish
Rated Voltage	100-240V~, 50/60Hz
Rated Power	70W
Printing Size	L153 x W77 x H160mm
Machine Size	L221 x W221 x H404mm
Package Size	L298 x W298 x H480mm