D158-Digital dental solution -DLP dental 3D printer

Texas Instruments digital micromirror technology, light engine provides light uniformity up to 95% .

Long service life

Higher uniformity

Smarter

20000⁺h

service life

PioNext
Print
Settings
PioNext

High speed
release film

Automatically
open upper cover

158×89×100mm
build size

Long service life
20000⁺h

Automatically open
upper cover

2560*1440 px
uniformity up to 95%

High speed release film
speed up the printing
and success rate

High printing speed
Max. 80mm/h

Wireless transmission
offline printing

Flash curing
Printing speed
is greatly improved

Bilinear slide rail
+ ball screw

Excellent material
compatibility

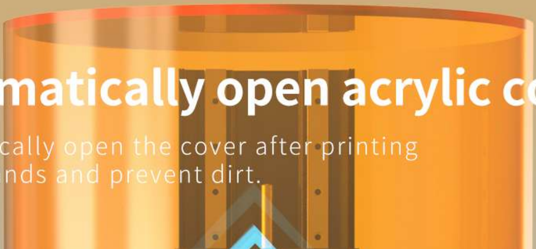
95% light uniformity

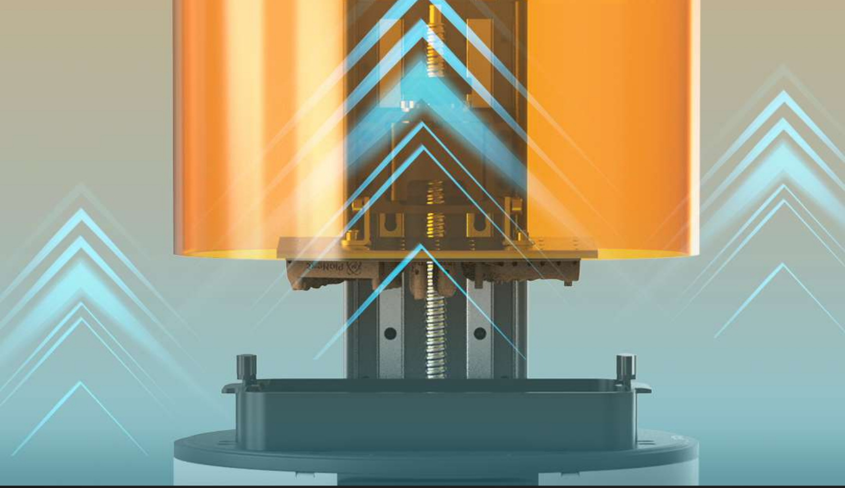
Fully meet all kinds of dental model printing, and can support small batch customized production.

All models are provided by PioNext Lab

Automatically open acrylic cover

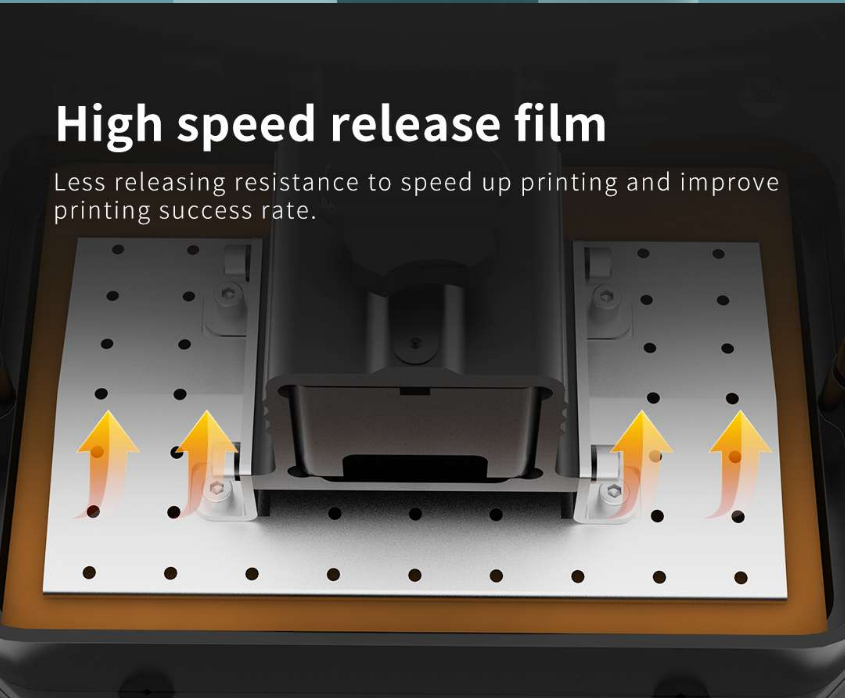
Automatically open the cover after printing to free hands and prevent dirt.





High speed release film

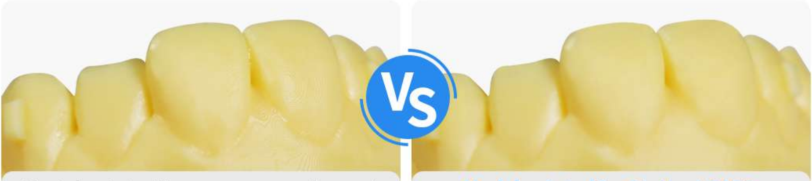
Less releasing resistance to speed up printing and improve printing success rate.



Capture data •• Interior/lab design •• PioNext 3D printing •• To deliver

Free printed models available

To check and feel printing quality of PioNext printers by yourself. Free models available.

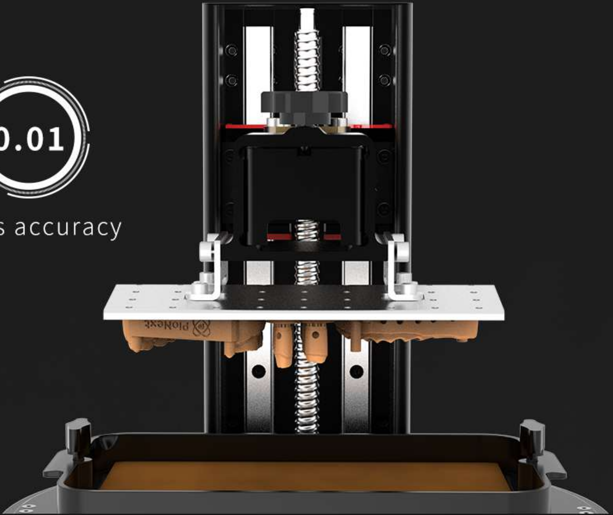


Model printed by common equipment

Model printed by PioNext D158

Stable Z-axis structure design

Dual linear guide rails and ball screws are applied on Z structure to provide more stable movement to print less layers and smoother surface models.



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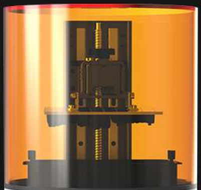
Z-axis accuracy

Wireless transmission Offline printing

Printing files will be saved automatically in the machine by built-in memory of motherboard for next print.

WIFI connected for convenient printing; After the U disk selects the file to be printed, the U disk can be unplugged.

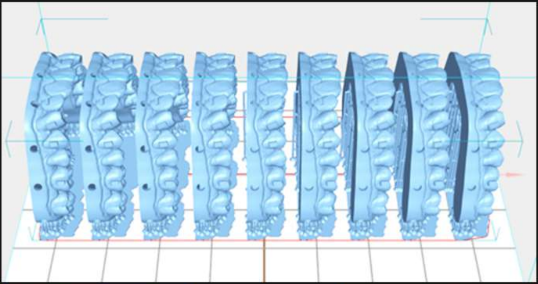


Wi-Fi

USB-A
USB-B
PioNext

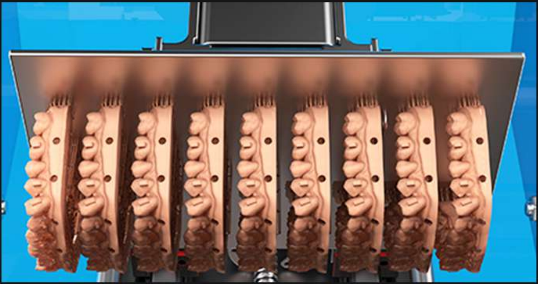
Easy to use

Printing process introduction



Step 1:

Model file slice



Step 2:

3D printing models

Step 3:

Cleaning and curing

PioNext
ULTRASONIC CLEANER

1. Ultrasonic cleaner
CD-X3

+

2. Multi-wavelength
curing box UV02

Wide range of applications

Fully meet printing requirement of dental, jewelry , prototyping and others.

Product parameters

DLP 3D printer supported by Texas Instruments core technology.

Model:	D158
Print size:	158x89x100mm
Machine size:	280x280x587mm
Packing box specifications:	350x350x657mm
Pixel Dimensions:	62μm
Maximum printing speed:	60mm/h
Print layer thickness:	0.01-0.1mm
Touchscreen:	5-inch color touch screen
Resolution:	2560*1440
Support consumables:	405nm dental, jewelry, washing and other photosensitive resin
Connection method:	USB/WIFI
Z axis type:	double linear guide + ball screw
Z-axis precision:	0.01mm
Rated power:	60W
Power cord standard:	National standard/American standard/European standard, etc.
Machine weight:	13KG
Gross weight of the machine:	15KG
Languages supported:	Support 13 languages, Chinese and English are preferred