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

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 save ink | High printing speed Max. 80mm/h | Wireless transmission offline printing | Flash curing resin, curing time is greatly improved | Bilinear slide rail + ball screw | Excellent material compatibility

95% light uniformity

Pioneer has unique advantages in optical module design, and can support smart batch customized production.

■ Models are printed by Pioneer UV

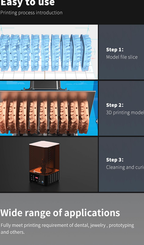
Automatically open acrylic cover

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

High speed release film

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

Capture data → Internet/lab design → Pioneer 3d printing → To deliver



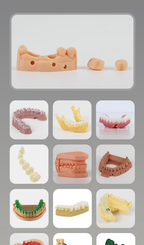
Free printed models available

CTs check and feel printing quality of Pioneer printers by yourself. Free models available.

Model printed by common equipment | Model printed by Pioneer D150

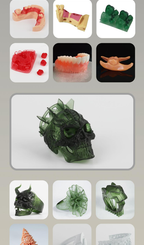
Stable Z-axis structure design

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



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.



Easy to use

Printing process introduction

Step 1:
Model file slice

Step 2:
3D printing models

Step 3:
Cleaning and curing

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:	D150
Print size:	158x89x100mm
Machine size:	285x390x587mm
Packing box specifications:	370x530x475mm
Pixel Dimensions:	0.061mm
Printing accuracy:	50μm
Maximum printing speed:	80mm/h
Print layer thickness:	0.025-0.1mm
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:	19KG
Languages supported:	Support 13 languages, Chinese and English are preferred

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.