3D PRINTING

UNIZ

WORLD'S FASTEST
DENTAL PRINTING SOLUTIONS

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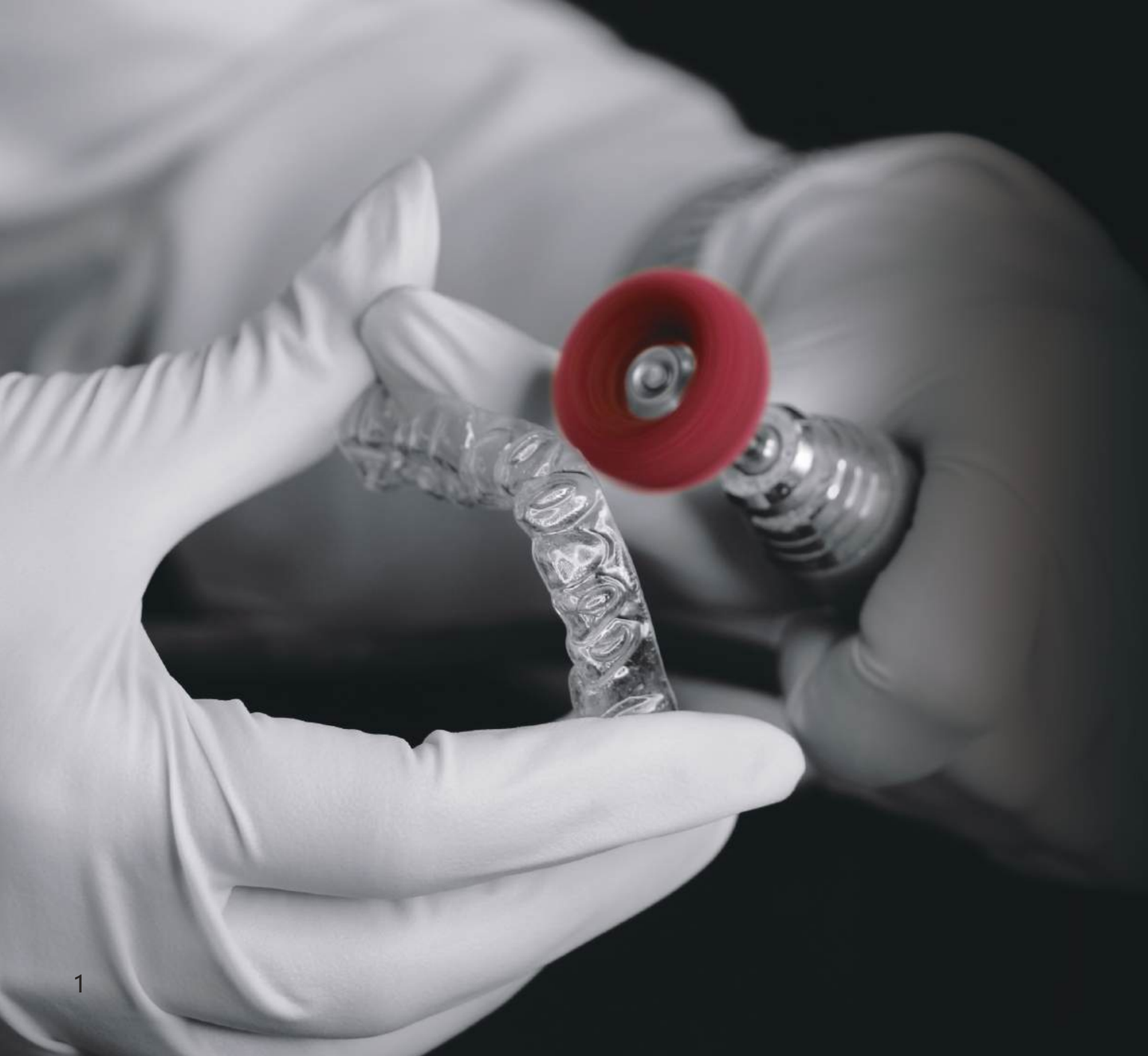
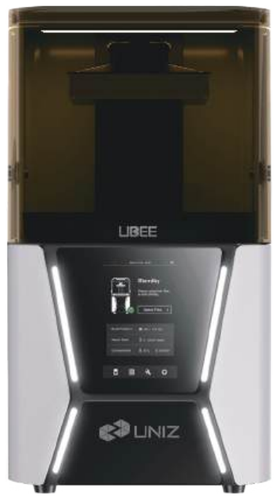


About UNIZ

UNIZ Technology is a cutting-edge high-tech enterprise dedicated to the research, development, production, and global sales of 3D printers and photosensitive resin materials. Headquartered in Beijing, with service centers in the United States and a manufacturing base in Guangxi, we have established a strong market presence worldwide.

As pioneers in MSLA technology, we excel in software, hardware, and materials, supported by 40 core patents. Our proprietary materials, which have received CE and FDA approvals, ensure exceptional performance and safety. UNIZ 3D printers provide versatile applications for dental practices and labs, enabling in-house production of surgical guides, splints, try-in and die models, clear aligners, full dentures, and more.

We are committed to enhancing clinic efficiency through meticulously engineered, workflow-driven solutions that meet the diverse needs of modern dental practices. Our robust portfolio features state-of-the-art technology, a wide range of materials, and seamless printing ecosystems to elevate dental care.



UBEE

WORLD'S FASTEST DESKTOP DENTAL POWERHOUSE

- **UNPARALLELED SPEED**
- **HIGH PRECISION**
- **STABILITY & RELIABILITY**


Orthodontics Model


Tray


All-on-X


Gingiva


Crown


Surgical Guide


Removable Die Model


Temporary Bridge


Wax Crown


Try-in

DESCRIPTION		SPECIFICATION
PERFORMANCE	Printing Technology	Masked Stereolithography (MSLA)
	Build Volume	198 × 124 × 180mm
		7.8" × 4.9" × 7.1"
	XY Resolution	34μm
	Maximum Accuracy*	±10μm
	Layer Thickness (Z Resolution)	10~200 μm (25, 50, 100 μm recommended)
	Separation Mechanism	Patented low force stereo peeling technology
		Micro-stereo composite peeling structures Unit (MPS)
	Support	Uniz smart support technology
	Printing Speed**	8 dental models in 5 minutes
HARDWARE	Dimension / Weight	383 × 425 × 712 mm [W×H×D]
		15.1" × 16.7" × 28"
		34KG / 75LB
	Operating Temperature	18~28° C (64~82° F)
	Power Requirement	110V 6A / 220V 3A
		60 Hz / 50 Hz
	Optical System	5th Generation Collimated Light Source
	Mechanical	Injection Molding & CNC, Sheet Metal
	Connectivity	USB Flash Drive, Wi-Fi, Ethernet
	Control Pannel	7" Touch Screen
	Slice Format	zslr

* Maximum accuracy is only achievable at integer multiples of smallest pixel sizes.
** The printing efficiency is based on the test model, it may differ from one to another.

NBEE

WORLD'S FASTEST DENTAL 3D PRINTER

WORLD RECORD SPEED
6 dental models in 5 minutes

STATE-OF-ART ACCURACY
±50μm, up to 95.87%
±100μm, up to 99.91%

OPEN MATERIAL SYSTEM
100+ dental resin compatible


Orthodontics Model


Tray


Night Guard


Gingiva


Surgical Guide


Removable Die Model

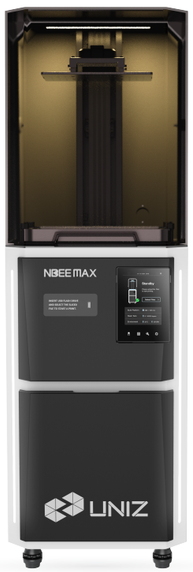

Temporary Bridge


Wax Crown


Try-in

	DESCRIPTION	SPECIFICATION
PERFORMANCE	**Printing Technology**	Masked Stereolithography (MSLA)
	Build Volume	192 × 120 × 180 mm 7.5" × 4.7" × 7.1"
	XY Resolution	49.8 μm
	Maximum Accuracy*	±10 μm
	Layer Thickness (Z Resolution)	10~200 μm (50, 100 μm recommended)
	Separation Mechanism	Micro-stereo composite peeling structures
	Support	Uniz smart support technology
	Printing Speed**	6 dental models in 5 minutes
STRUCTURAL	**Dimension / Weight**	380 × 380 × 1230 mm [W×L×H] 15" × 15" × 49" 60 KG/132 LB
	Dimension/Weight (Including packaging)	490 × 490 × 1300 mm [W×L×H] 20" × 20" × 51" 65 KG/144 LB
	Operating Temperature	18~28° C (64~82° F)
	Power Requirement	110V/60Hz 6A 220V/50Hz 3A
	Optical System	4th Generation Collimated Light Source
	Mechanical	Cast Aluminum & CNC, Sheet Metal
	Connectivity	USB Flash Drive, Wi-Fi, Ethernet
	Control Pannel	7" Touch Screen

* The indicators are obtained with specific testing models and may vary among different ones.
** Speed achieved with 6 standard aligner models sliced at 100 microns.



NBEE MAX

NEXT-GENERATION INDUSTRIAL LARGE SCALE 3D PRINTER

- HIGH THROUGHPUT
- ULTRAFAST
- HIGH PRECISION
- INTELLIGENT AND RELIABLE

NBEE MAX, the next-generation industrial 3D printer, is designed for dental and industrial applications. With efficient printing performance, users can quickly produce a large volume of detailed parts. Powered by our Masked Stereolithography (MSLA) Print Engine, it sets a new industry standard for speed, reliability, accuracy, and supports the widest range of performance 3D printing materials.

	DESCRIPTION	SPECIFICATION
PERFORMANCE	**Printing Technology**	Masked Stereolithography (MSLA)
	Build Volume	298 × 166 × 480mm 11.7" × 6.5" × 18.8"
	Printing Screen	13.6" 7K
	XY Resolution	46 μm
	Layer Thickness (Z Resolution)	10~200μm (25, 50, 100μm recommended)
	Separation Mechanism	Patented low force stereo peeling technology Micro-stereo composite peeling structures Unit (MPS)
	Support	Uniz smart support technology
HARDWARE	**Dimension / Weight**	490 × 430 × 1490 mm [W×H×D] 19.2" × 17" × 58.6" 70KG / 154LB
	Operating Temperature	18~28° C (64~82° F)
	Power Requirement	110V/60Hz 6A 220V/50Hz 3A
	Light Source	Matrix LED UV Light Tech
	Mechanical	Cast Aluminum & CNC, Sheet Metal
	Connectivity	USB Flash Drive, Wi-Fi, Ethernet
	Control Pannel	7" Touch Screen

UAir

Air Purification System

- Big Air Volume
- Effective Filter Cartridge
- Quietness
- Long Service Life
- Fan-speed Control
- Remote Control System

U Wash

Thoroughly wash 3D printed appliances in as little as 6 minutes (2 wash cycles).

Powerful ultrasonic driver guarantees tackiness-free surfaces.

- Tackiness-free in 6 Mins (2 Washes)
- Easy to Use
- IPA Saving

U Cure

Fastest LED post curing station with 120, 000mJ/cm² energy density and 90% uniformity, delivers tackiness-free surfaces and consistent accuracy for varies applications.

- Fully Cure Most Appliances in 1 Min
- Any Placement
- Easy Maintenance

UDetach 2.0

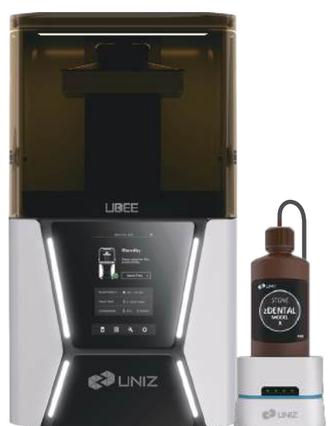
Detaching 26 Dental Models in just 20 Seconds

- Solid Metal Structure for Ultimate Durability
- One Click Start for Effortless Operation
- Ensure Safety with the Inner Protection Sensor
- Compatible with Multiple Models
  (Works Seamlessly with UBEE and NBEE Platforms)

U Feed

Automatic Feeding System

- Automatic Feeding
- Easy to Use
- Third-party Compatible
- Resin Usage Indicator
- Metal Construction



UBEE Resin Tank

Dimensions: 340 × 276 × 43.5mm
Applicability: UBEE
Film Material: ACF
Function: General Standard Resin Tank, featuring a single-layer ACF release film with low peel force.
Feature:
① Low release force
② Optimized for high-speed printing

UBEE Resin Tank Cover

Dimensions: 339 x 273 x 22.5mm
Applicability: UBEE
Material: PET
Function: Optimal Resin Housing for Seamless Resin Tank Integration
Feature:
① Dust and UV protection
② Designed for Efficient Space Utilization with Stackable Feature
③ Easy to use

UBEE Resin Tank (Mini)

Dimensions: 316 × 239 × 37mm
Applicability: UBEE (exclusive for build platform Mini)
Film Material: NFEP
Function: Tailored for restorative situations, specifically for bridge and crown applications. Coordinates with a small-sized build platform to minimize resin waste.
Feature:
① Small-scale printing
② Low release force
③ Reducing resin waste; suitable for dental applications such as crowns, all-on-X

UBEE Build Platform

Dimensions: 212 × 142 × 86mm
Applicability: UBEE
Material: Aluminum
Function: Universal Standard Build Platform, compatible with various types of resin printing, capable of printing 8 dental models in one go.
Feature: Diverse Applications in Dentistry

UBEE Build Platform (Mini)

Dimensions: 98 × 75 × 87mm
Applicability: UBEE (exclusive for resin tank Mini)
Material: Ceramic Platform
Function: Designed for restorative scenarios, particularly for bridge and crown applications. Utilizes a small-size build platform, works in conjunction with a customized resin tank, effectively minimizing resin wastage.
Feature:
① Reducing resin waste
② Suitable for dental applications such as crown and bridge

NBEE Resin Tank Cover

Dimensions: 285 × 213 × 14mm
Applicability: NBEE, NBEE H, NBEE D
Material: PET
Function: Optimal Resin Housing for Seamless Resin Tank Integration
Feature:
① Dust and UV protection
② Designed for Efficient Space Utilization with Stackable Feature
③ Easy to use

NBEE Resin Tank

Dimensions: 276 × 192 × 30mm
Applicability: NBEE, NBEE H, NBEE D
Film Material: NFEP/Double FEP
Function: General Standard Resin Tank, featuring a single-layer NFEP release film with low peel force.
Feature:
① Low release force
② Optimized for high-speed printing

NBEE Resin Tank (Mini)

Dimensions: 276 × 192 × 30mm
Applicability: NBEE (exclusive for bulid platform S)
Film Material: NFEP
Function: Tailored for restorative situations, specifically for bridge and crown applications. Coordinates with a small-sized build platform to minimize resin waste.
Feature:
① Small-scale printing
② Low release force
③ Reducing resin waste; suitable for dental applications such as crowns.

NBEE Build Platform

Dimensions: 200 × 130 × 71mm
Applicability: NBEE, NBEE H, NBEE D
Material: Aluminum
Function: Universal Standard Build Platform, compatible with various types of resin printing, capable of printing 6 dental models in one go.
Feature: Diverse Applications in Dentistry

NBEE Build Platform (Mini)

Dimensions: 75 × 75× 71mm
Applicability: NBEE
Material: Ceramic Platform
Function: Designed for restorative scenarios, particularly for bridge and crown applications. Utilizes a small-size build platform, and crown applications. Utilizes a small-size build platform, works in conjunction with a customized resin tank, effectively minimizing resin wastage.
Feature:
① Reducing resin waste
② Suitable for dental applications such as crown and bridge

Certified Materials Library for Dental Needs

Covering most Polymeric Applications of Orthodontics,
Prosthodontics and Implantation.

zDental Model X Stone

Die Model/Implant Model

FDA CE MHRA

zDental Model Z Tan

Aligner Model

FDA CE MHRA

zDental Model Z White

Orthodontic Model

FDA CE MHRA

zDental Model Z Beige

Orthodontic Model

FDA CE MHRA

zDental Model Z Almond

Orthodontic Model

FDA CE MHRA

zDental Model Z Gray

Orthodontic Model

FDA CE MHRA

zDental Model WW Gray

Orthodontic Model

FDA CE MHRA

zDental Splint Soft

Mouthguard/Splint

FDA

zDental Tray

Customized Tray

FDA CE MHRA

zDental Cast

Wax Crown & Bridge

FDA CE MHRA

zDental IDB Hard

Indirect Bonding Tray

FDA CE MHRA

zSG Clear

Surgical Guide

FDA CE MHRA

zDental Gingiva

Gingiva Mask

FDA CE MHRA

zDental Temp C&B

Temporary Crown /Bridge

Inlay/Onlay/Veneer

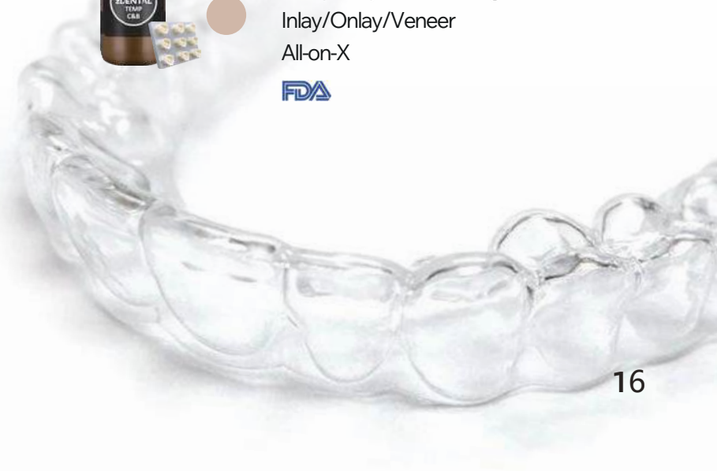
All-on-X

FDA

zDental Try-in

Denture Try-in Model

FDA CE MHRA



UNIZ Dental Software

Uniz Dental software enhances precision and efficiency in dental procedures

Conversion Capabilities
Trimming, filling, hollowing, drain hole, adding base, and text marking enable the conversion of oral scan data to dental models.

User-Friendly Process
The application-based process is simple and easy to use.

Intelligent Placement
Auto-orientation and auto-layout features ensure intelligent placement.

Risk Detection
The enclosed chamber (cup) and collision detection intelligently identify printing risks.

One-Click Printing
Eliminates complex procedures, making dental 3D printing more efficient.

Model-to-Platform Check
Instant model-to-platform check for seamless printing.

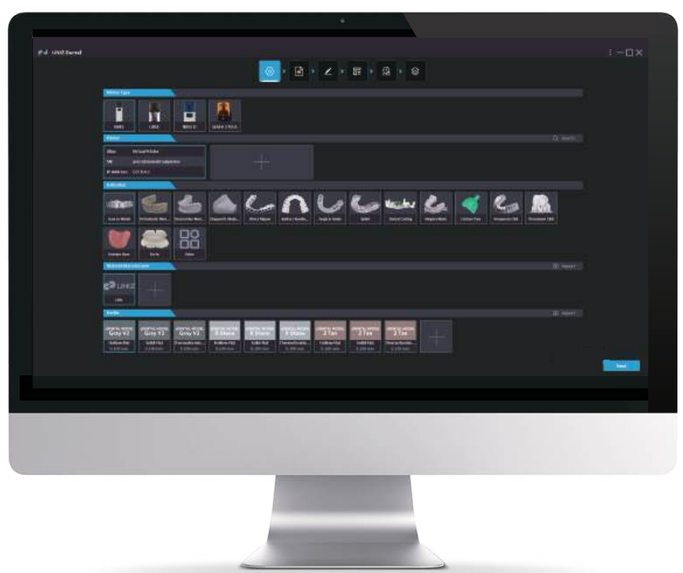
UNIZ Cloud

Revolutionize your printing process with our intelligent platform designed for workshops and labs

- Real-time task monitoring & management
- Visual data analytics for better scheduling
- Detailed printer status monitoring
- Instant task completion notifications

In-depth Integration with Leading Design Software

3shape · MEDIT · easyrx · BlueSkyBio · exocad · Runyes · AlliedStar



Trusted by Digital Dentistry Leaders

We are maintaining and extending trusting relationships with our partners worldwide, and focusing on providing most efficient solutions and best quality.

Certified & Seamlessly Integrated Third-party Partners

Certified by various resin suppliers, third-party resin partners provide validated products with advanced certifications suitable for Class II and III dental applications. The technology ensures seamless integration with leading design software for a comprehensive and efficient workflow.