

SHINING 3D  
DENTAL

# Aoralscan 3 **WIRELESS**

Intraoral Scanner

Scan Without Limits



reddot winner 2024



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SHINING3DDENTAL.COM

# WIRELESS EFFORTLESS LIMITLESS



## Go Wireless

Provides a more comfortable experience for dentist and patient without restraints from a wired setup.



## Fast and Stable

Built-in Wi-Fi 6 technology enables a seamless scan experience with fast and stable data transmission.



## Long-lasting Battery Life

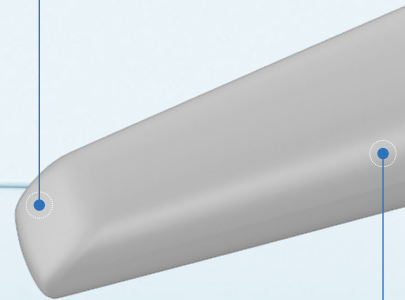
Up to **2 hours** of continuous scanning for each charge, with **3 batteries** included. Enjoy smooth scanning and a seamless workflow with a long battery life.

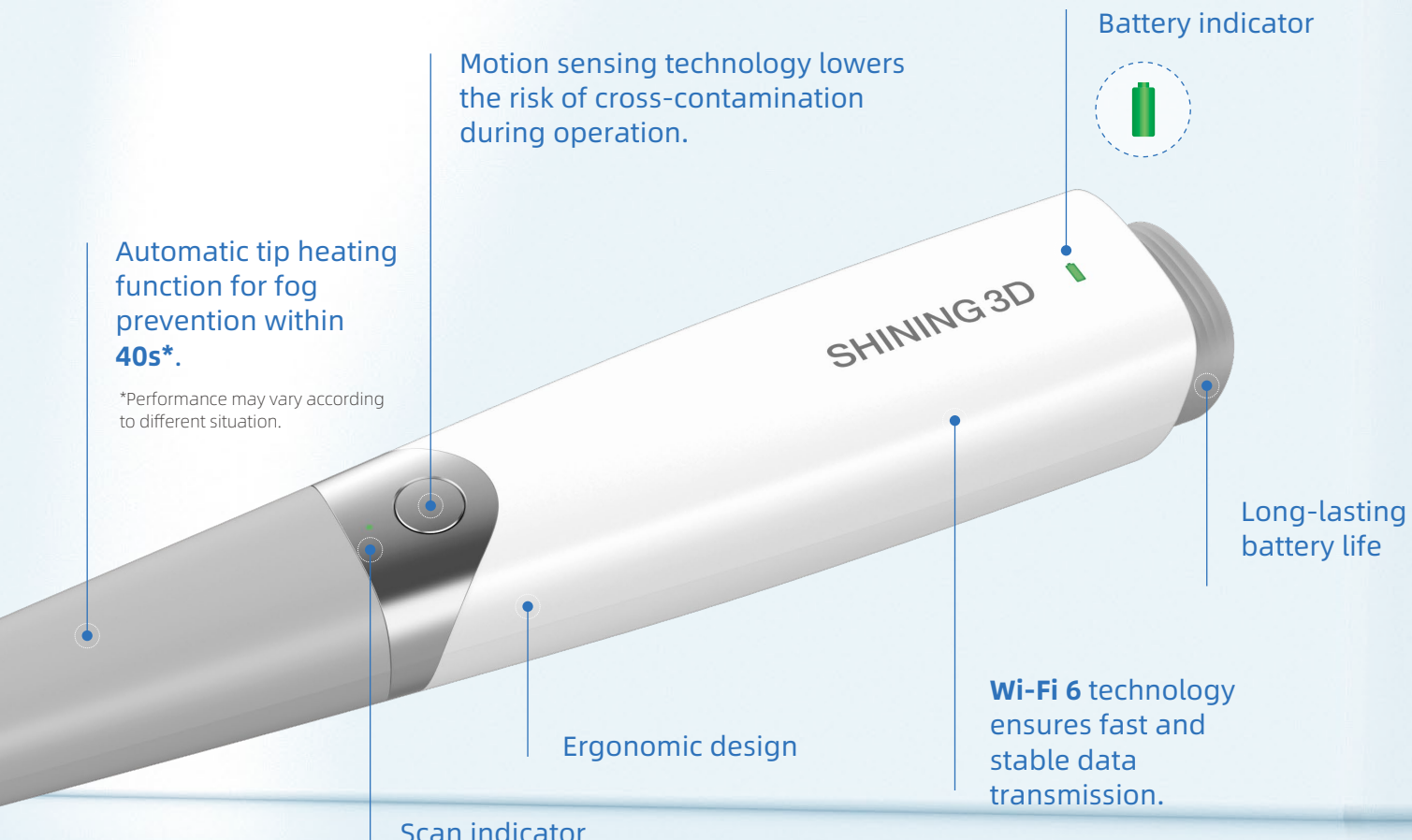


## Next-level Software Functions

Faster data post-processing speed. Self-developed, clinic-friendly functions, including Orthodontic Simulation, Model Creator, Temp Design, Indirect Bonding Tray Design, Oral Health Report and Data Track.

Autoclavable  
**100 times.**





Automatic tip heating function for fog prevention within **40s\***.

\*Performance may vary according to different situation.

Motion sensing technology lowers the risk of cross-contamination during operation.

Battery indicator



SHINING 3D

Long-lasting battery life

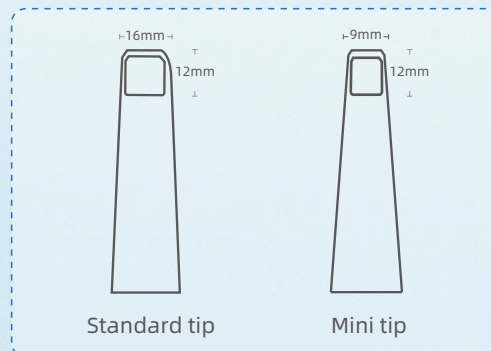
**Wi-Fi 6** technology ensures fast and stable data transmission.

Ergonomic design

Scan indicator



**Dual-size Tips**  
Adult and Pediatric



# AORALSCAN 3 GOES WIRELESS

- No constraints of cables. Enjoy the freedom of wireless scanning.
- Equipped with the latest Wi-Fi 6 technology, the Aoralscan 3 Wireless gives you the same fast scanning experience as a wired connection without lag.
- Aoralscan 3 Wireless provides reliable, consistent, and accurate scan output.

# WIRELESS

# LONG-LASTING BATTERY LIFE

Each scanner is equipped with **3 batteries** and a **charging hub** for non-stop scanning.

**2**  
hours

**2 hours** of continuous scanning.

**10**  
days

**10 days** under standby mode.

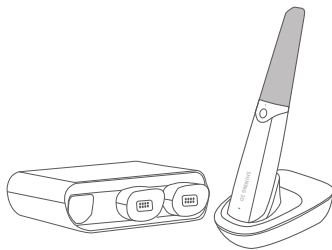
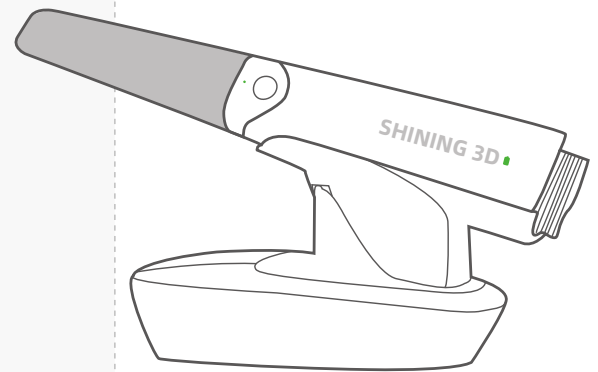
**2**  
min

One case scanning time: **2min\***  
(Maxillary + mandibular + occlusion)

\*Performance may vary according to different situation.

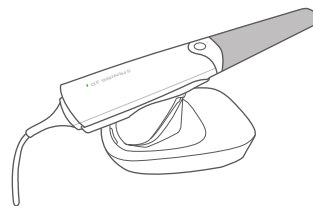
**60**  
cases

**1 charge** can be utilized for up to **60 cases**.



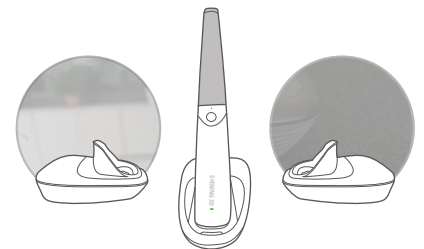
## Charging cradle

When finished scanning, you can put the Aoralscan 3 Wireless back onto the cradle to charge.



## Wired connection

Wired scan option is included as well.



## Multi-cradle adaptable

The scanner can adapt to multiple cradles. Pick up the device and switch between multiple chairs.





# POWERFUL SCAN

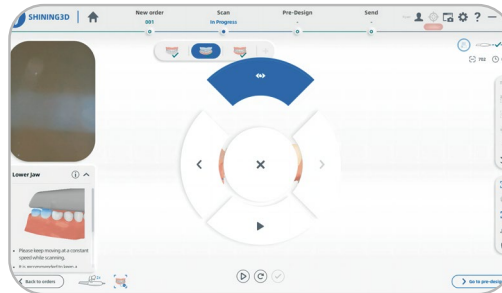
## AI Scanning

Automatically identifies and filters out miscellaneous data, resulting in a quicker and neater scan process.



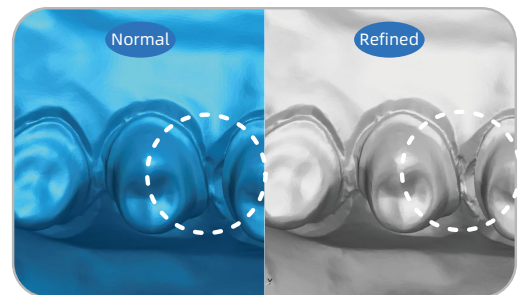
## Motion Sensing

Scans with minimal contact with computer, ensuring a safe and efficient scan experience.

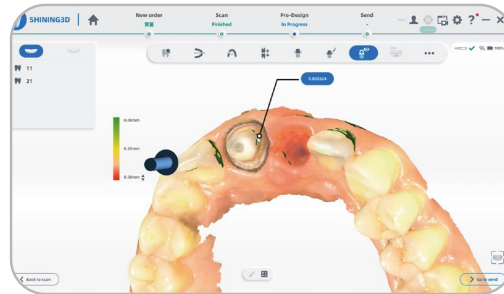


## Refined Scan

Refines the restoration area to help obtain clear margin data and more detailed surface data.

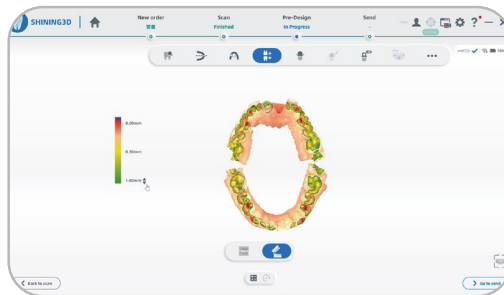


# NING ASSISTANCE



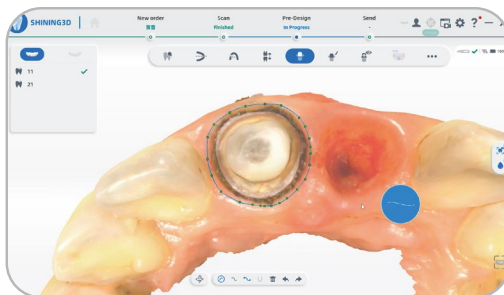
## Undercut Check

During the scanning process, the undercut value can be displayed for easy judgment by the dentist.



## Bite Check

Ensures accurate occlusal relationship for subsequent applications.

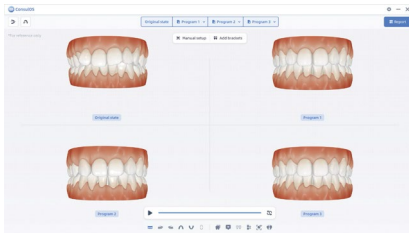


## Margin Line Auto Extraction

Allows quick identification of margin lines, which helps communication between dentist and technician.

# DENTAL TOOLKITS

The dental toolkits developed by SHINING 3D are user-friendly software that offers a variety of innovative functions specifically designed for clinical use. These tools range from ortho simulation to oral health reports, data tracking, crown and model design, splint, and IBT design modules. These provide clinics with increased flexibility and many possibilities for daily practice.



## ConsuOS

The ortho-treatment process can be simulated, and patients will be able to preview the post-treatment effect in advance.



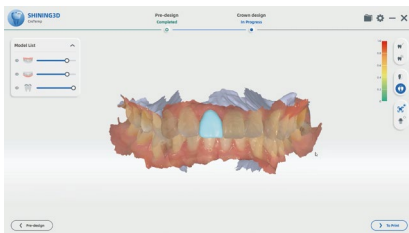
## MetronTrack

With the measurement and comparison functions, it helps improve dentist-patient communication efficiency and effectiveness by tracking patients' data.



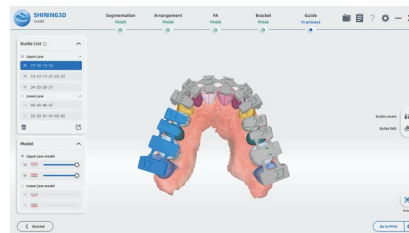
## CreSplint

A smart tool that allows users to design retainers or night guards automatically with minimum operation.



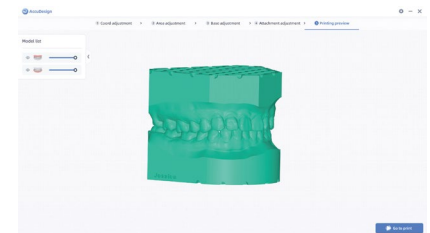
## CreTemp

Temporary crowns can be designed and printed in the clinic, reducing the patient's waiting time.



## CreIBT

Designs an indirect bonding tray, which can be directly 3D printed to help orthodontists attach brackets faster and more accurately.



## AccuDesign

Orthodontic or restoration models can be easily designed with AI for printing.

# SHINING 3D DENTAL CLOUD

## Optimal Dentist-Technician Collaboration

Standard and Unlimited - Seamless Collaboration between Dentists and Technicians  
Shining 3D Dental Cloud allows for data transfer and communication between dental clinics and labs.



### Dashboard

Visual data management center to assist institutional management.



### Data Assessment

Streamlines scan data confirmation process between dentists and technicians.



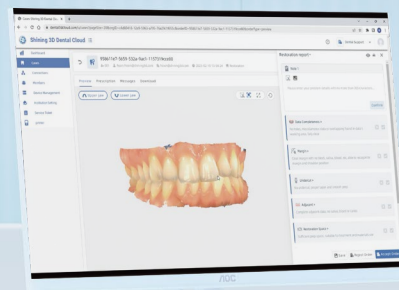
### Patient Management

Convenient tool to check patients' past medical records at any time.



### Printer Management

Monitors and manages the printers in real time to improve production efficiency.



# Technical Specifications

## Aoralscan 3 Wireless

Scan Field	Standard scanner tip: 16 mm × 12 mm × 22 mm Mini scanner tip: 12 mm × 9 mm × 22 mm
Scan Depth	-2mm to 20 mm from exit surface of tip
Scan Tip Sterilization	Autoclave 100 times 121°C 102.9kPa 30 mins 134°C 205.8kPa 4 mins
Scan Tip Heating	40s instant heating(Anti-fogging)
Scan Principle	Non-contact scanning with the structured light
Wireless Technology	Wi-Fi 6(802.11a/n/ac/ax)
Effective Wireless Range	Same room, up to 5m
Battery Life	2 hours of continuous scanning. 10 days standby mode
Dimension (L * W * H)	270(L)x50(W)x40(H)mm(includes battery, tip)
Total Weight	330±20g(includes battery, tip)
Output	STL, OBJ, PLY
Connector	USB 3.0
Power Input	12V DC/3A

### Recommended PC Configuration

CPU	Intel® Core™ i7-11700H / Intel® Core™ i7-10700F Minimum: Intel® Core™ i7-8700F / Recommend: Intel® Core™ i7-11800H
Memory	Recommend: 32GB
Hard Disk Drive	Minimum: 256GB SSD / Recommend: 2TB SSD
Graphic Card (GPU)	NVIDIA RTX 2060/2070/3060/3070/3080
Operating System	Windows 10/11 Professional (64-bit)
Display Resolution	1920 * 1080, 60Hz or higher
I/O Ports	More than 2 type-A USB 3.0 (or higher) ports

### Recommended MAC Configuration

PROCESSOR	Minimum: M2 (8-Core CPU, 10-Core GPU) Recommended: M1 Pro (8-Core CPU, 14-Core GPU) M2 Pro (10-Core CPU, 16-Core GPU) M1 Max (10-Core CPU, 24 or 32-Core GPU)
RAM	16GB or higher
Hard driver	SSD Recommended: 1T
Operation system	Mac OS: Ventura 13 or higher
Interface	At least one type-C