

SHINING 3D
DENTAL

Aoralscan Elite

WIRELESS NEO

Intra**O**ral **S**canner

Scan Without Limits



EN

SHINING3DDENTAL.COM

Wireless-Effortless-Limitless



Superior Scanning with Wi-Fi 6

Leverage the power of Wi-Fi 6 for a stable connection with a range of up to 5 meters and excellent anti-interference performance. Enjoy fast, reliable, and seamless scanning every time.



Effortless Transition

Our "place-connect" feature enables easy switching between charging cradles by simply placing the scanner onto another, ensuring uninterrupted workflows across clinic rooms. The scanner is always ready when you need it.



Extended Battery Life

A high-capacity battery provides up to 2 hours of continuous use, ensuring maximum energy efficiency and uninterrupted operation.



Stylish and Sophisticated Design

With a sleek, modern aesthetic, this scanner combines elegant design with outstanding functionality, offering users greater freedom and performance.

Lightweight and Ergonomic

At just **194g** with the battery, this is the lightest wireless scanner, designed for effortless handling and exceptional comfort.

194g



*Easily versatile scanner tips between the Aoralscan Elite Wireless NEO and Aoralscan Elite.

Smooth Scanning for Edentulous Cases

The big tip ensures a seamless scanning experience for edentulous patients.

Aoralscan Elite Wireless NEO adopts the big tip, which is larger than standard, to capture every detail of the edentulous patient's oral geometry with unparalleled clarity.

The high-resolution data received after the scan allows dentists to precisely evaluate soft tissue contours and identify any abnormalities within the oral cavity, ensuring high-quality results in edentulous cases.

Big Tip

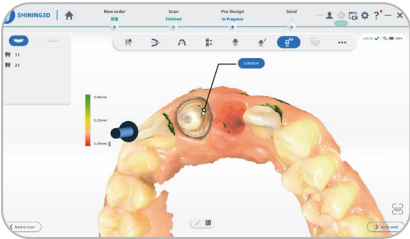


Outstanding Scanning Performance

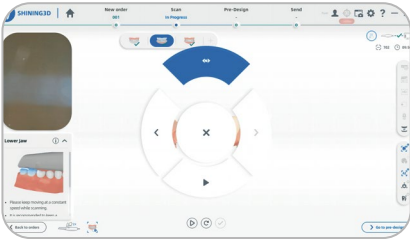
The Aoralscan Elite NEO software is equipped with numerous powerful tools to optimize the scanning process and enhance efficiency.



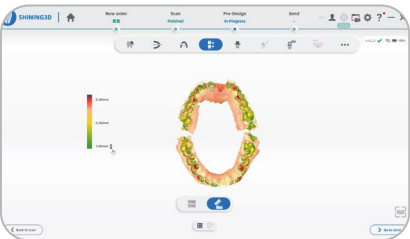
AI Scanning



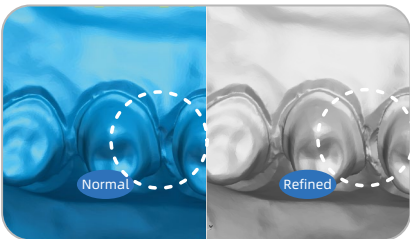
Undercut Check



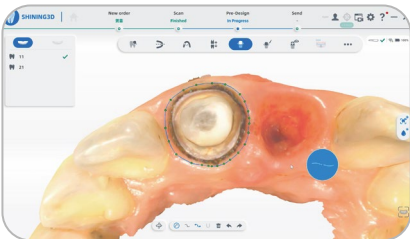
Motion Sensing



Bite Analysis



Refined Scan Mode



Margin Line Auto-Extraction

Extended Battery Life

A high-capacity battery provides up to 2 hours of continuous use, ensuring maximum energy efficiency and uninterrupted operation.



Multi-cradle adaptable

The scanner can adapt to multiple cradles. Switch the device with ease between different locations.

2
hours

2 hours of continuous scanning.

12
hours

12 hours in sleep mode then automatically will turn off.

2.5
hours

2.5 hours to charge the battery fully.

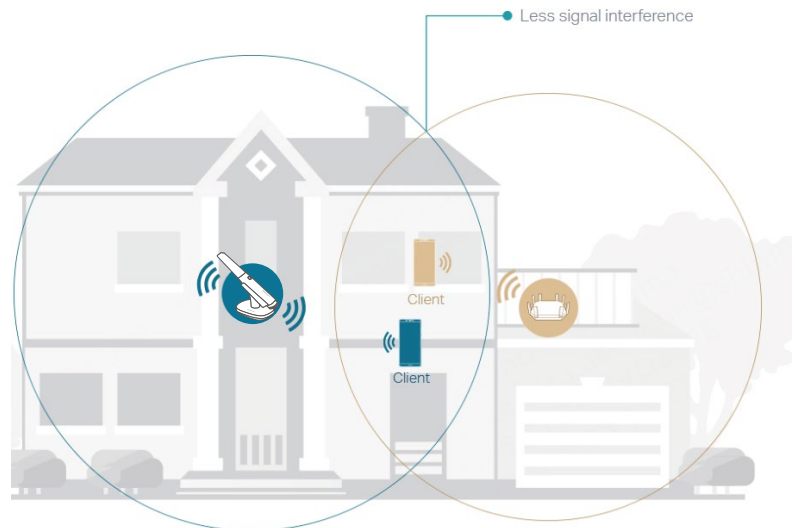


Wi-Fi 6 connection

Wi-Fi 6 expands the Wi-Fi band from 80 MHz to 160 MHz, doubling the channel width and creating a faster connection from your router to the device – all without buffering.

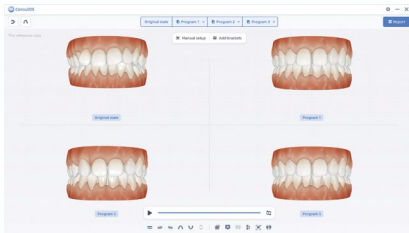
Interference from other wireless networks can cause issues with wireless signals. Wi-Fi 6 BSS (Base Service Station) Color makes the router ignore them.

This means that Aoralscan Elite Wireless NEO will be working without any interruption from other networks providing a stable connection for your scanning process.



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.



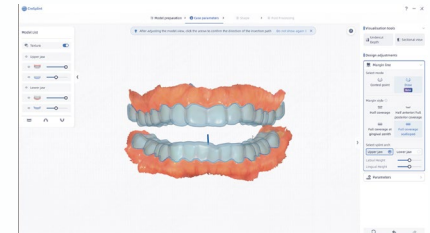
ConsulOS

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



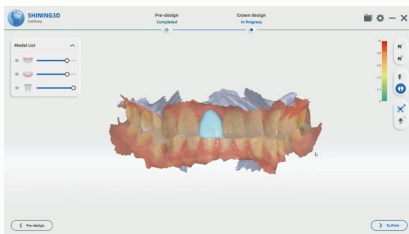
MetronTrack

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



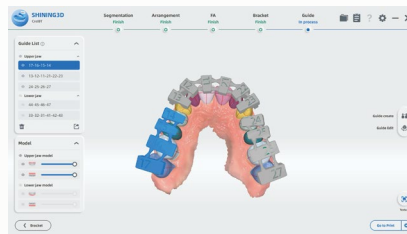
CreSplint

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



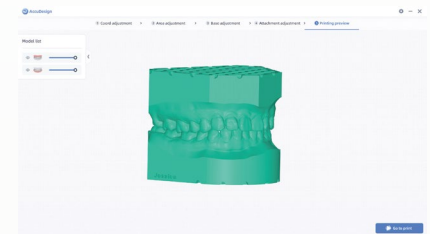
CreTemp

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 Design Service

An important component of SHINING 3D's end-to-end Digital Dental Solutions is the SHINING 3D Dental Design Service, where we offer customized design solutions ranging from dentures to implant crowns and surgical guides.



Comprehensive Design Categories

SHINING 3D offers end-to-end services for Prosthetics, Implants, Orthodontics, and Dentures, covering all dental needs.



Seamless Workflow

From scanning, and designing, to cloud slicing and 3D printing, SHINING 3D ensures an integrated, efficient workflow for you and your patients.



Fast Turnaround

Receive results within 2-4 hours with rush service; standard orders have a maximum turnaround time of 1 day.



3D Model Design Check

Verify designs with advanced tools, including thickness measurement, bite detection, and more.



Scan the QR code
to view video

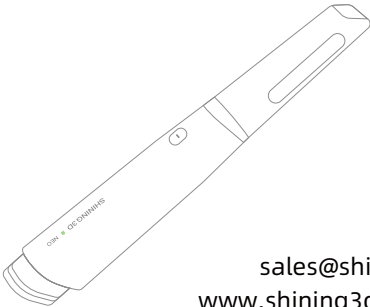
Technical Specifications

Aoralscan Elite Wireless NEO

Scan Field of Single Frame	Big scanner tip: 19mm × 14mm Standard scanner tip: 16 mm × 12 mm Mini scanner tip: 12 mm × 9 mm
Scan Depth	22 mm from exit surface of tip
Scan Principle	Non-contact scanner with structured light and Intraoral photogrammetry
Dimension (L × W × H)	247 mm × 38 mm x 37 mm
Weight	194 g (with battery)
Data Output	STL, OBJ, PLY
Connection Port	Type-C

Recommended PC Configuration

CPU	IntelCorei7-8700 or higher
RAM	Recommend: 32 GB
Hard Disk Drive	256 GB SSD or above
Graphic Card (GPU)	NVIDIA * RTX 2060 6GB DDR3 or higher
Operating System	Windows 10 Professional (64-bit) or later versions of Windows operating systems
Display Resolution	1920×1080, 60 Hz or higher
I/O Ports	Type-C



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