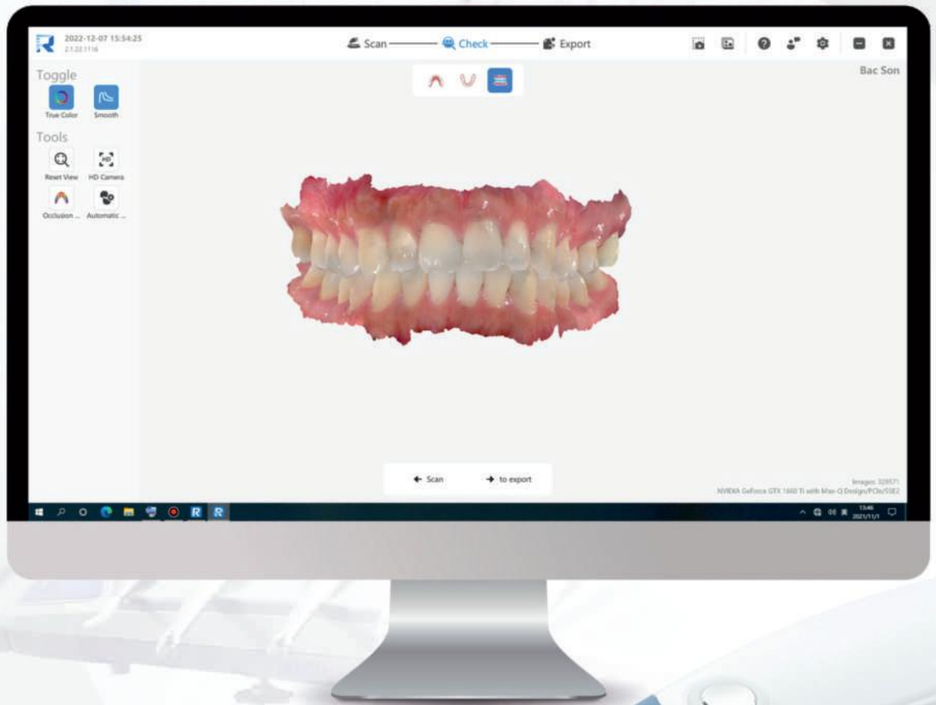
The First step to Digital Dentistry

SMOOTH & EFFICIENT

Dental Practice



Our Strength

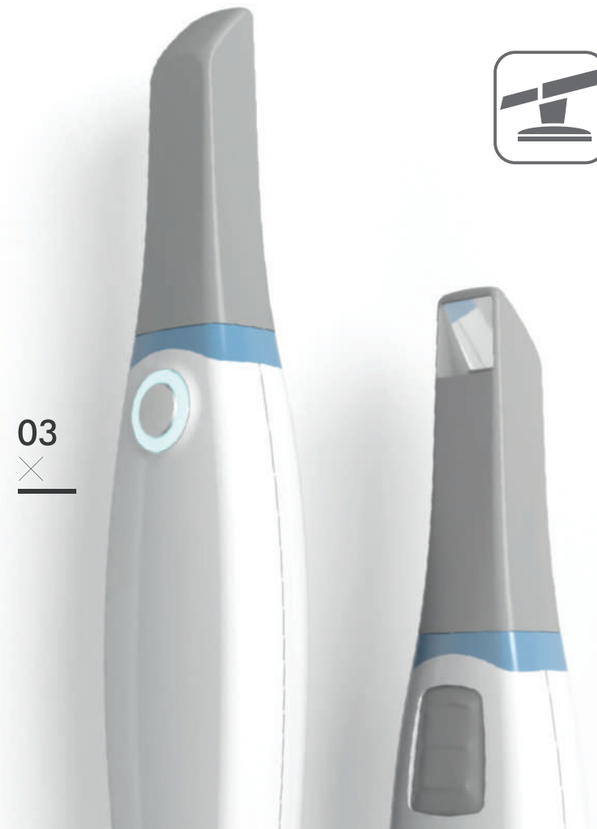
Runyes intraoral scanner has fast and easy image capturing technology, which can provide reliable, accurate & complete data for digital dental impression. Providing patients with a comfortable and efficient treatment experience, our scanners make it easier for dentists to diagnose and communicate with patients. Runyes scanner is an open system scanner, which provides the access to the latest technology equipment available in the market. It has a range of applications which includes digital restoration, digital orthodontics, navigation template of digital implant, etc.

Perfect Integration with Design Software

Runyes scanner software has been integrated with Exocad, DentalWings and BlueSky Plan, and the integrated data transfer goes beyond simple scanned data file export, which will be an integrated project file containing patient information and tooth details. All information can be imported directly in the corresponding design software.Our software supports three data formats: STL, PLY and OBJ, and doctors can export one or more of them as needed.

Humanized Scanner Tip

We also designed a scanner tip with a smaller size, which is convenient for intraoral angle adjustment, and is suitable for intraoral scanning of smaller children, with internal heating system to keep constant temperature inside the patient mouth during scanning. The heating speed is fast , which can effectively prevent the scanner tip lens from fogging.



Fashion and Light Handpiece

The overall appearance of the handpiece is with streamline design, the net weight of the handpiece is 240g, and the hand-held design makes the operation much more convenient and simpler.

Calibration-free

Our scanners do not need to be calibrated regularly, it has already completed a series of calibration procedures before leaving the factory.

Multilingual System

At present, our software supports a total of 12 languages including Polish, Spanish, Russian, etc., to meet the needs of different countries and regions.

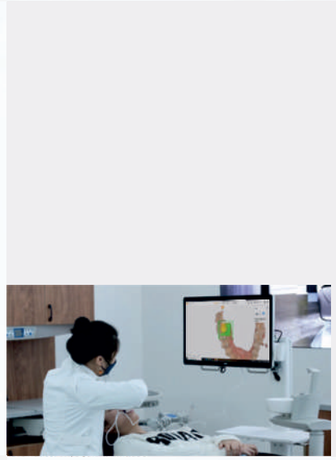


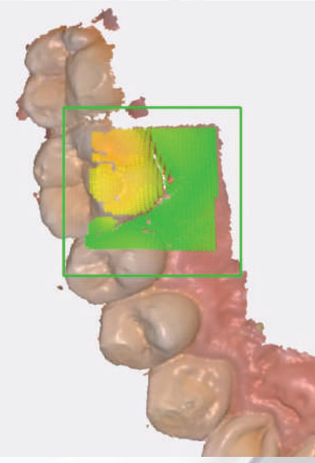
3D True Color

The color reproduction is more realistic, which is convenient for the chair-side dentist-patient communication based on the 3D model. The patient's dental caries, plaque, wedges and other details can be truly seen by the patient, improving the efficiency and convenience of doctor-patient communication.

AI Fast Scan

The linear scanning speed reaches 80mm per second, faster reconstruction and a more optimized matching algorithm, which can complete a real-case single jaw scanning within 30 seconds. Whether it is an intraoral scan or a model scan, the upgraded AI function can automatically identify teeth and gum parts, no need to turn off AI when scanning the model.

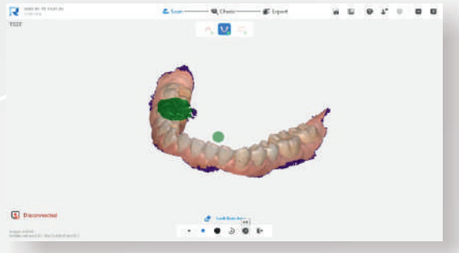






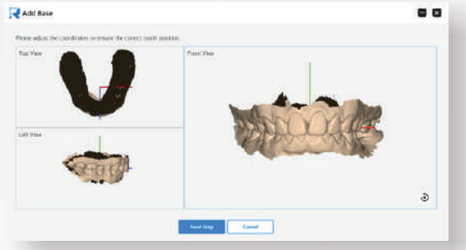
Metal Scan

The optimized metal scanning function makes it easier for dentists to scan patients with metal crowns, metal bridges, metal inlays, amalgam fillings, etc., so as to obtain corresponding qualified intraoral data.



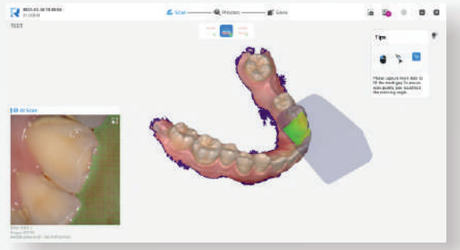
Scanning Field Locking

With Lock scan area function, dentists can select some ideal areas of the scan data to lock, so that the data in this part of the locked area will not be changed during the subsequent scan process.



Model Builder Function

With the model building function, dentists can adjust the coordinates and choose the height of the base they want, so as to directly generate the corresponding model file for printing the dental model.



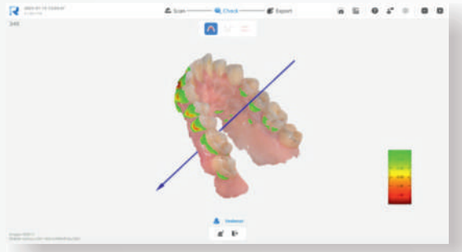
Scanning View Lock Function

When the Lock the scan view function is turned on, a small gray scanner tip will appear on the interface during the scanning process. Through this scanner tip, dentists can clearly judge whether the missing data has been scanned.



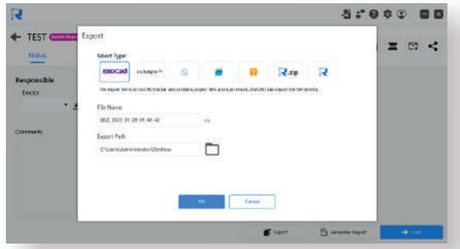
Occlusion Check

With occlusion check function, dentists can select the most suitable occlusal state before optimization check.



Undercut Examination

In the optimization interface, dentists can use undercut function to judge the depth of the undercut according to the system calculation.



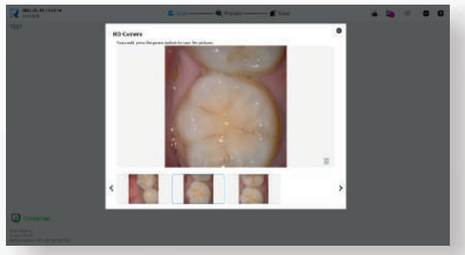
Software Integration

Our software integrates with various design software, including 3shape, exocad, blueskyplan, etc. Dentists can easily export files in the required format for the specific design software. This one-click import feature allows designers to import all case information without manually entering data, which leads to significantly improved work efficiency.



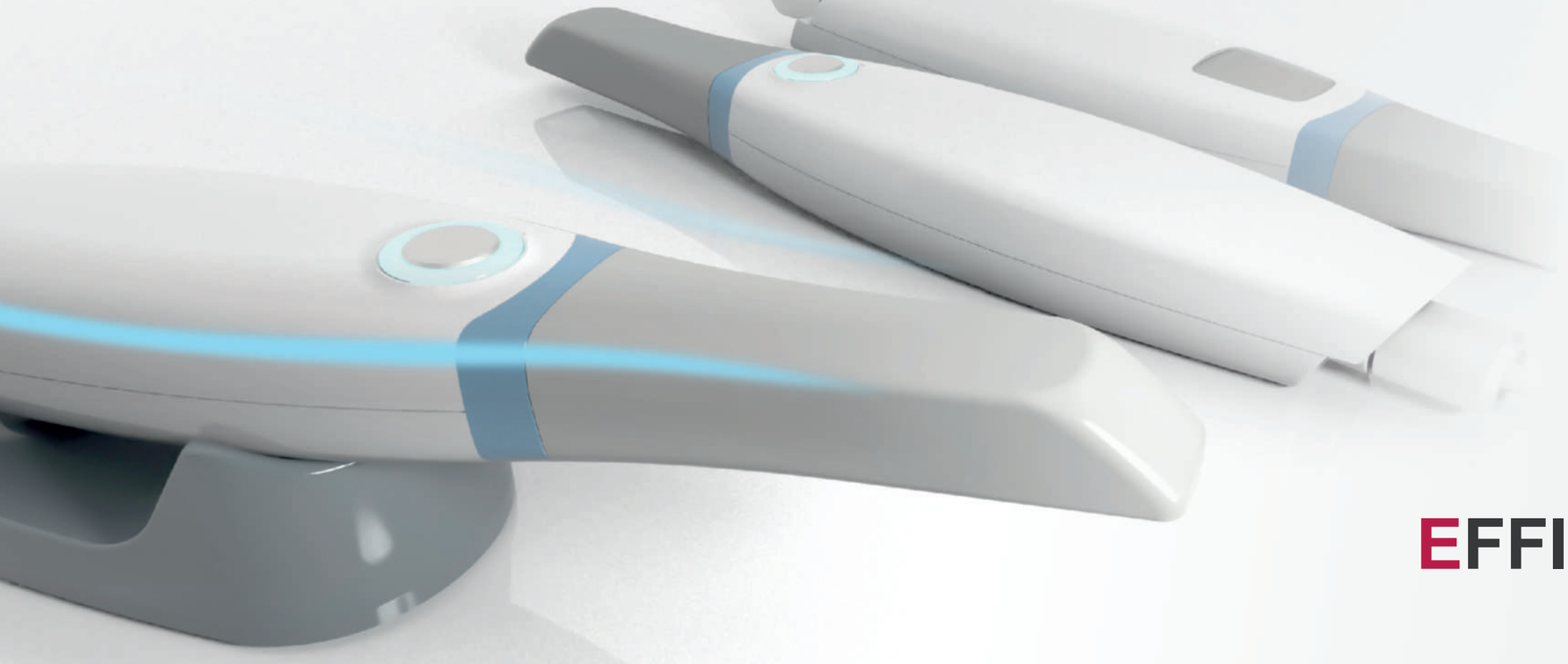
Margin Line Function

With margin line function, dentists can draw a draft of the margin line, so that after sending it to the lab, the designer can design on the basis of the draft to improve work efficiency.



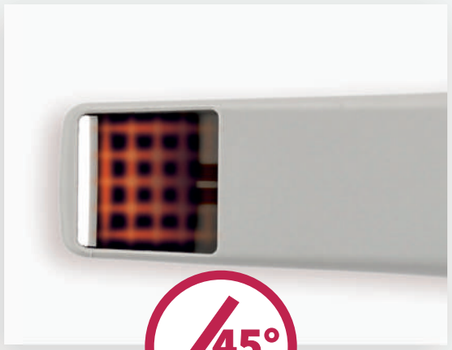
HD Camera

Our scanner also has the function of taking pictures in high definition. After clicking on the HD camera, we can take pictures by short pressing the button on the handpiece. And these images will eventually be saved in the case data folder.



EFFICIENT HARDWARE

The appearance of the handpiece adopts an overall streamlined design with 240 grams, which is more convenient for dentists to operate.



Humanized scanner tip

The scanning tip is actively integrated with heating system inside, with fast heating speed and constantant temperature; the angle of the mirror of the scanning tip is close to 45°, which can better take into account the scanning area of anterior and posterior part.



Easy detachable

The scanner tip can be replaced by a simple plug in and out operation, and the disinfection methods of immersion disinfection and high temperature and high pressure sterilization are both available.



Aluminum alloy screw-in connection

The replaceable Type C data cable adopts a screw connection design to better ensure a stable connection during operation.

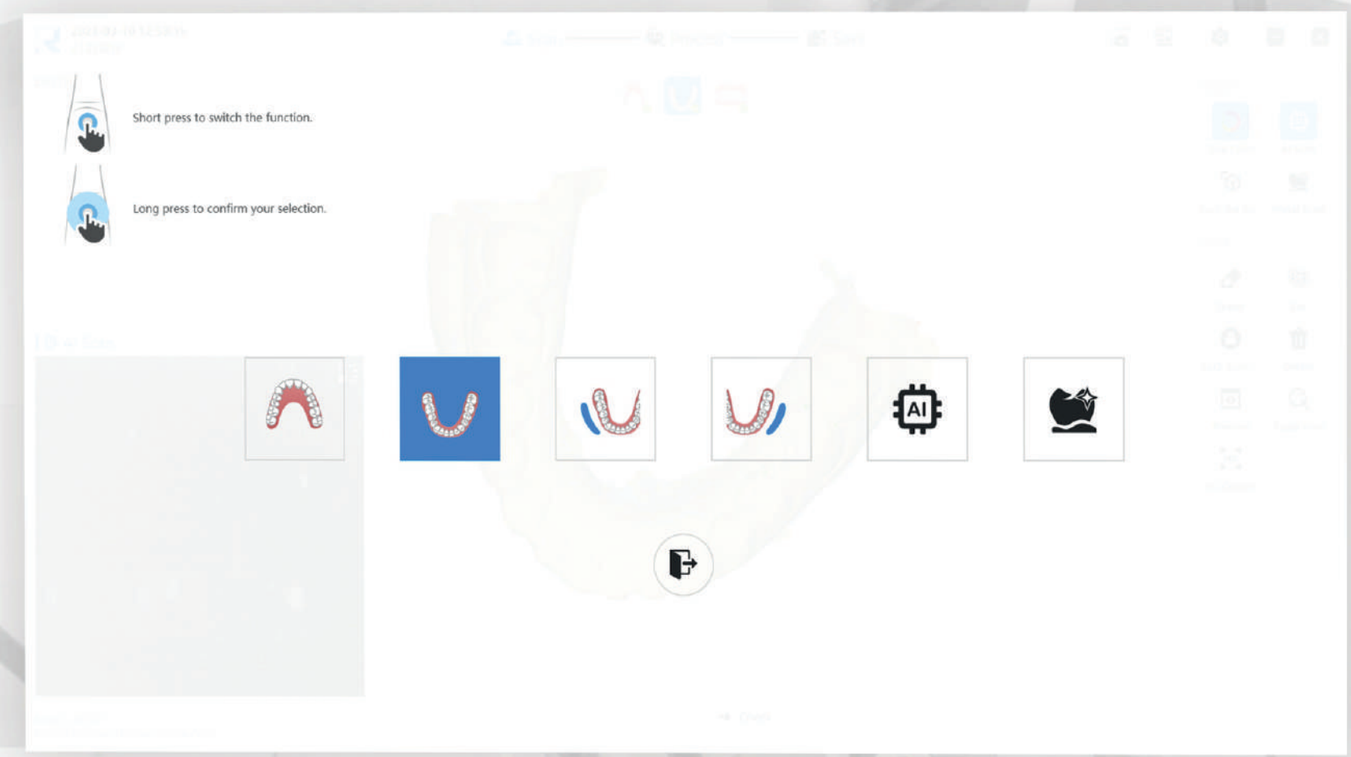


Cable connector

The compact-designed connection box integrates the power cable and all other connection cables together, avoiding potential issues caused by various cables crossing.The connection cable adopts double-headed universal Type-c data cable.

EASY OPERATION



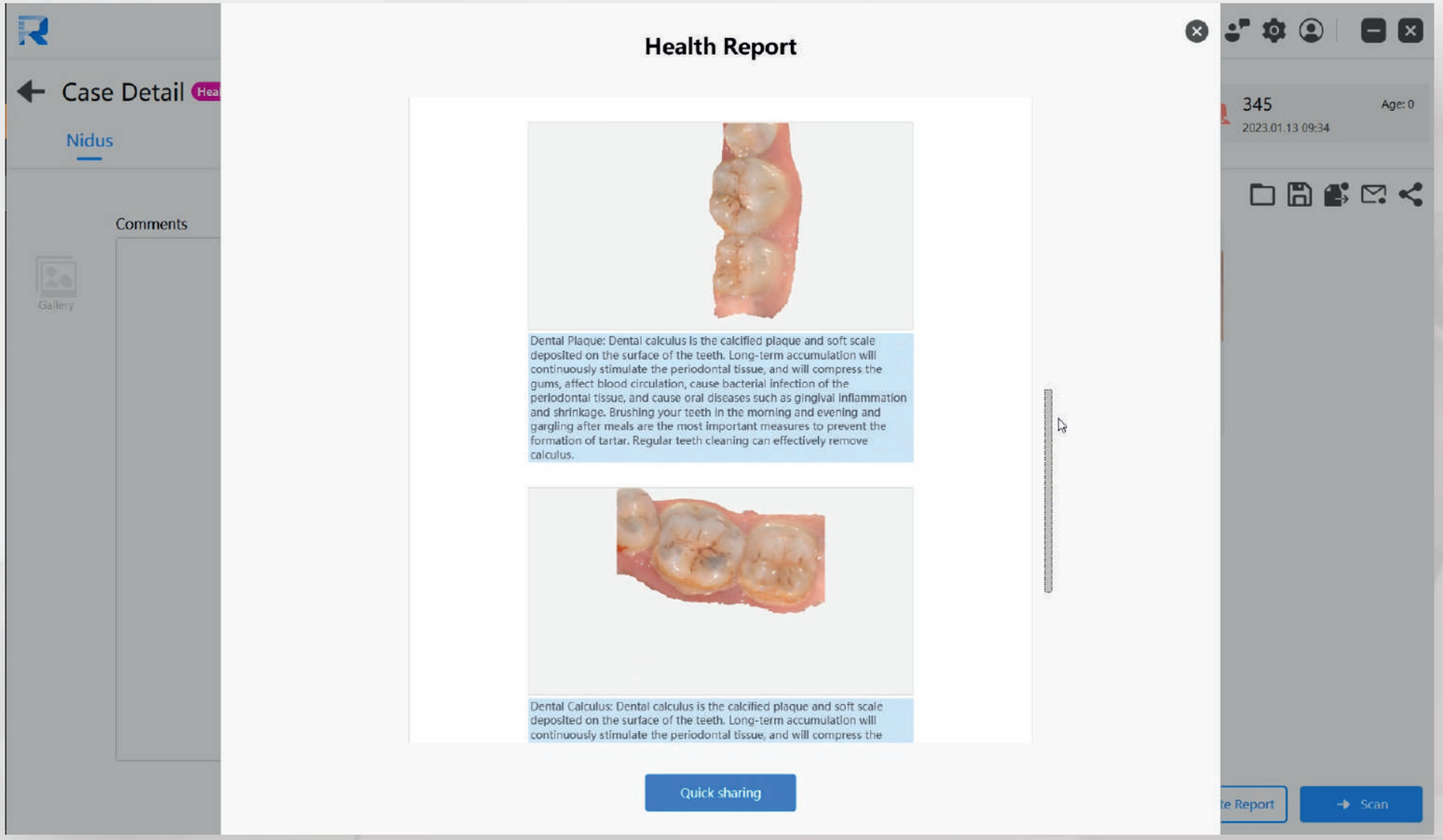




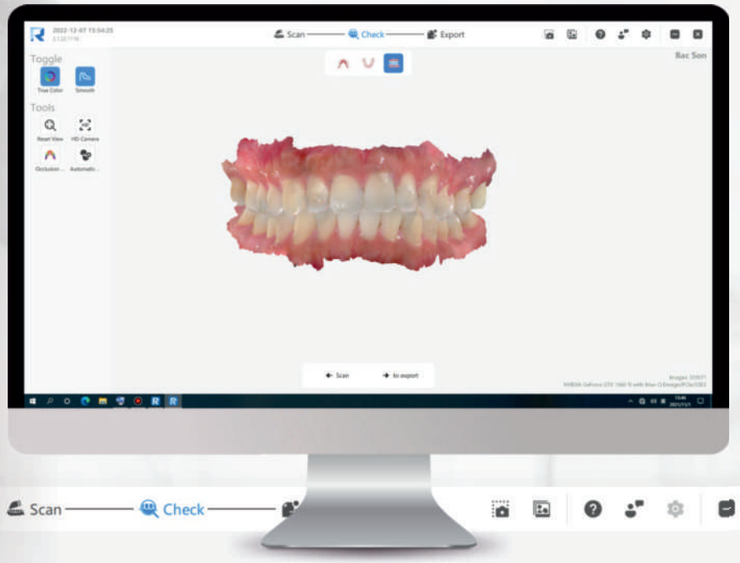
Briefly press the handle button to switch functions

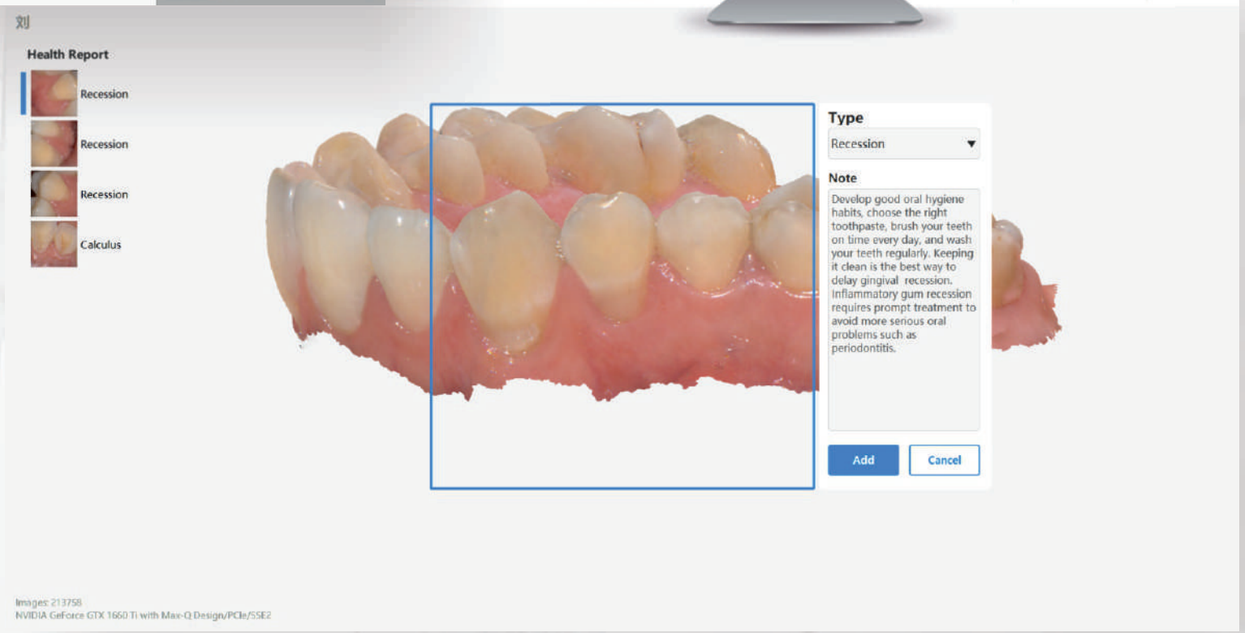


Press handle button for 3s to confirm options



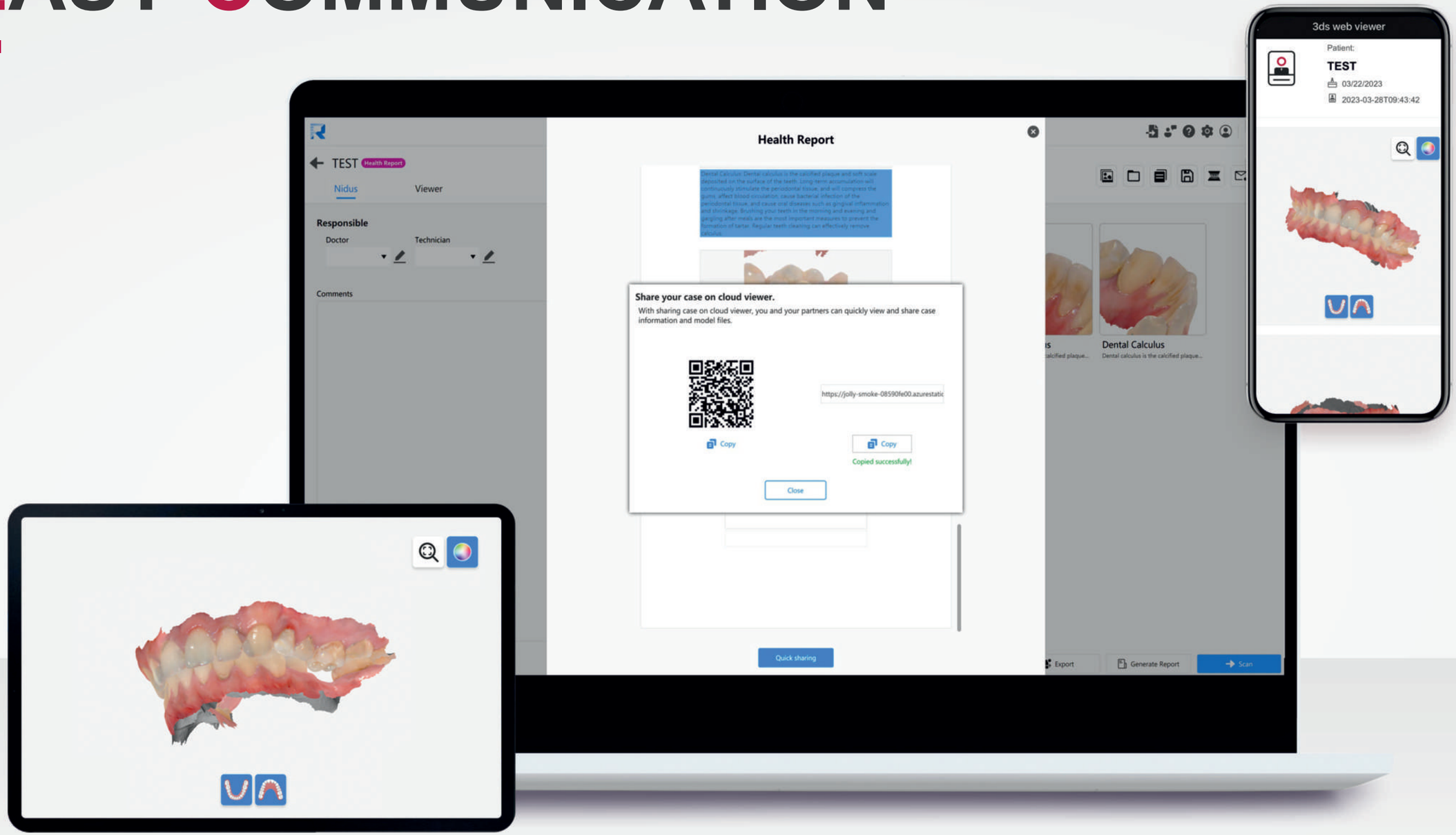
In the health report mode, after scanning the oral data, the system can automatically identify lesions such as dental caries, dental calculus, and dental plaque, and generate a health report with just one click.





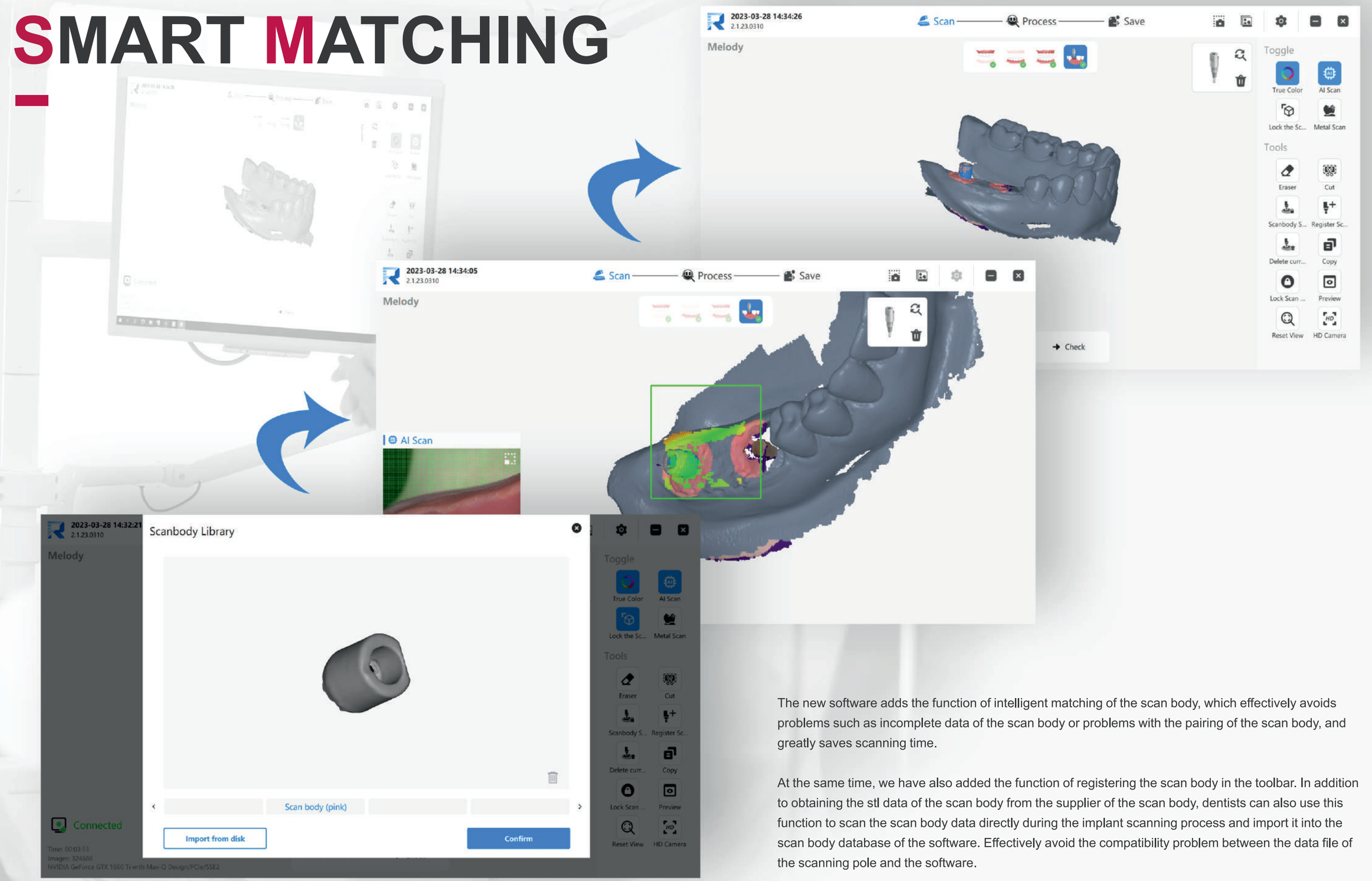
INDIVIDUALIZED TREATMENT PLAN

EASY COMMUNICATION



The platform enables automatic transmission of oral data to the platform, and data transmission can be completed by simply scanning a QR code, without the need for complex export, import or sending processes. It ensures both work efficiency and data security.

SMART MATCHING

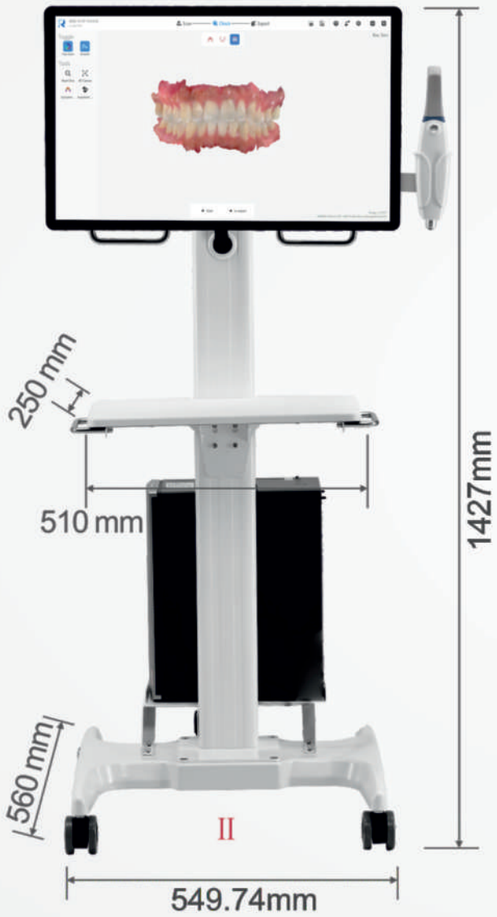


The new software adds the function of intelligent matching of the scan body, which effectively avoids problems such as incomplete data of the scan body or problems with the pairing of the scan body, and greatly saves scanning time.

At the same time, we have also added the function of registering the scan body in the toolbar. In addition to obtaining the stl data of the scan body from the supplier of the scan body, dentists can also use this function to scan the scan body data directly during the implant scanning process and import it into the scan body database of the software. Effectively avoid the compatibility problem between the data file of the scanning pole and the software.

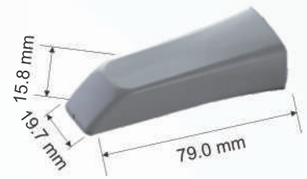
Mobile Cart

I IOS11-YDC For Laptop Type
II IOS11-YDC For Monitor Type

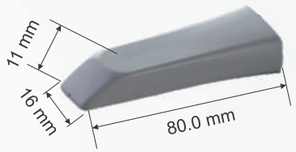


Specification

Complete Machine		
Scanning Distance: 0-15mm	**Scanner Weight:** 238g	**Scanner Size:** 240x49.5x30.5mm
Scanning Technology		
Image Capture Technology: Optical continuous video collection		**Imaging Mode:** Synchronous 3D video
FPS: 15	**Scanner Light Source:** LED	**FOV:** 13x13mm
Accuracy		
Single tooth≤15μm, Full arch≤30μm		
Scanner Tip		
3 normal scanner tip + 1 smaller scanner tip		**Tip Sterilized:** Sterilized for 100 times
Normal Scanner Tip Size: 79x19.7x15.8mm		**Smaller Scanner Tip Size:** 80x16x11mm
Other		
Base: Small base without cables connection		**Export File:** STL, PLY, OBJ
Operating Time: >30000hrs	**Quick Reset:** Yes	**Data Optimization:** Yes
Remote Control Function: Yes	**Calibration:** No	



Normal Scanner Tip Size



Smaller Scanner Tip Size

Recommended Configuration

Computer Specification Microsoft Windows 10, 64bit Pro edition or higher			
CPU	Intel Core i7-9700 or higher (laptop: i7-9700H or higher) Recommended: Intel Core i7-11700 (laptop: i7-11700H)	Graphics Card	NVIDIA GeForce 3060, 6GB or higher, AMD graphics cards cannot support all functions of the software and are not recommended
Memory	More than 16G	Port	USB/3.0
Hard Disk	More than 256G SSD or 128G+1T mechanical hard disk	Supply Voltage	110V~240V,50Hz
		Power Consumption	25VA
System	WINDOWS 10 Professional edition/Corporate edition	Monitor Resolution	1920x1080