



New Gen. of Intraoral Scanner



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NEW GEN. OF INTRAORAL SCANNERS

SCAN11



| 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 210g, and the hand-held design makes the operation much more convenient and simpler.



| 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.



| Calibration-Free

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

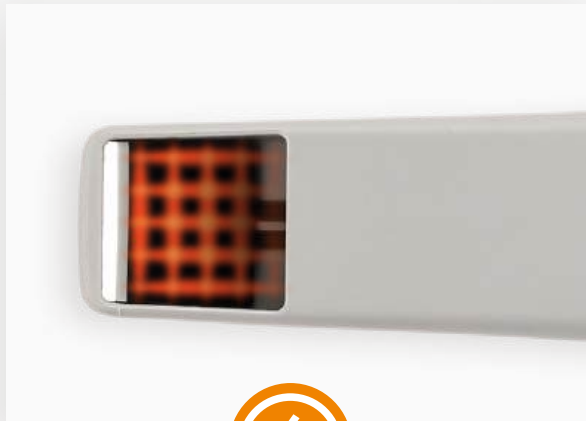


| Multilingual System

At present, our software supports a total of 16 languages including Polish, Spanish, Russian, etc., to meet the needs of different countries and regions.

EFFICIENT HARDWARE

The appearance of the handpiece adopts an overall streamlined design with 210 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 constant 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.



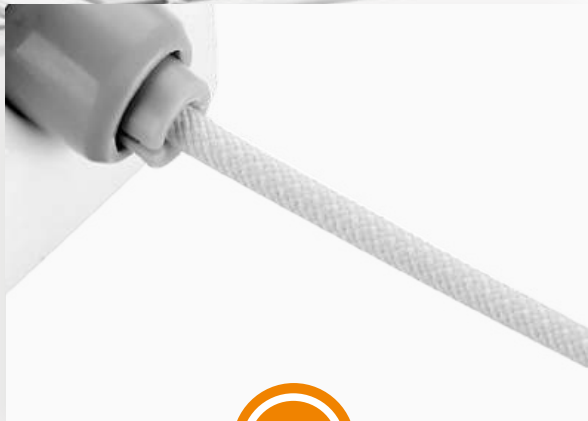
Easy detachable

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.



Screw-in connection

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



Cable connector

Our model is direct connection. No adaptor needed.

FEATURES



Occlusion Check

Dentists will check whether the occlusion relationship between the upper and lower jaws is accurate or not with this function.



Undercut Inspection

It will help dentists to check whether there is undercut in the prepared tooth area, so as to prevent the crown from being unable to be processed, or there is an excessive gap between the crown and the prepared tooth.



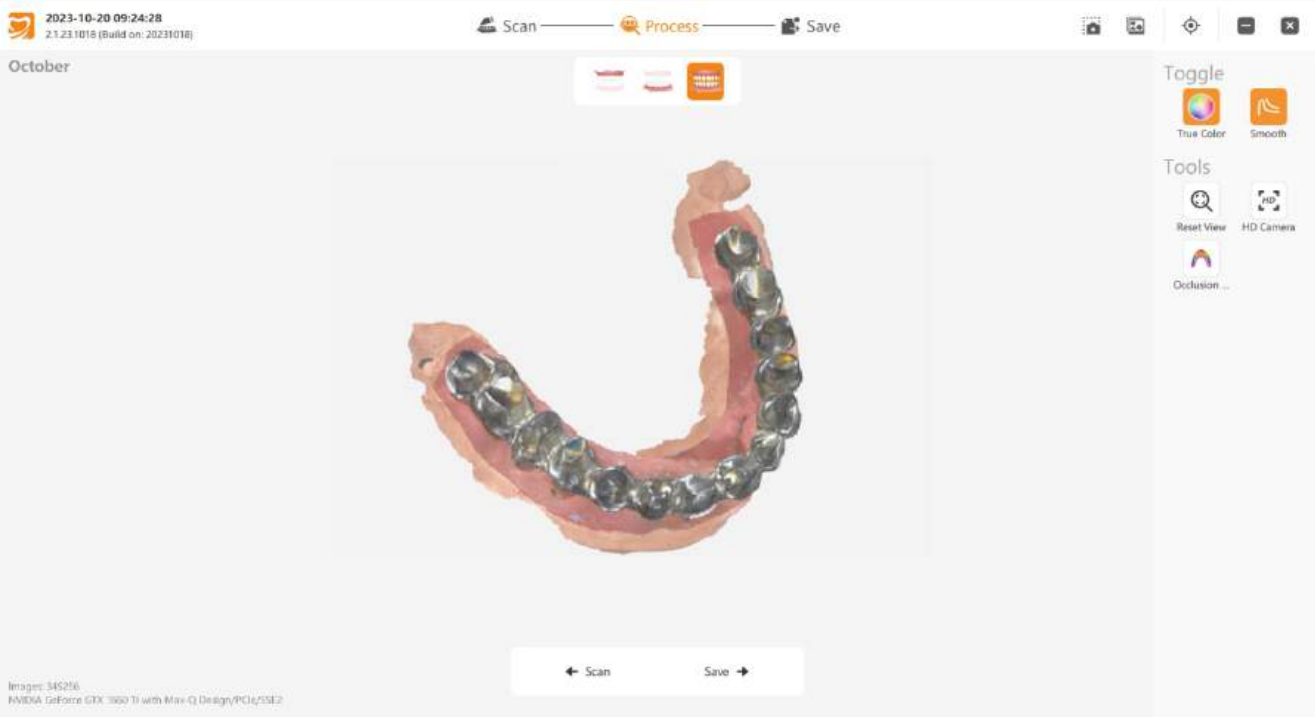
Margin Line Drawing

The Margin Line tool can help dentists to draw a margin line on the scan data and export it to a proprietary format. The marked margin line data can be imported to design software such as EXOCAD.



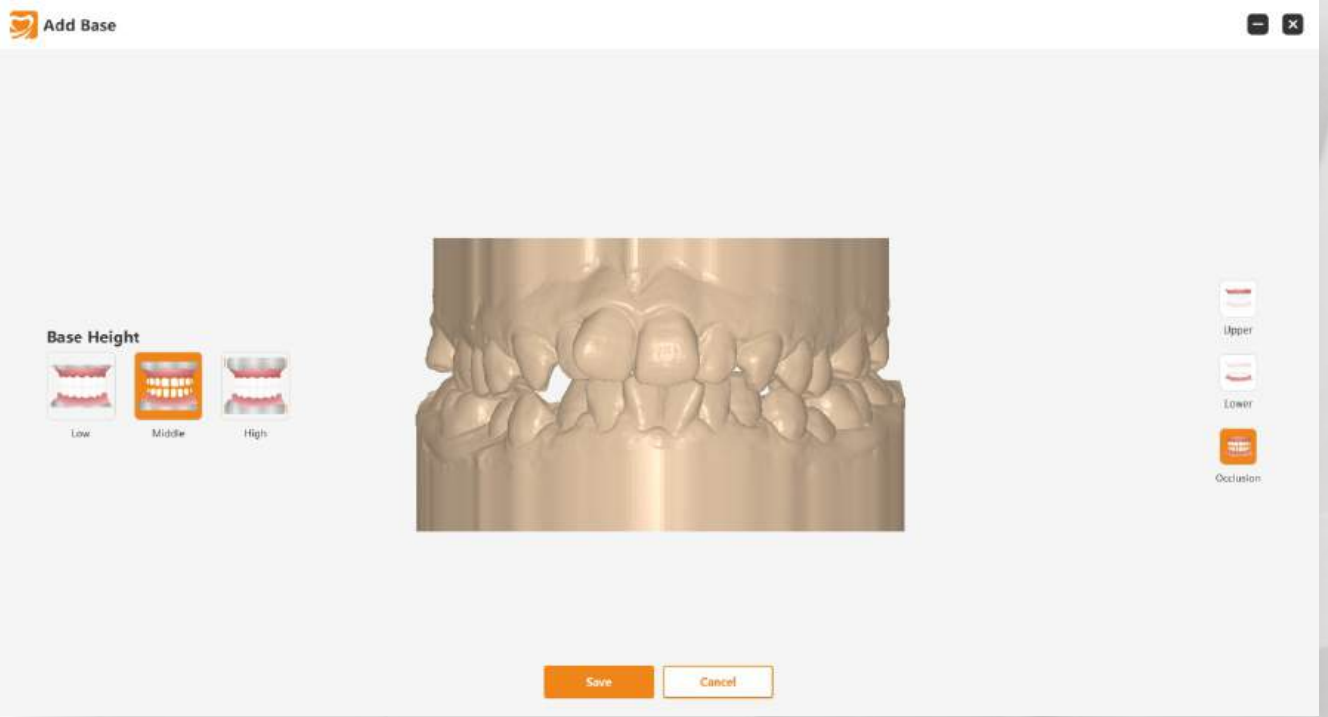
HD Camera

Dentists can use the camera to take oral pictures during scanning; high-resolution photos can be used as case attachments and saved in the reports.



Metal Scan

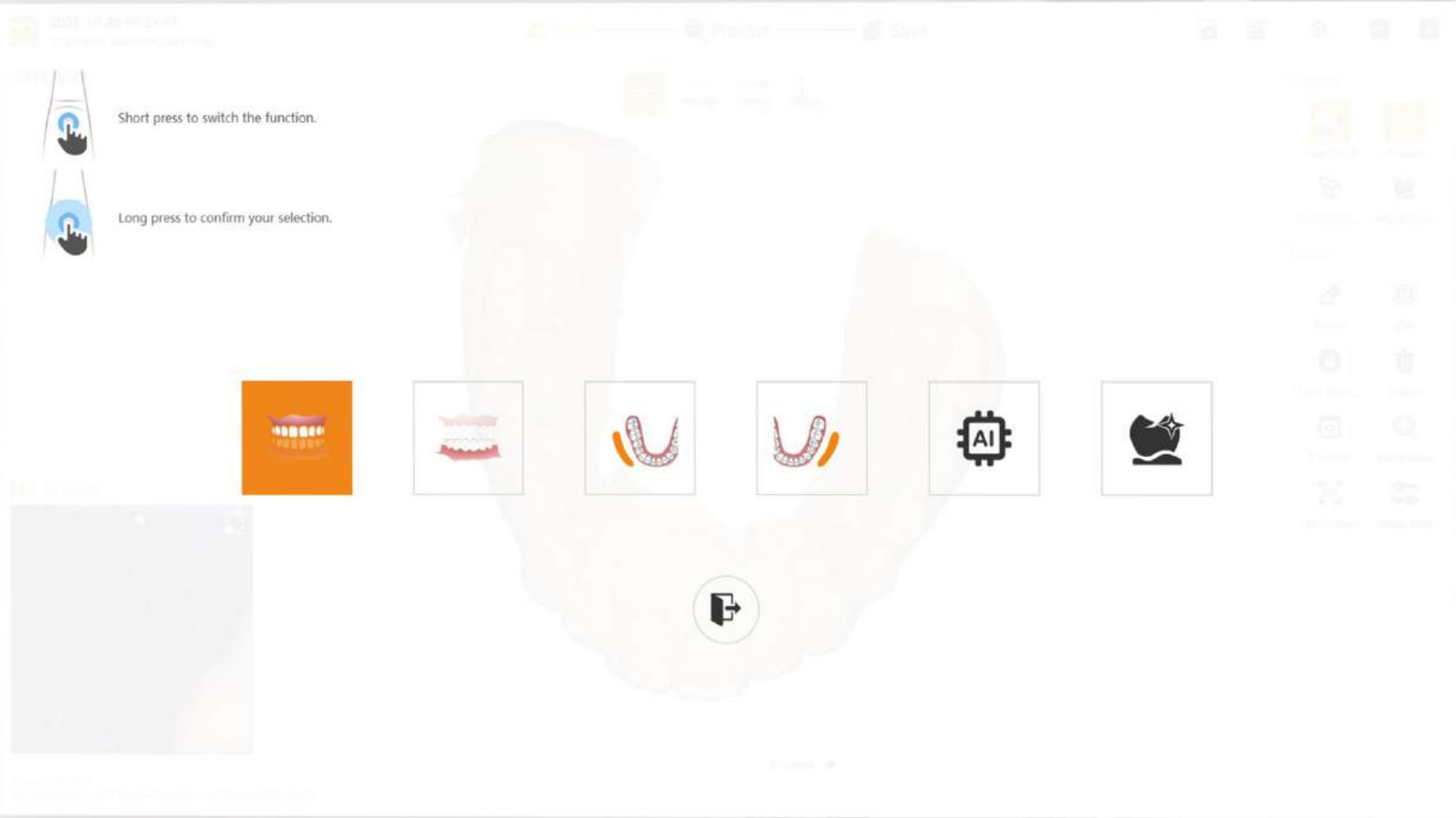
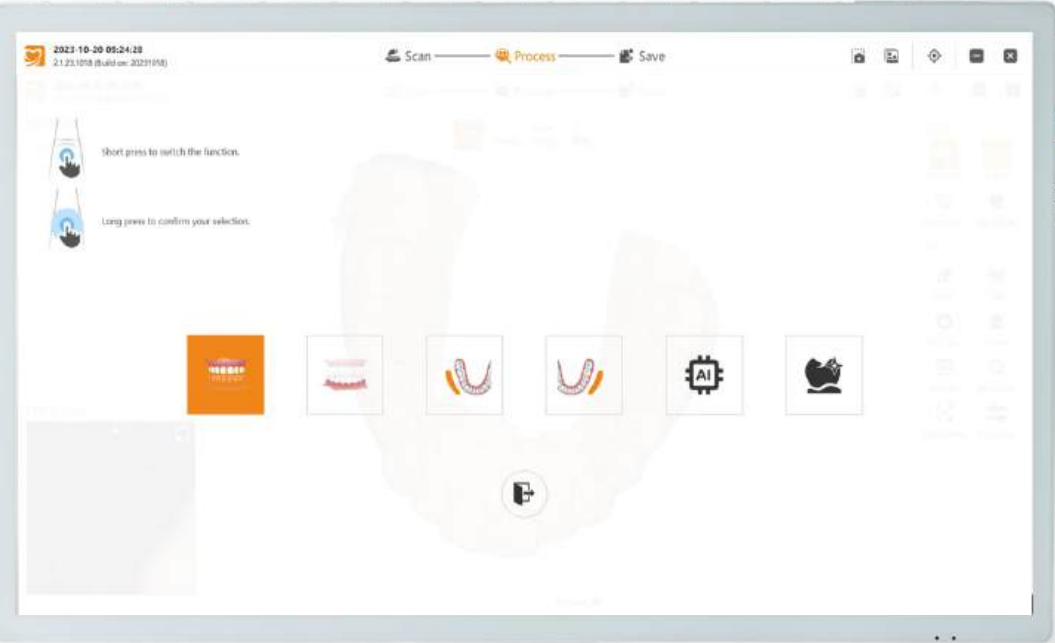
Key optimizations have been made for the difficulty of noises and reflecting during metal scanning. Optimized metal scan tools can help dentists scan all kinds of metal materials easier.



Model Builder

The Add Base tool can help dentists generate model files that can be directly used for printing with one click.

REMOTE CONTROL



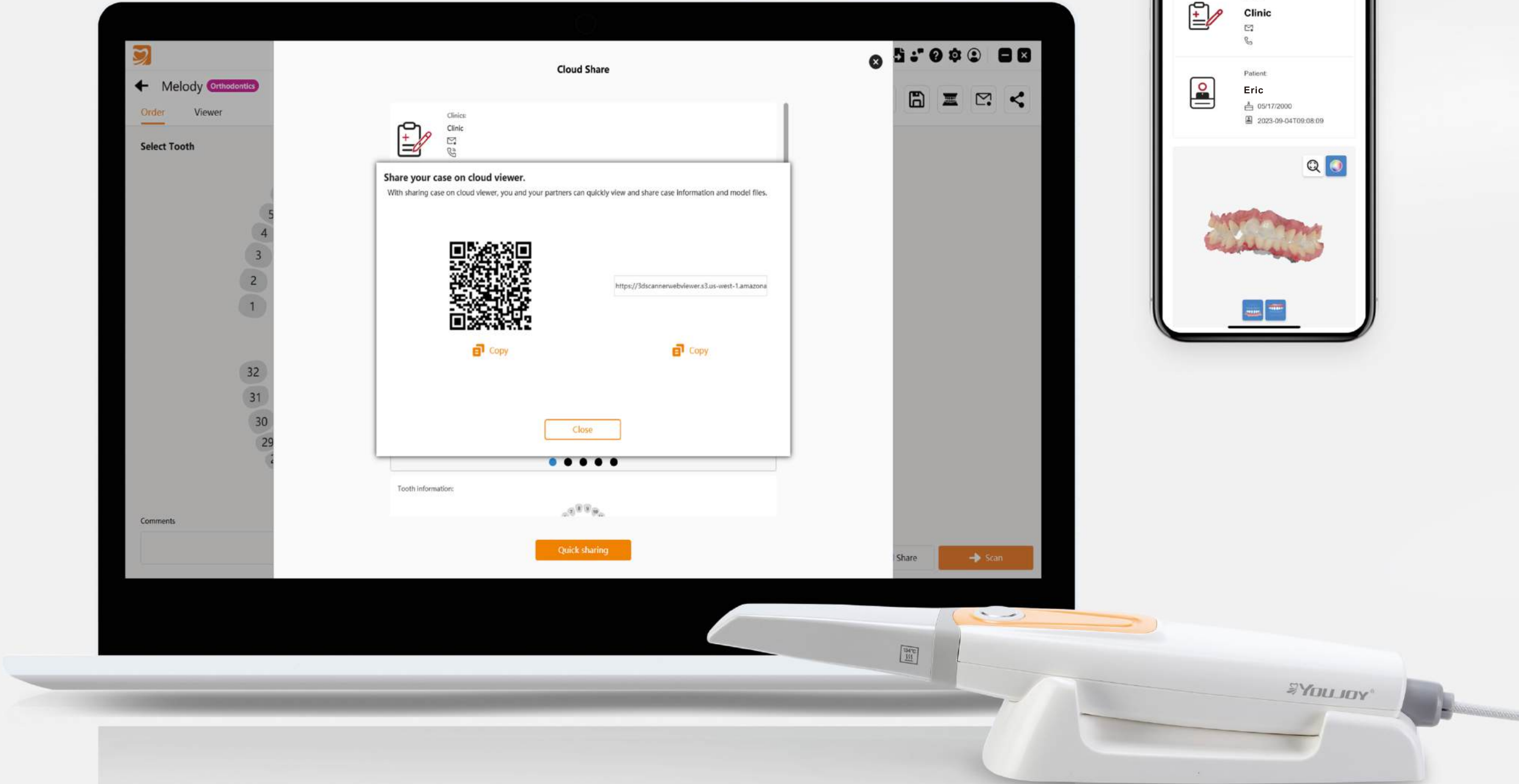
The handle buttons intelligently display the working status, blue for standby, green for work, and flashing for connection interruption.

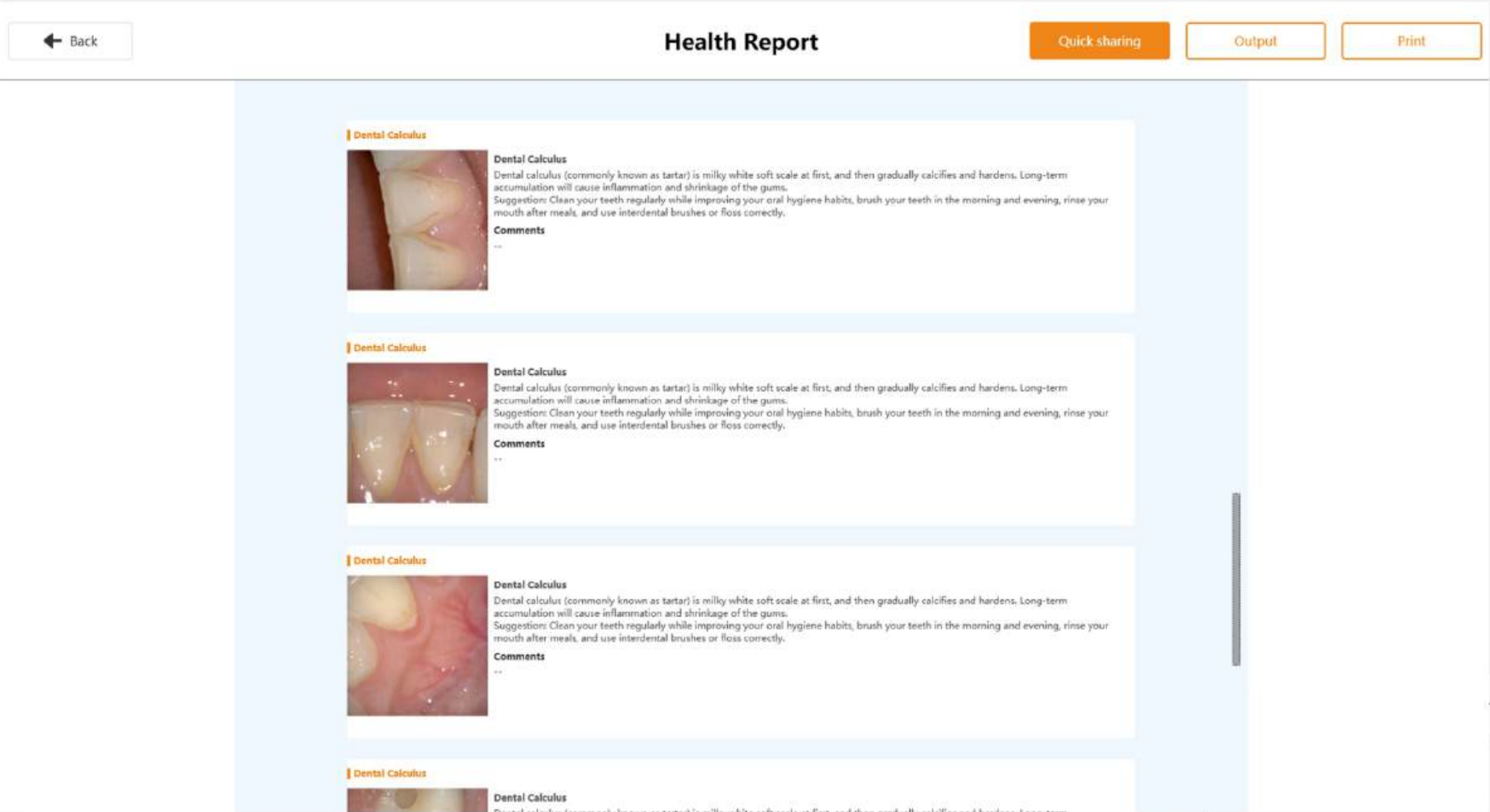
Long press the handle button to enter the selection page, then short press to switch, and long press to confirm the six modes available: upper dental arch, lower dental arch, left occlusion, right occlusion, metal scan, and AI.

Make sure that during the entire scanning process, the operator's hands do not touch any other equipment except the scanner handle to avoid cross-infection to the greatest extent.

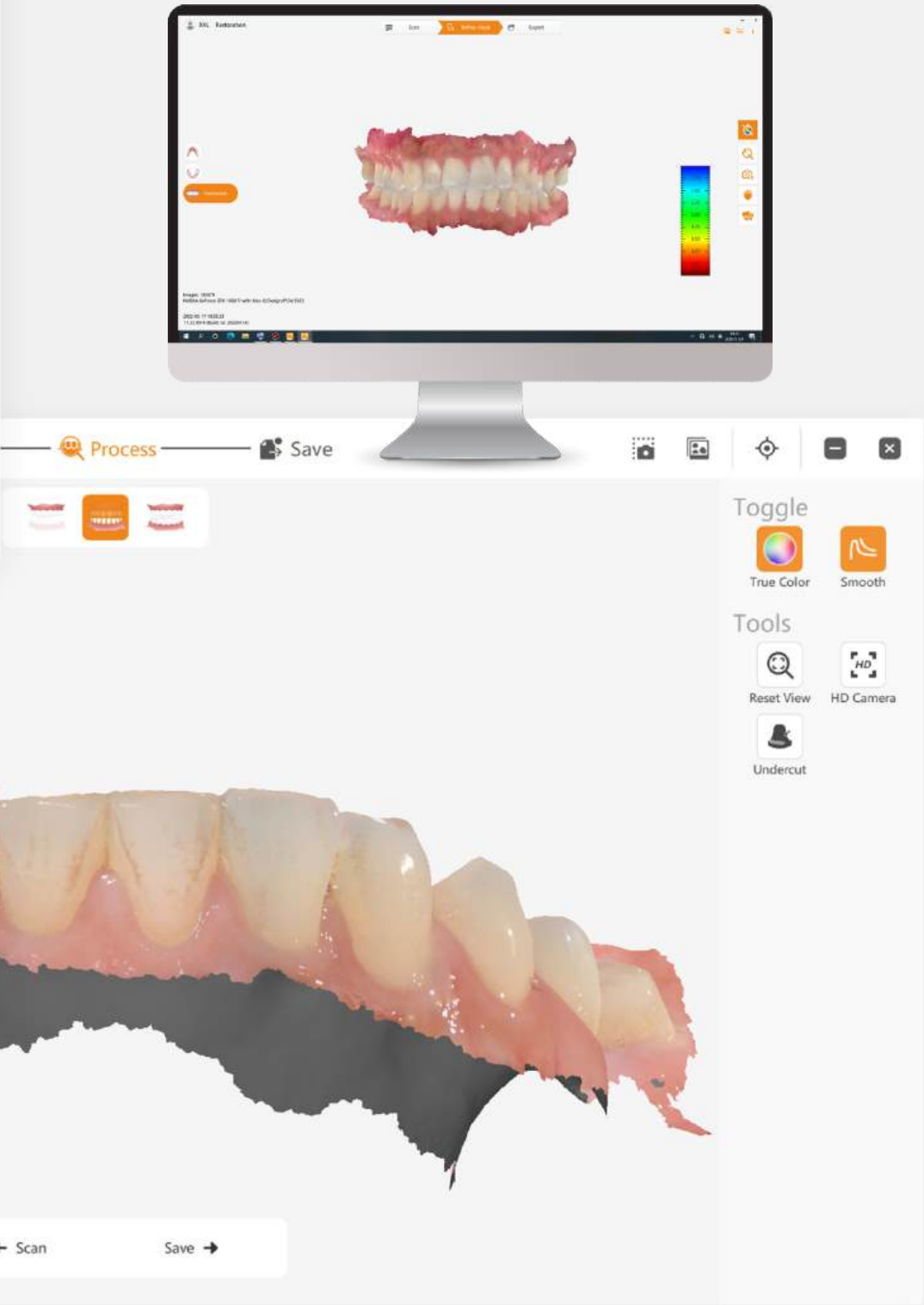


CLOUD SHARING





ORAL HEALTH REPORT



Generate Report Automatically

The AI algorithm of deep learning can accurately find and locate the lesion, and generate the patient's oral health report automatically.



Real-Time Review

Reports support real-time and remote review, which facilitates communication between dentists and patients, making the whole diagnosis and treatment more intuitive and vivid.



Support Printing Report

Patients can save the printed report to provide a basis for subsequent diagnosis and treatment.

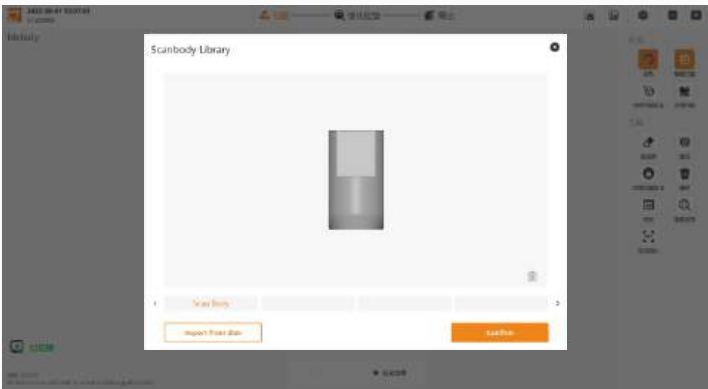


SCAN BODY MATCHING

3 steps to empower clinical implant cases
3 steps to empower clinical implant cases



1
Scan the upper
and lower jaw



2
Import implant data
from our database
(enables to DIY
registration)

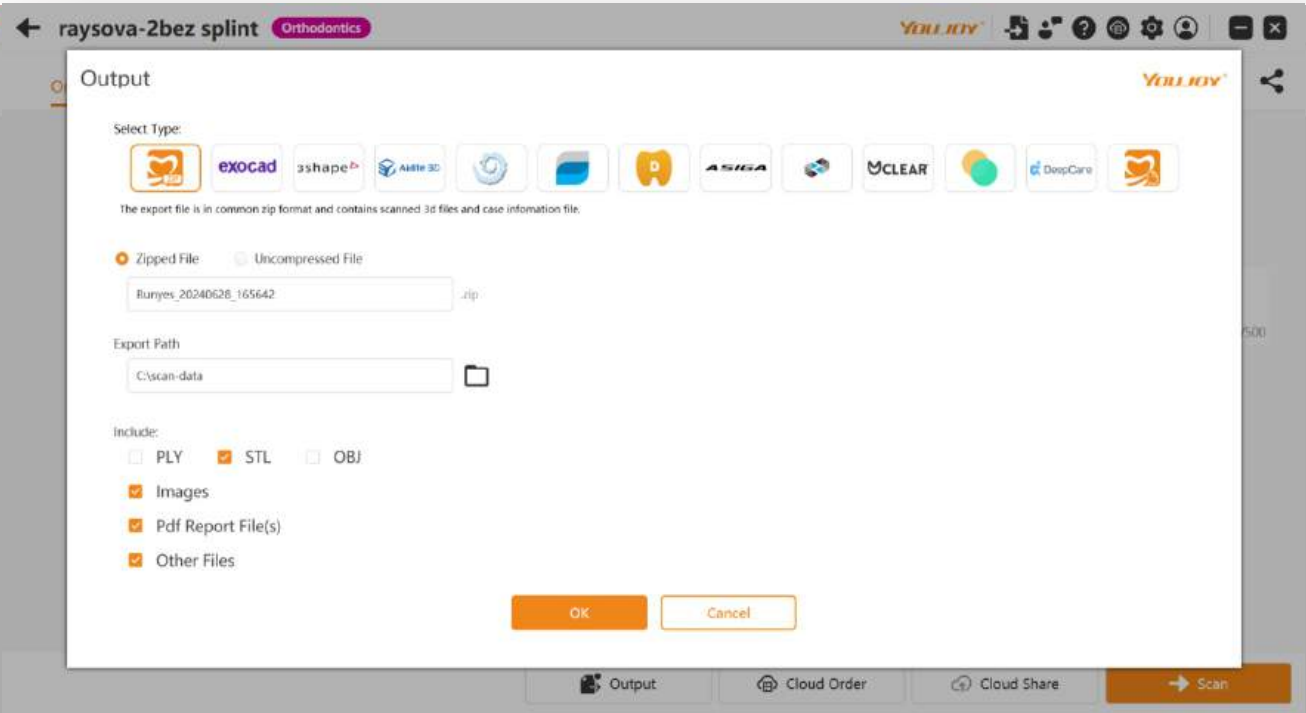


3
Scanning scan
body and matching

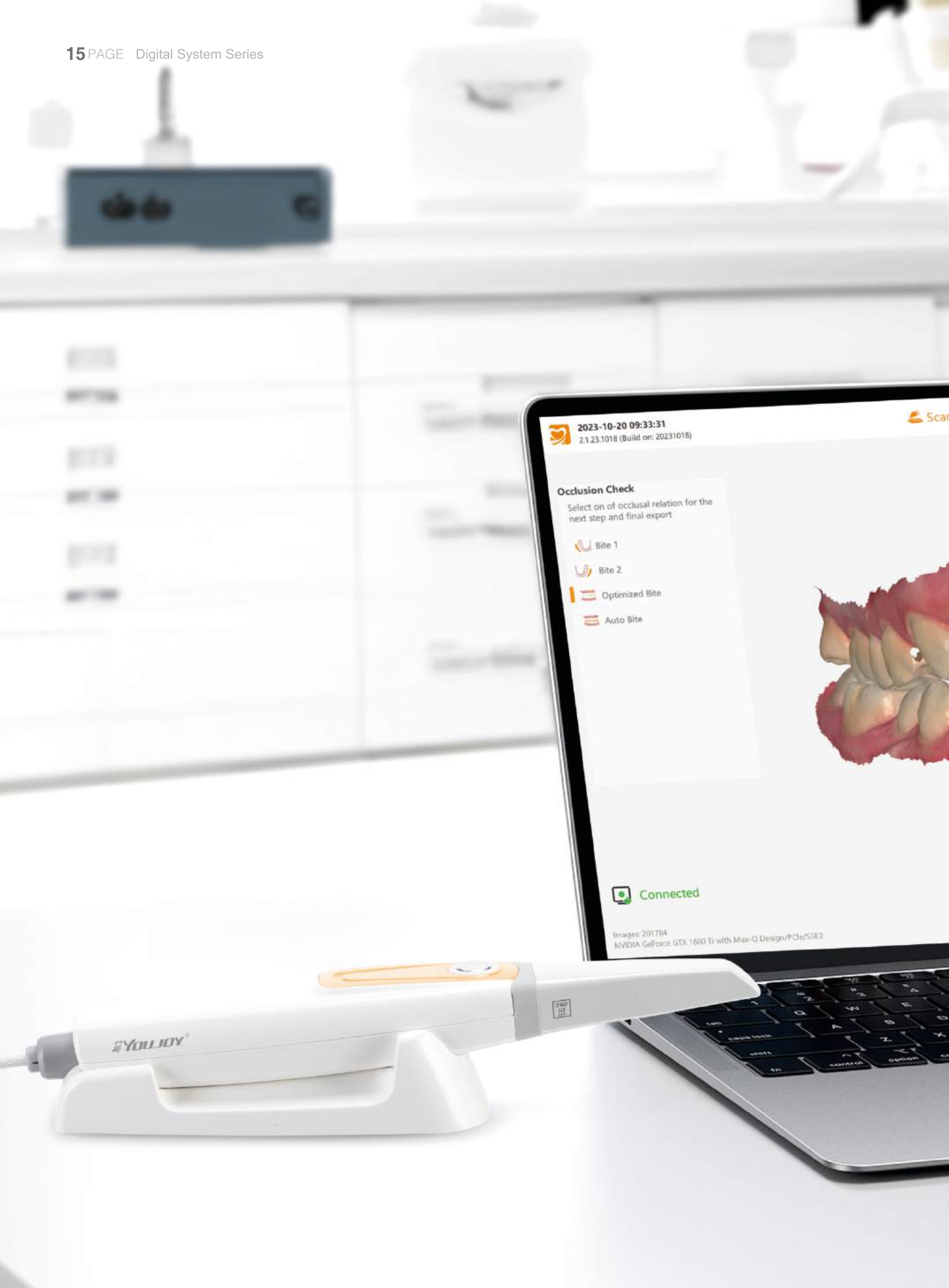
With scan body matching function, Ensuring the integrity and accuracy of scan body data, and no need to scan repeatedly, saving scanning time and improving the efficiency.

COMPLETE ECOSYSTEM

Integration
Partners



Stay Tuned. More Partners Coming Soon!

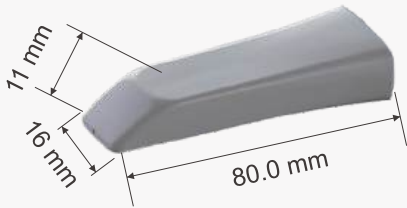


Specifications

Complete Machine		
Scanning Distance: 0-15mm	Scanner Weight: 210g	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 crown≤10μm, single arch≤15μm, full arch≤20μm		
Scanner Tip		
Normal Scanner Tip Size: 79x19.7x15.8mm		Smaller Scanner Tip Size: 80x16x11mm
Scan Area (Standard): 15x15mm	Scan Area (Mini): 12x12mm	Depth of Field: 15mm
Autoclavable: Up to 100 times Autoclavable 121°C 16 mins Autoclavable 134°C 4 mins		
Scanner Tip		
Single Arch: 30s		Full Arch with Occlusion: 90s
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: Calibration free	
Multilingual System:	Chinese, English, French, Spanish, Russian, Portuguese, Italian, Greek, Polish, Romanian, Japanese, Korean, Turkish, Czech, German, Hungarian	



Normal Scanner Tip Size



Smaller Scanner Tip Size

Recommended System Configuration

Computer Specification	
CPU (Laptop Recommended): Intel Core i7-11700H	CPU (Desktop Recommended): Intel Core i7-11700
Graphic Card(GPU): NVIDIA GeForce 3060 or above 6G memory (Not supporting AMD graphics cards)	
RAM: 16GB or higher	Hard Disk Drive: 256GB or above
Power Consumption: 25 V/A	I/O Port: USB 3.0 (or higher) port
System: Windows 10/11 Pro/Corporate Edition(64-bit)	Display Resolution: 1920×1080, 60Hz

MOBILE CART

Dental Practice

- I TR-7A
For Laptop Type
- II TR-9A
For Monitor Type



ALL-IN-ONE CART

TR-5A

