Revision No: 910400002, EN-202410

New Gen.
of Intraoral Scanner





NEW GEN.
OF INTRAORAL SCANNERS

SCAN 33

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

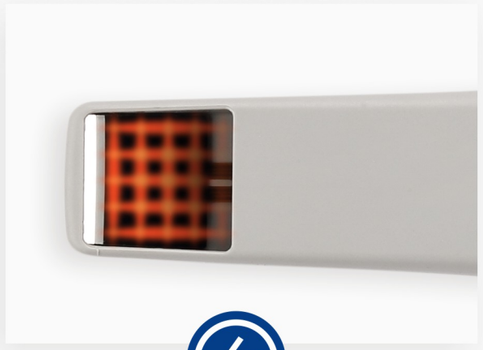
At present, our software supports a total of 15 languages including Polish, Spanish, Russian, etc., to meet the needs of different countries and regions.

EFFICIENT HARDWARE

The appearance of the handpiece adopts an overall streamlined design with 210 grams, which is more convenient for dentists to operate.







45°

Humanized scanner tip

The scanner tip is actively integrated with heating system inside, with fast heating speed and constantant temperature; the angle of the mirror of the scanner 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

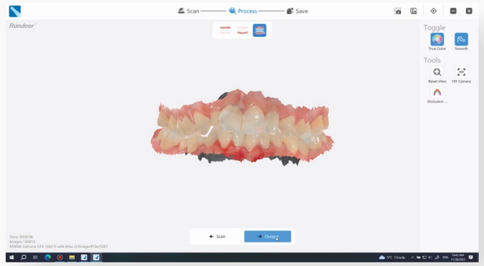
The replaceable Type-C data cable adopts a screw connection design to better ensure a stable connection during operation.



Cable connector

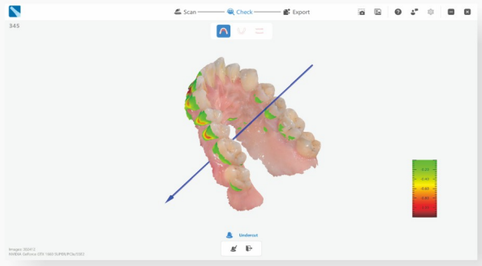
Our model is direct connection. No adaptor needed.

FEATURES



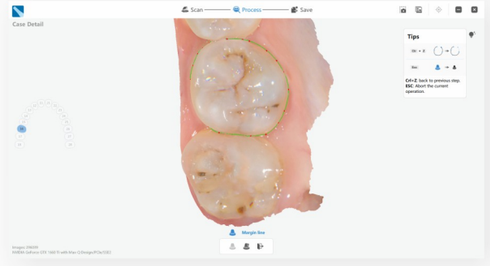
Occlusion Check

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



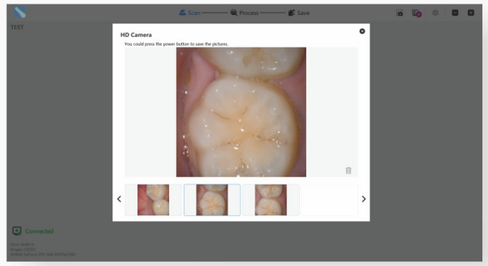
Undercut Inspection

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.



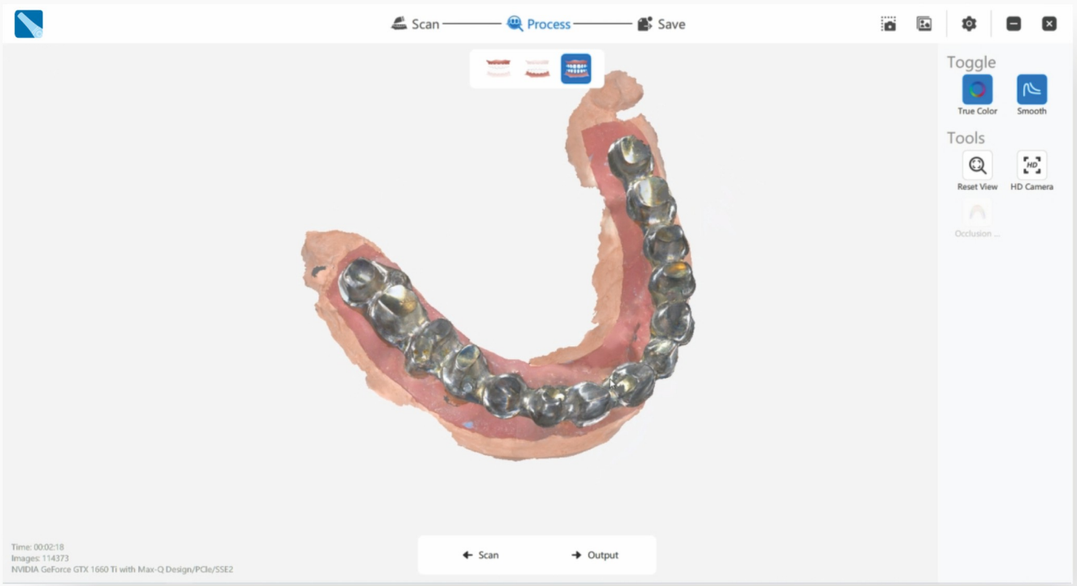
Margin Line Drawing

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.



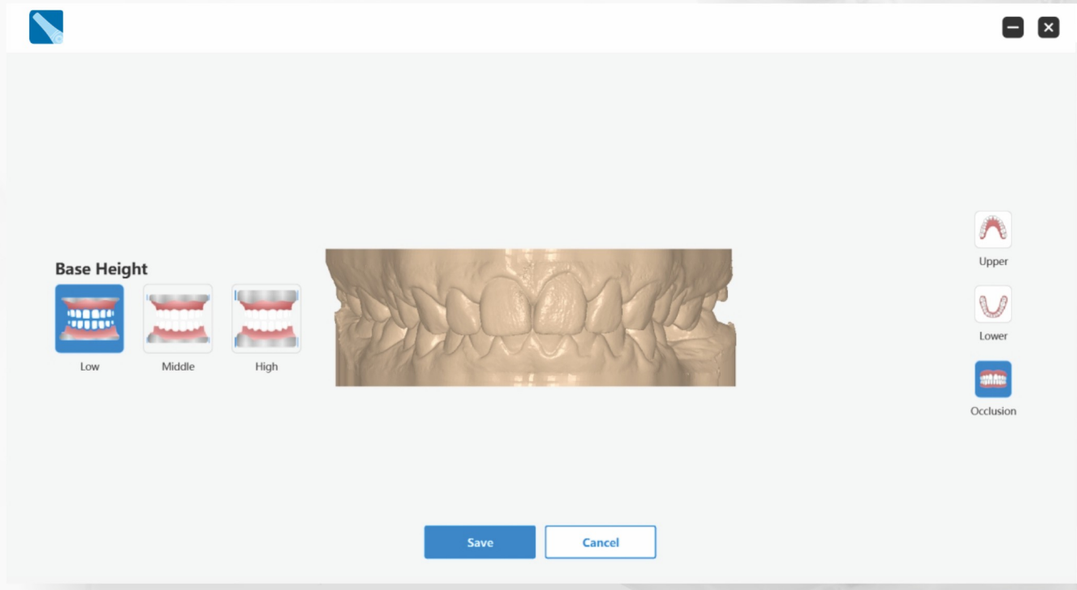
HD Camera

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.

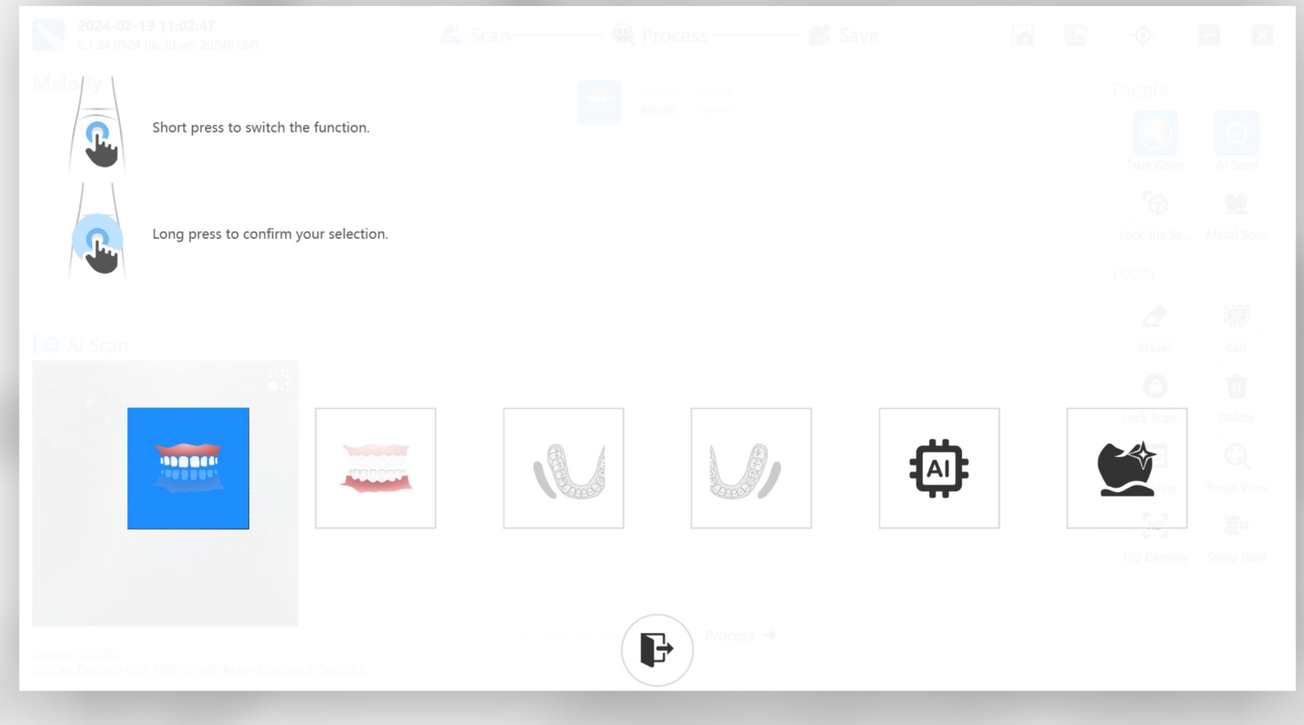


Model Builder

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

REMOTE CONTROL



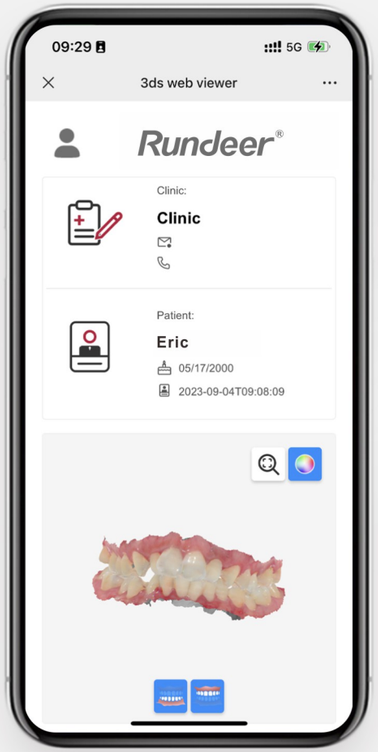


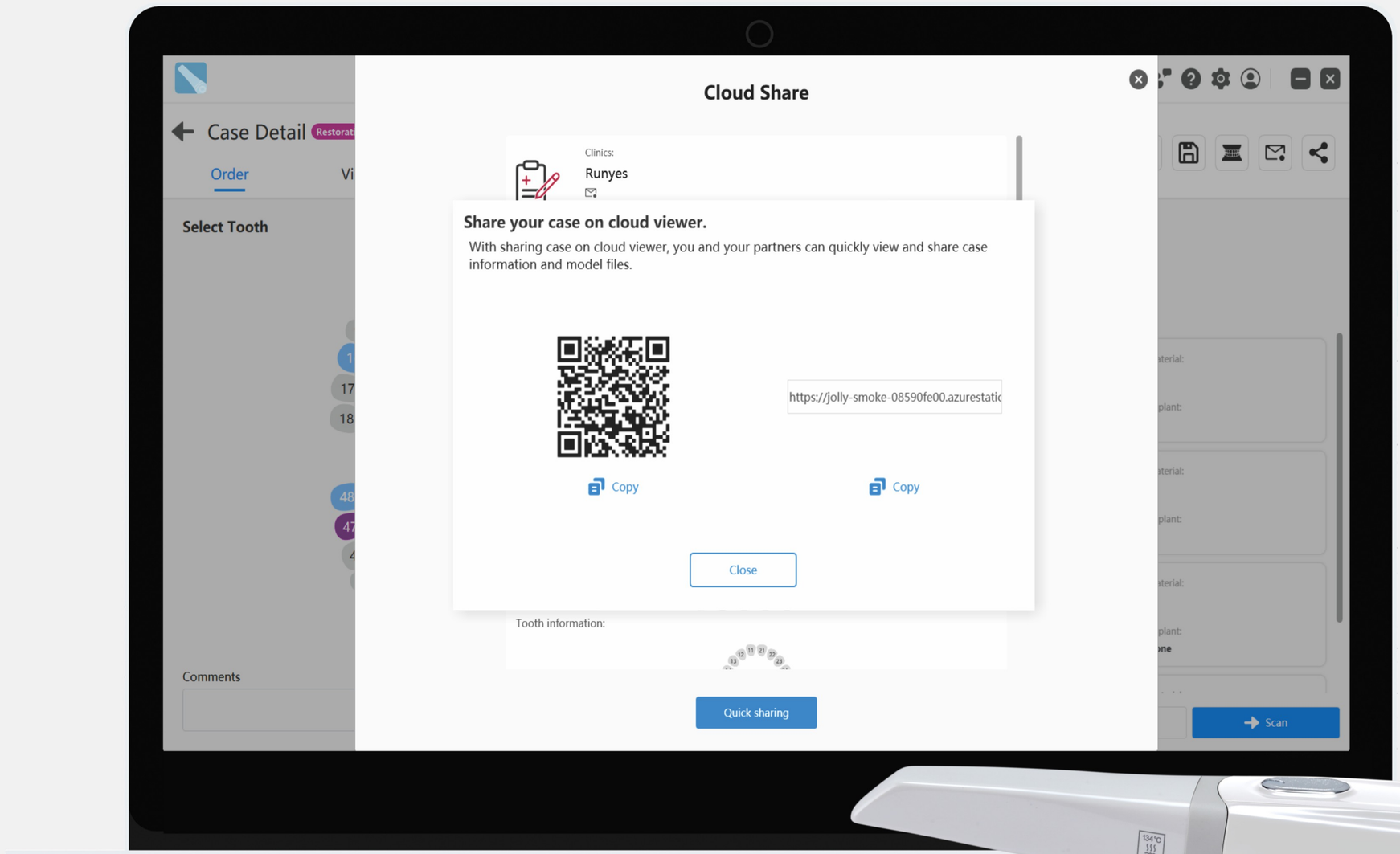
The handle buttons intelligently display the working status, blue for standby, green for work, and flashing for connection interruption.

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.

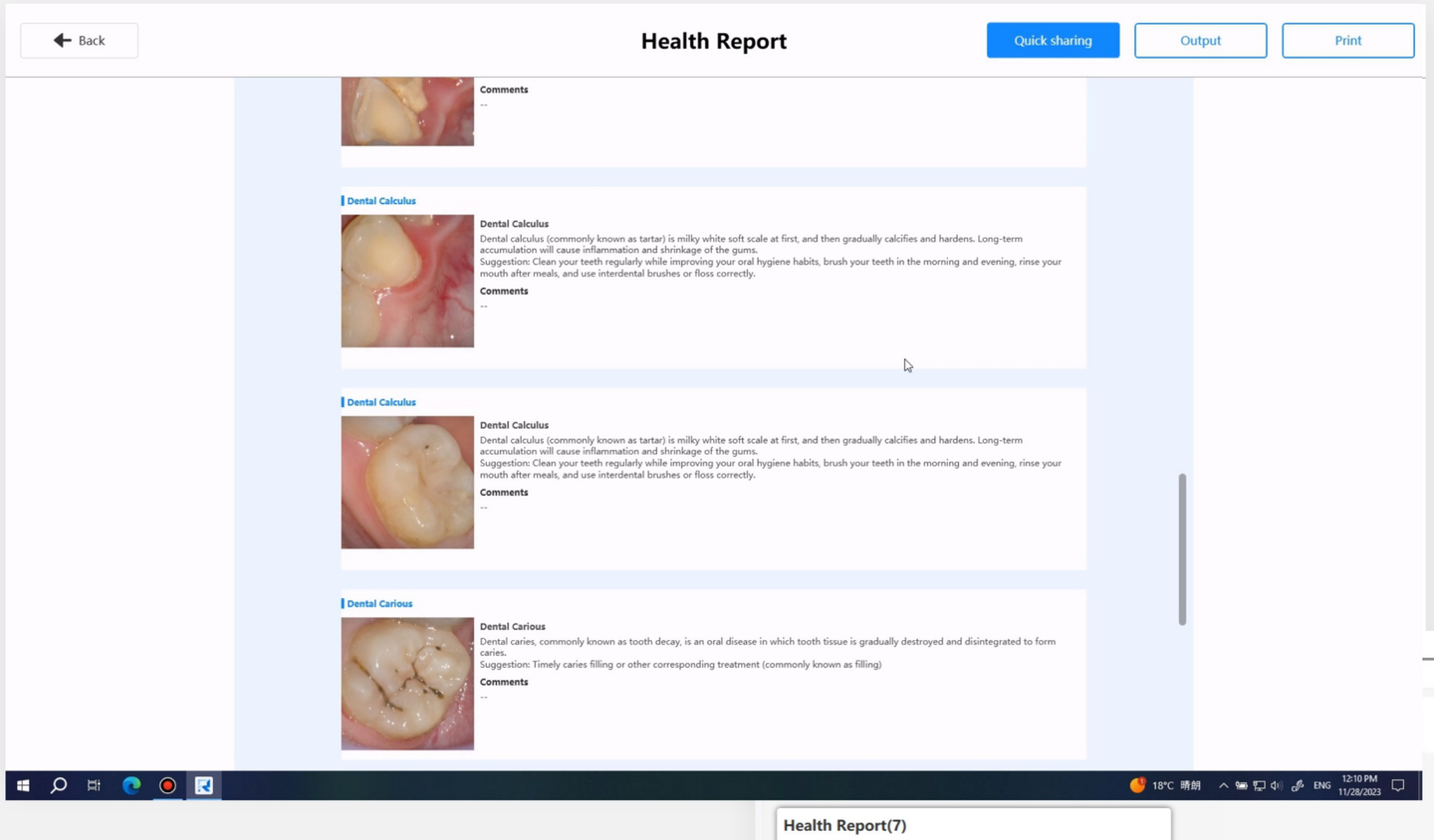
CLOUD SHARING

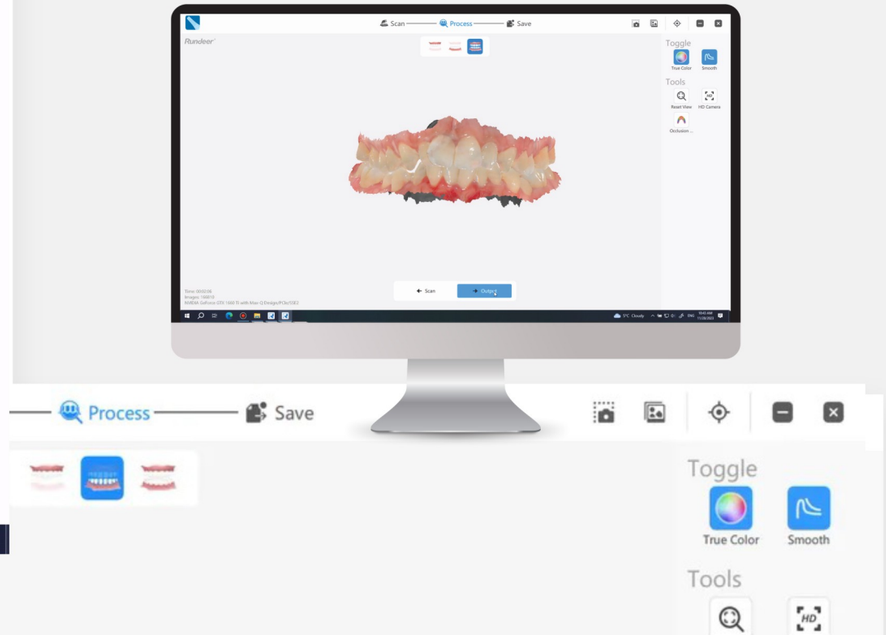






ORAL HEALTH REPORT





Generate Report Automatically

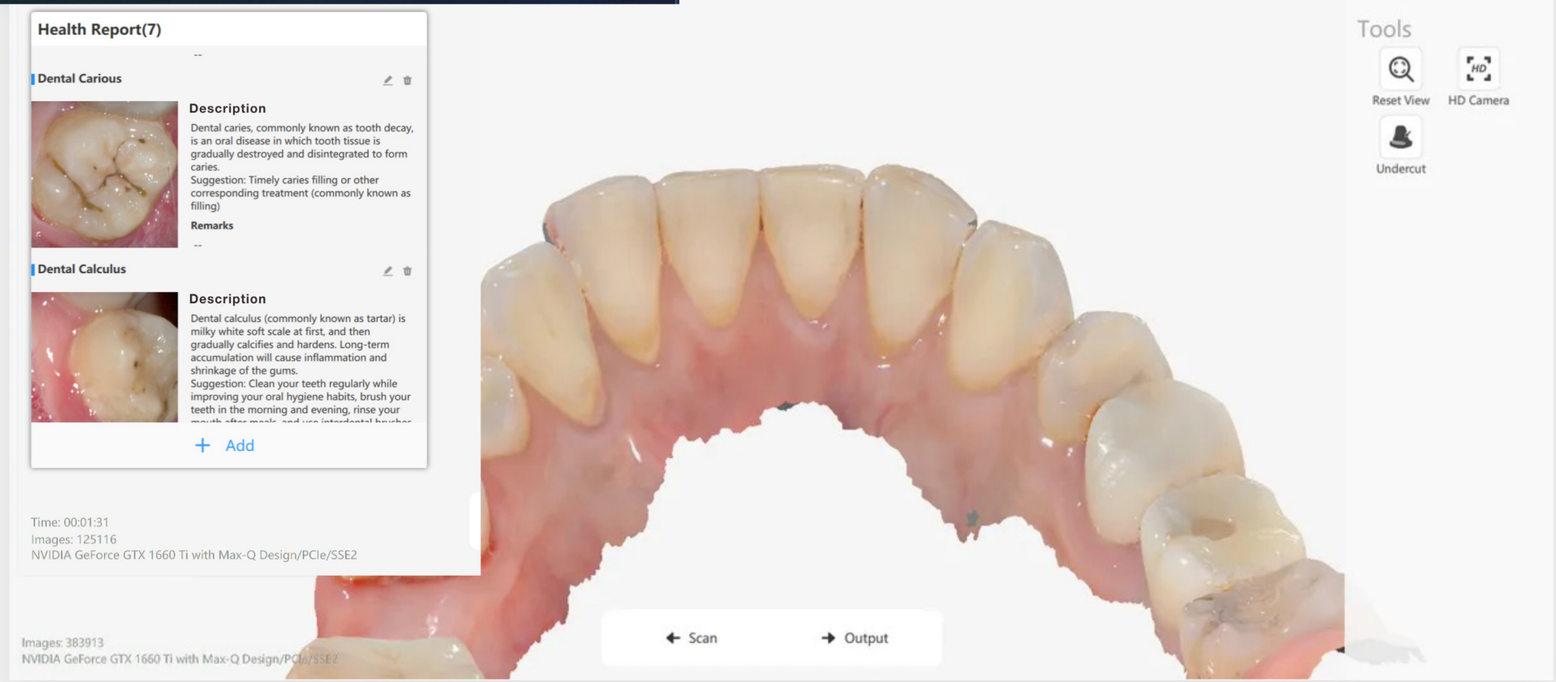
The AI algorithm of deep learning can accurately find and locate the lesion, and generate the patient's oral health report automatically.

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.

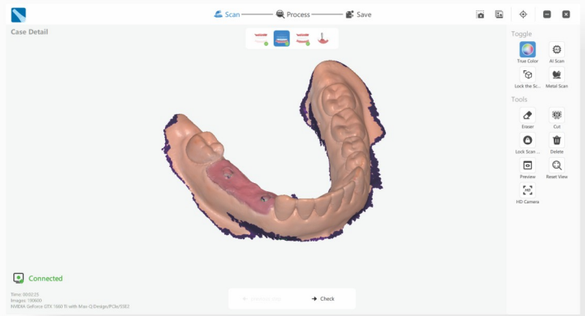
Support Printing Report

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



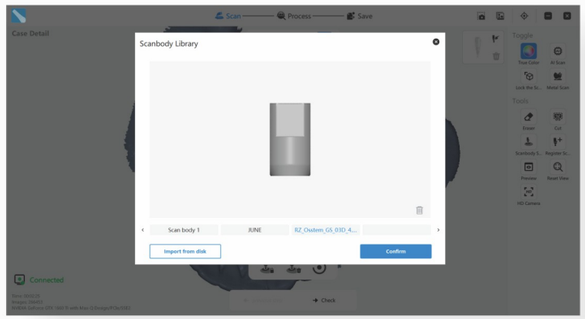
SCAN BODY MATCHING

3 steps to empower clinical implant cases



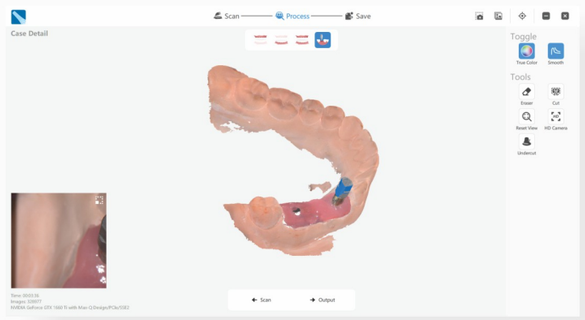
1

Scan the upper and lower jaw



2

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



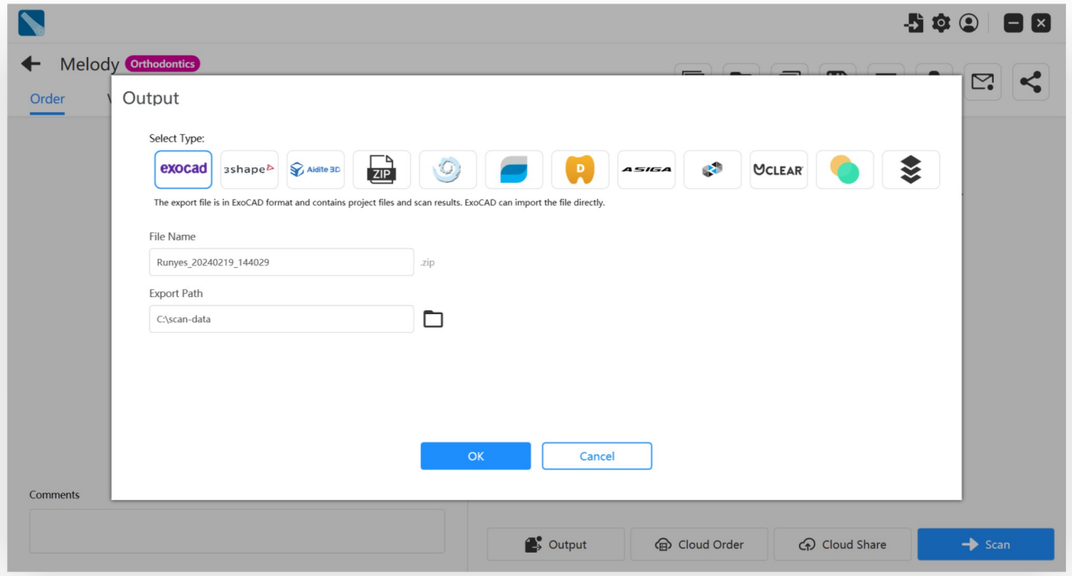
3

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



dental wings A Straumann Group Brand · 3shape · Aidite 3D · BlueSkyBio · LINIZ · exocad · CLEAR · ASIGA · DeepCare

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℃ 16 mins | Autoclavable 134℃ 4 mins

Scanner Tip

Single Arch: 30s | **Full Arch with Occlusion:** 90s

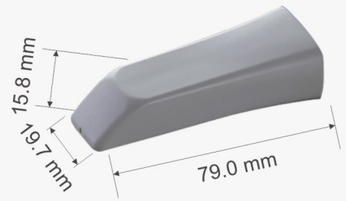
Other

Base: Small base without cables connection | **Export File:** STL, PLY, OBJ

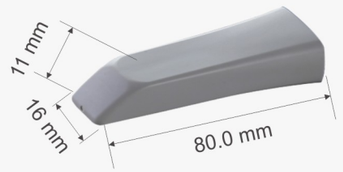
Operating Time: >30000hrs | **Quick Reset:** Yes | **Data Optimization:** Yes

Remote Control Function: Yes | **Calibration:** Calibration free

Multilingual System: Chinese, English, French, Spanish, Russian, Portuguese, Italian, Greek, Polish, Romanian, Japanese, Korean, Turkish, Czech, German



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 SSD 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

COLOR OPTION



IOS Station

Data Acquisition Unit

Touchscreen

Adjustable Height



- **Computer Configuration**
  - Operating System: Windows 11
  - Touch Screen Size: 23.6-inch
  - Processor: 12th Gen Intel Core i7-12700
  - Graphics Card: RTX 3060
  - Memory: 32GB DDR4
  - Storage: 1TB Solid State Drive(SSD)
  - Resolution: 1920*1080
  - Audio: Built-in 2.0 channel high-quality speakers