

FUSSEN

S6500 BASIC

INTRAORAL SCANNER



CE NMPA FDA LISTED

V1.0 20241101

ABOUT FUSSEN

FUSSEN is a leading global provider of digital solutions for dentistry. Since its establishment in 2010, FUSSEN has been committed to providing comprehensive digital solutions for dental clinics, facilitating the digitized management of imaging equipment and supporting the dental industry in achieving full lifecycle management. Our products are distributed in over 80 countries worldwide, serving over 80,000 dental clinics globally. With a rich product line and advanced software functionalities, we offer diverse product combinations to meet the unique needs of different clinics and markets, making us the preferred choice for dental professionals.



INTRAORAL IMAGING SYSTEM

EASY SCANNING AT HAND

**Autoclavable
Scanning Tips**

**Open System
Compatibility**

**No Licence
Fees**

**No Calibration
Needed**

Plug & Scan

**User Friendly
Interface**

**Designed For All
Dental Treatments
(Orthodontics,
Prosthodontics,
Implants, Dentures)**



Revolutionary Tip

Instant heating technology
Disinfection with 134°C in 4 mins

FOV Increased by 40%

2X Speed up

G-Motion Control

Prevents cross-infection and
brings an easier scanning
experience

2 Scanning Tip Options

Meets different clinical
demands



Standard Pediatric

As Light As 240g

Reduces operational fatigue

PLUG & SCAN

Direct connection with ultimate
ease and mobility

DentalFlex

POWERED BY AI



Open System

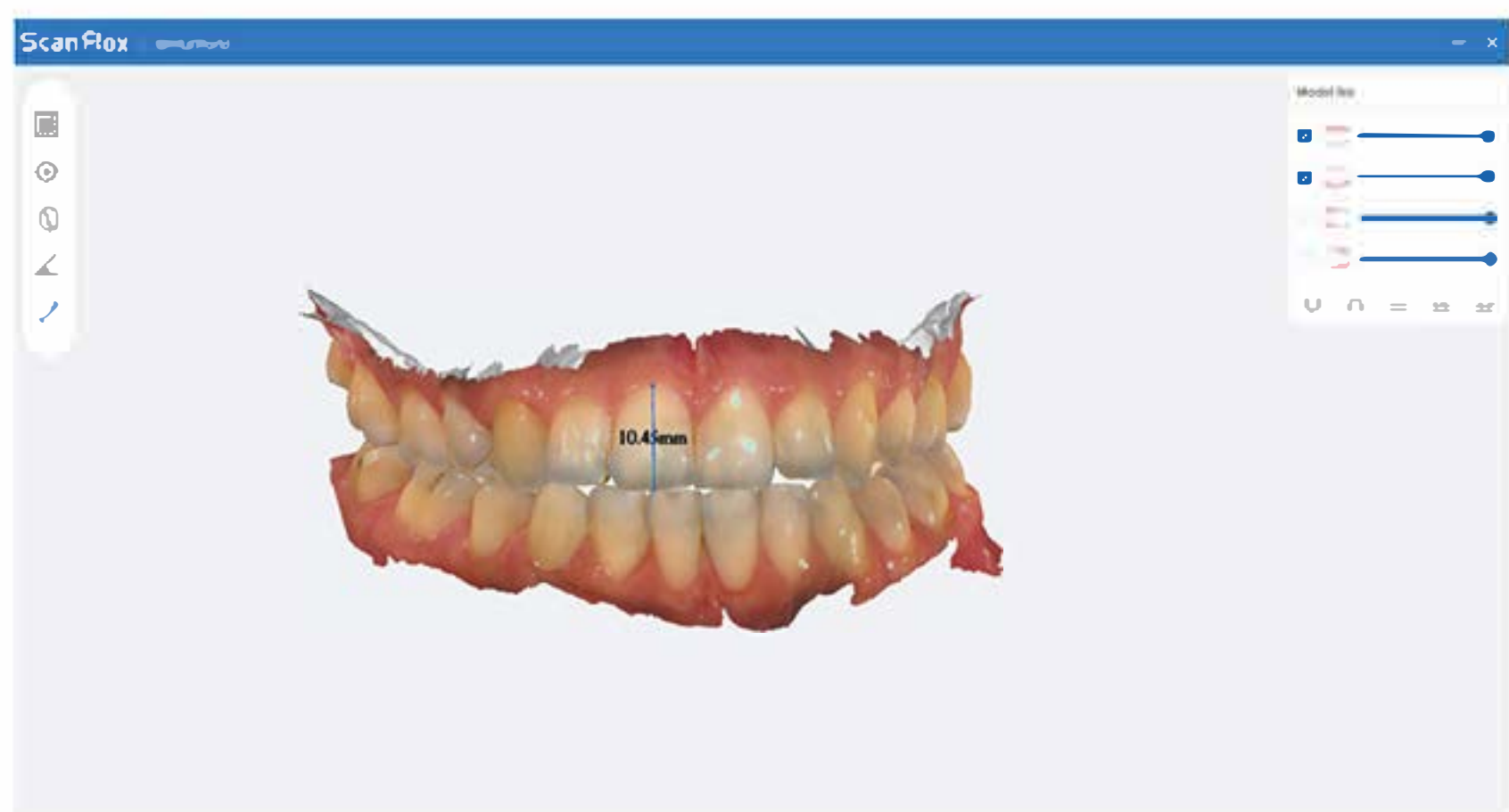


Maximum Flexibility



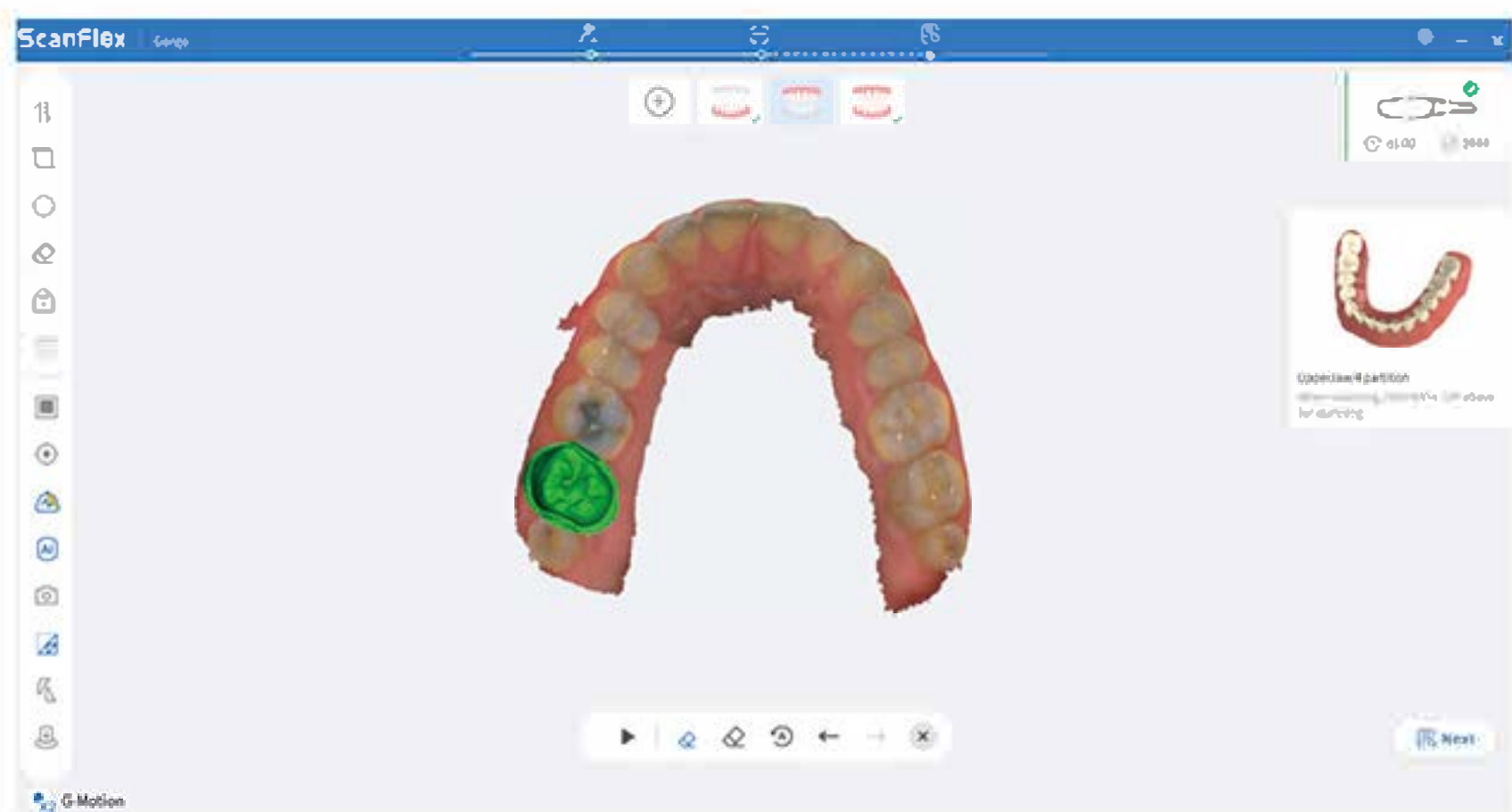
Cloud-Based Storage

ADVANCED DIGITAL TOOLS



- **Measurement Tools**

Make reliable measurements on your digital files



- **Working Area Selection**

Increases mesh density once optimization is finished



- **Locking Tool**

To protect the data of the area in case of rescanning

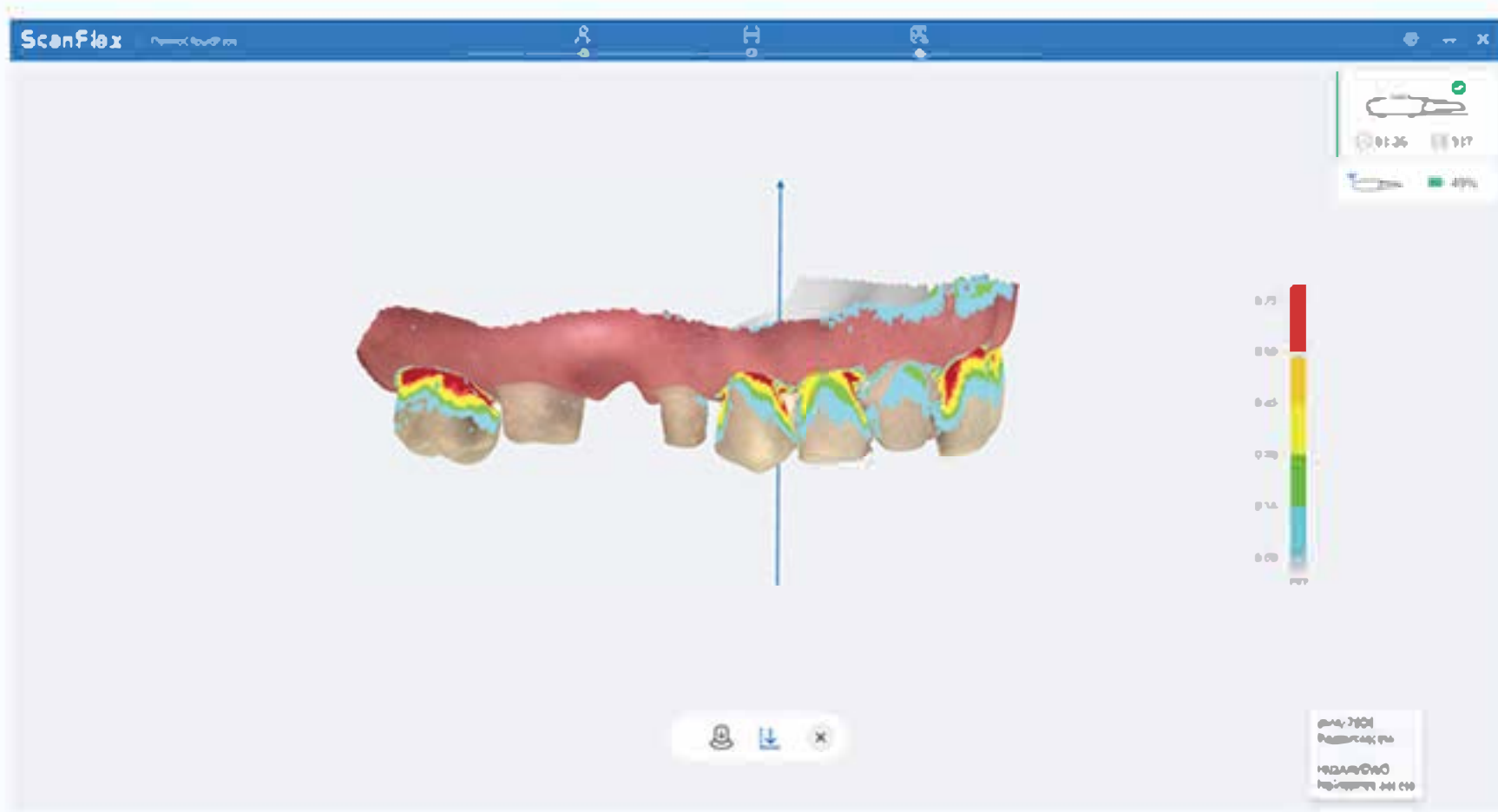


- **Island Delete**

Identifies and deletes the isolated data and area with a single click

DIRECT CONNECTION TO CLOUD WITH ONE CLICK





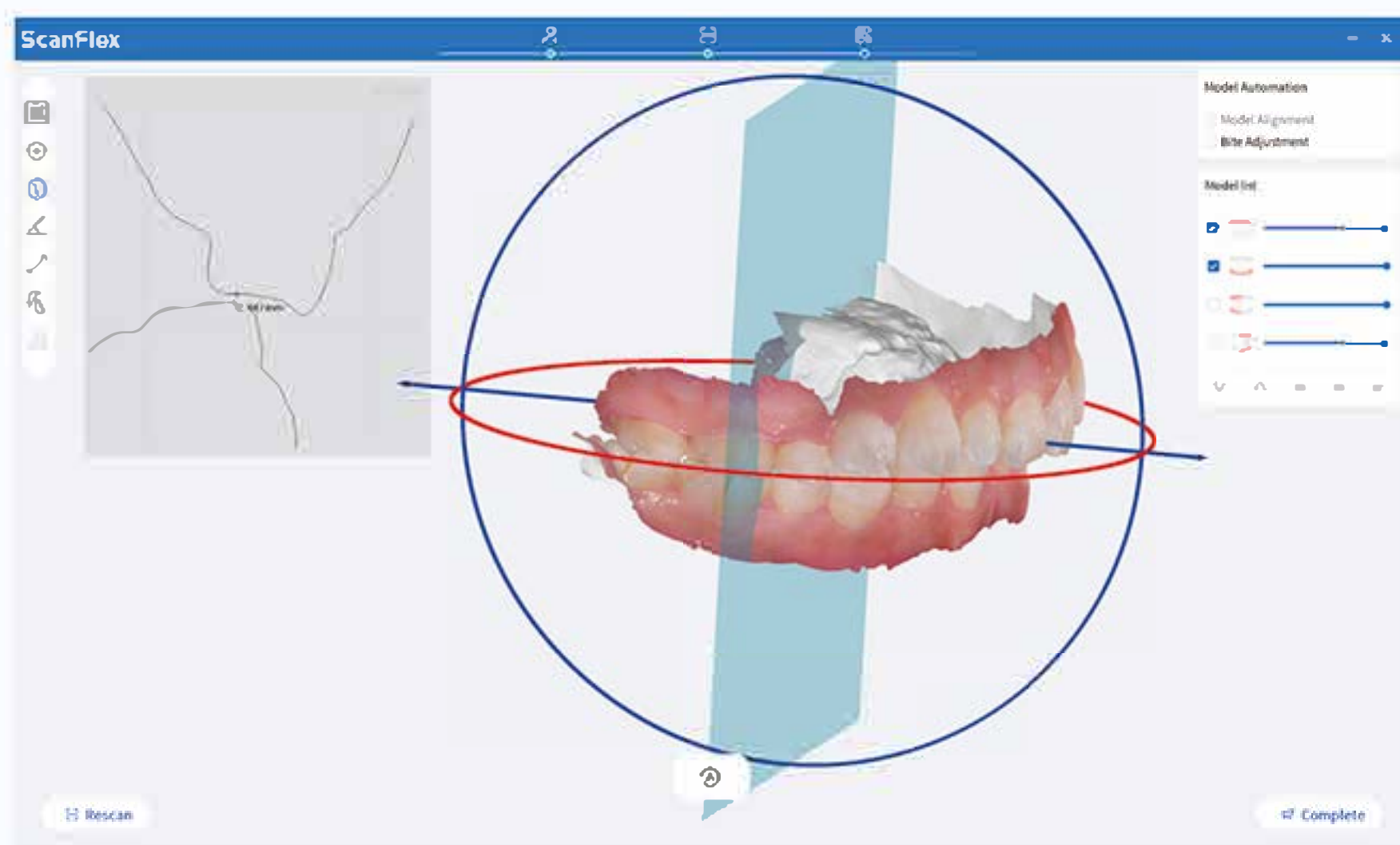
● Undercut Analysis

Ensures the best fit for your restoration



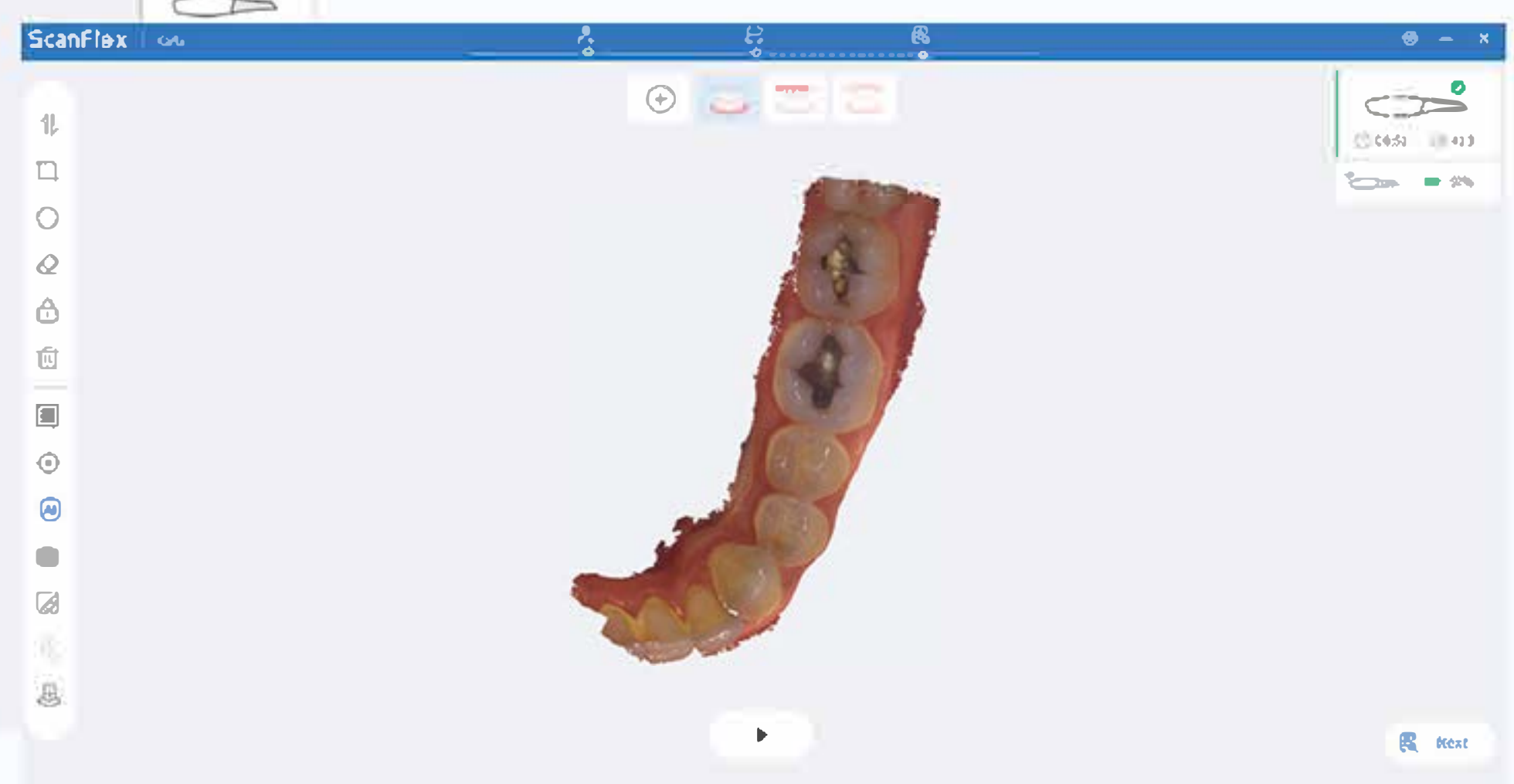
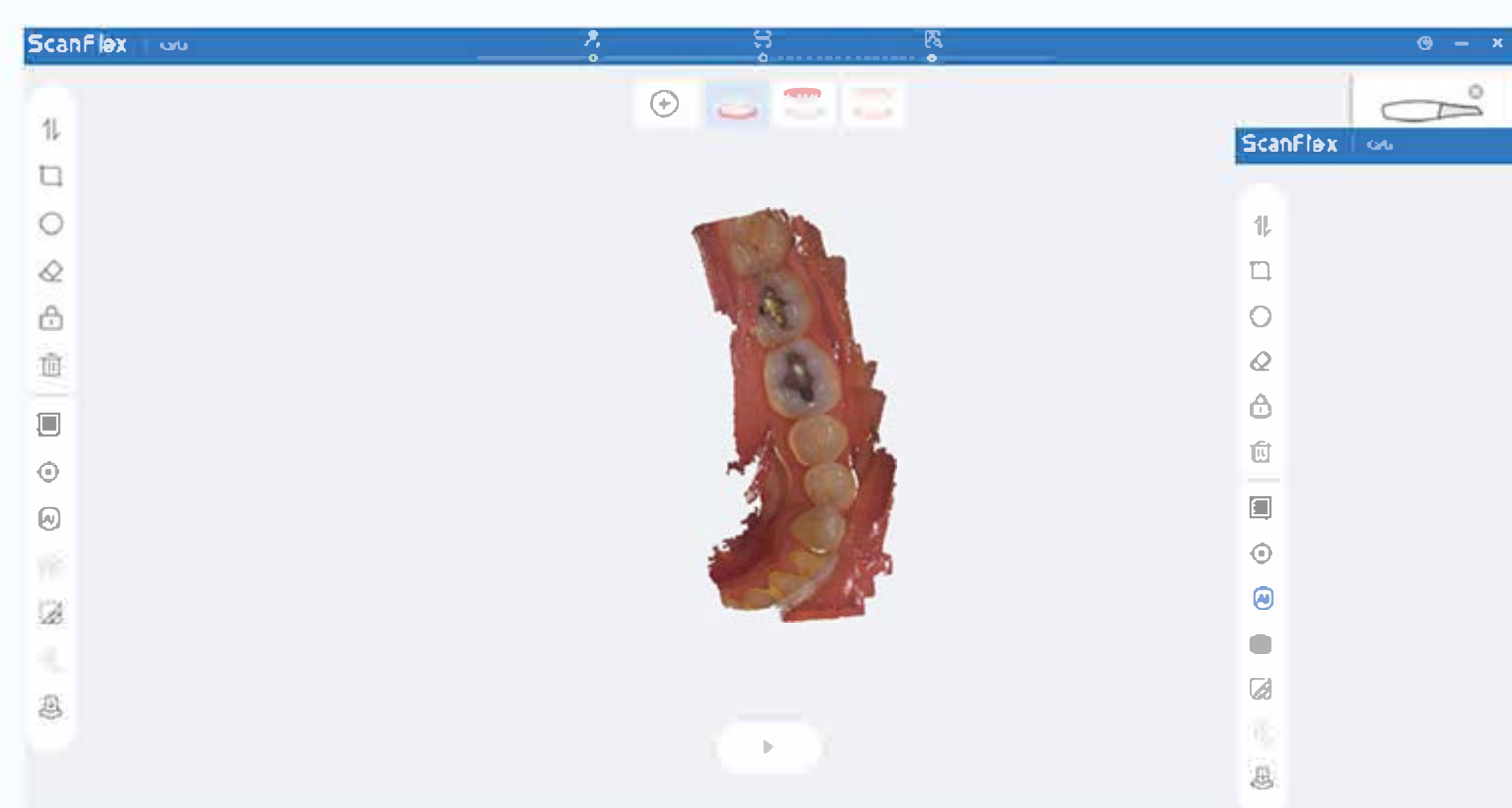
● Occlusion Analysis

Allows contact points observation and measurement in mm



● 2D Section Measurement

Enables accurate visualization of the restoration-occlusion distance, accelerating the clinical clearance



● Smart Filter

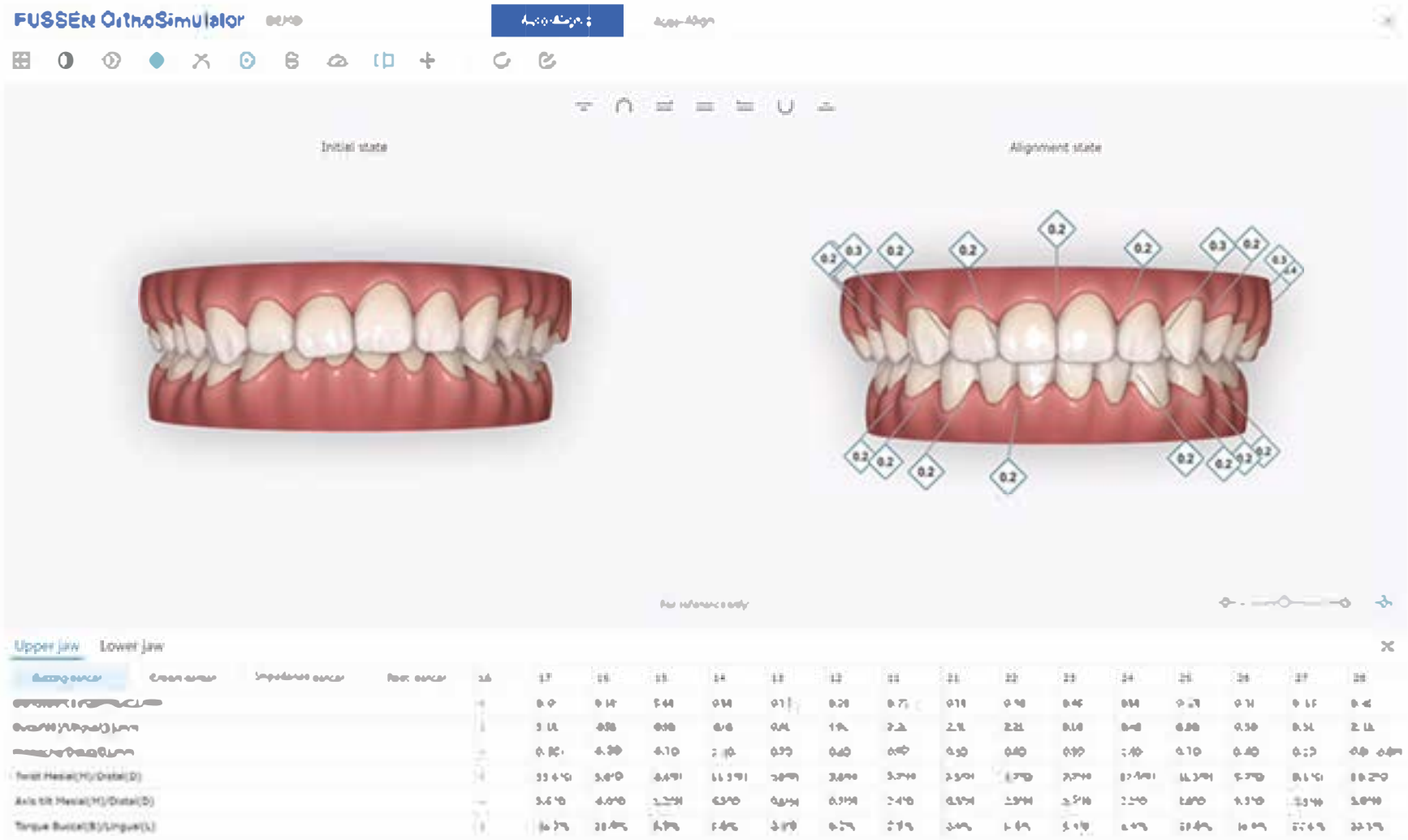
Automatically identifies and filters out unnecessary data such as gloves, tongue, lips, oral mucosa, and so forth

SMART DIAGNOSIS POWERED BY AI



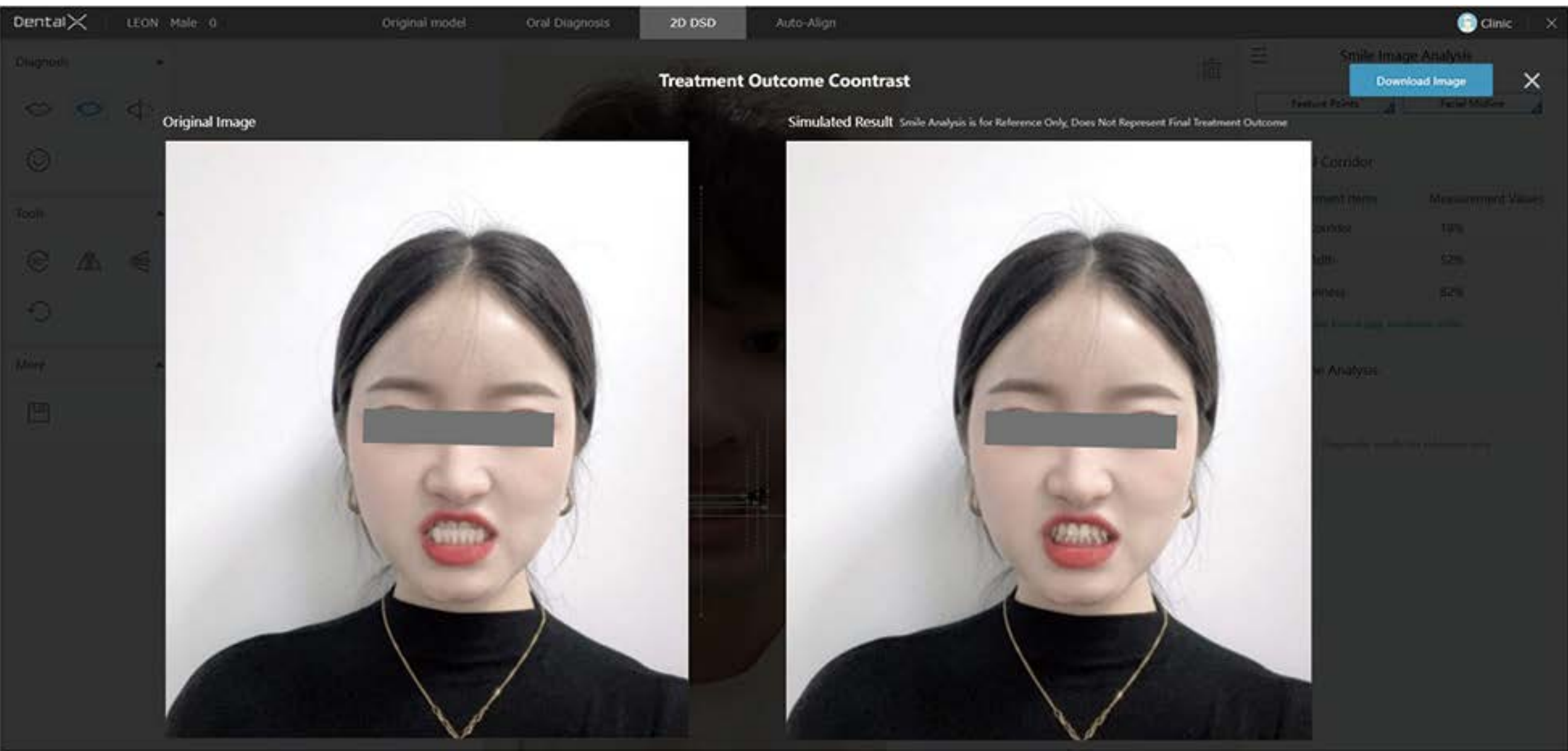
- **Model Builder**

Automatically generates solid model from digital impression data



- **Orthodontic Simulator**

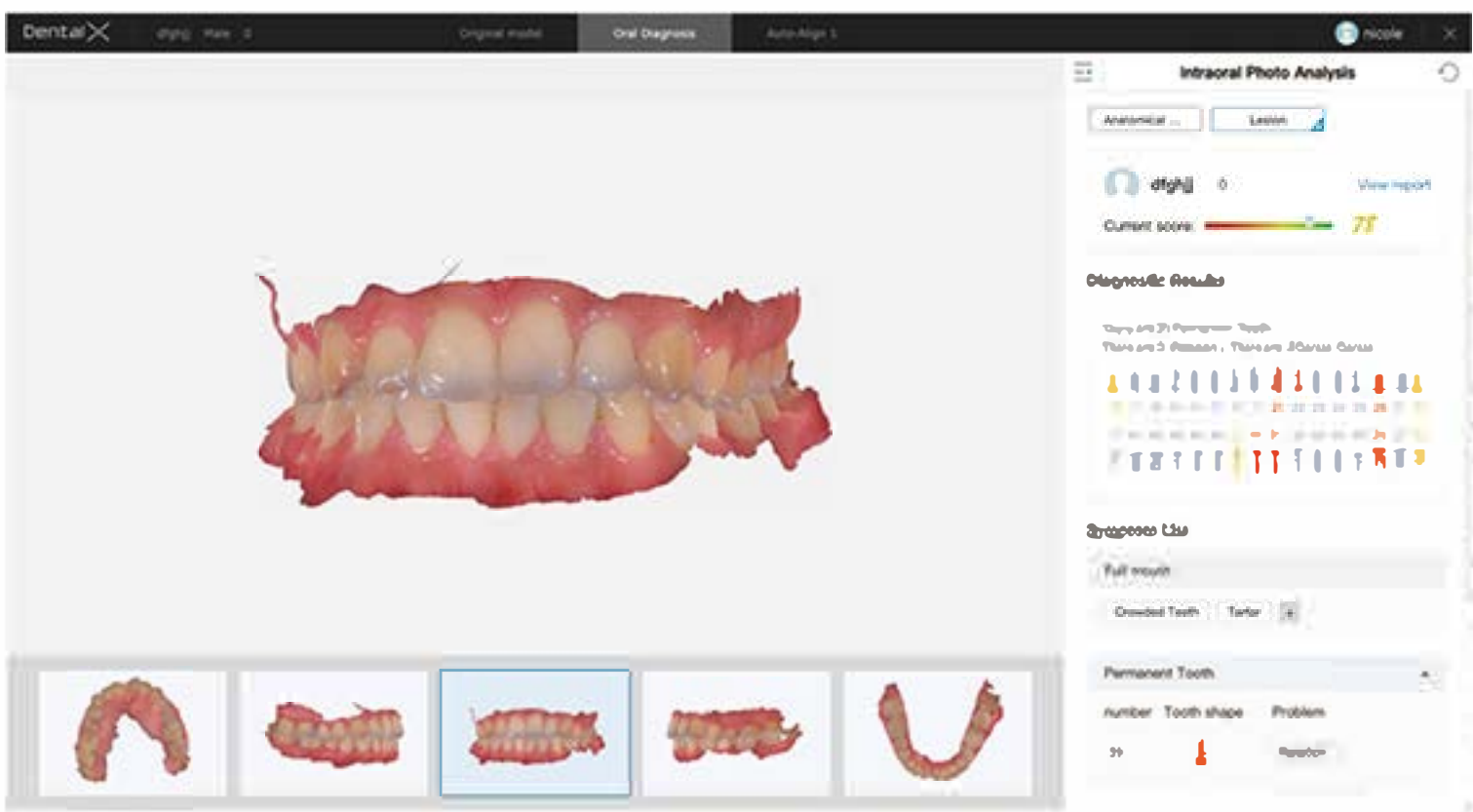
Intelligently visualizes the estimated results of multiple treatment options, displaying up to 2 solutions at one time



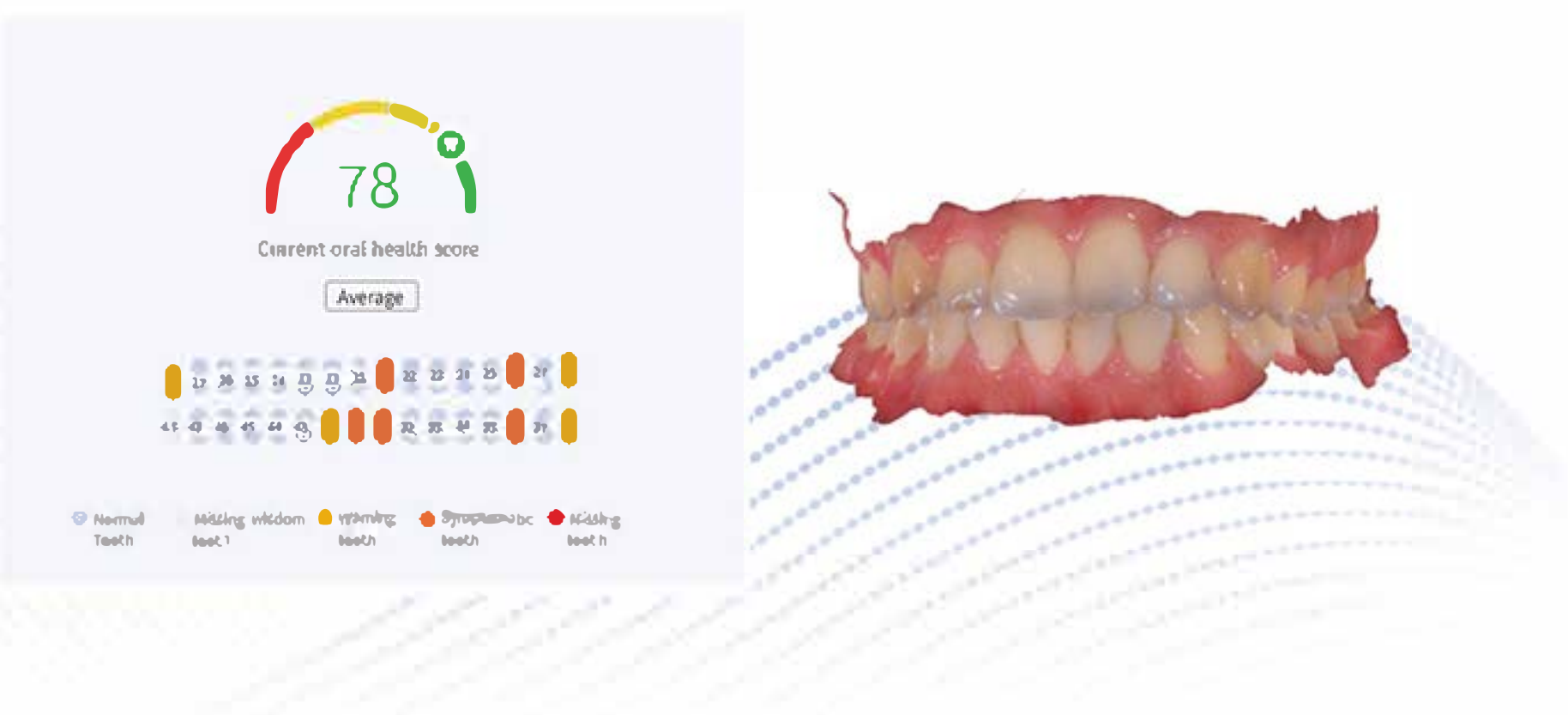
- **Smile Simulator**

The AI-driven future smile simulation visualizes the treatment result with simply just one photo of the patient

SMART DIAGNOSIS



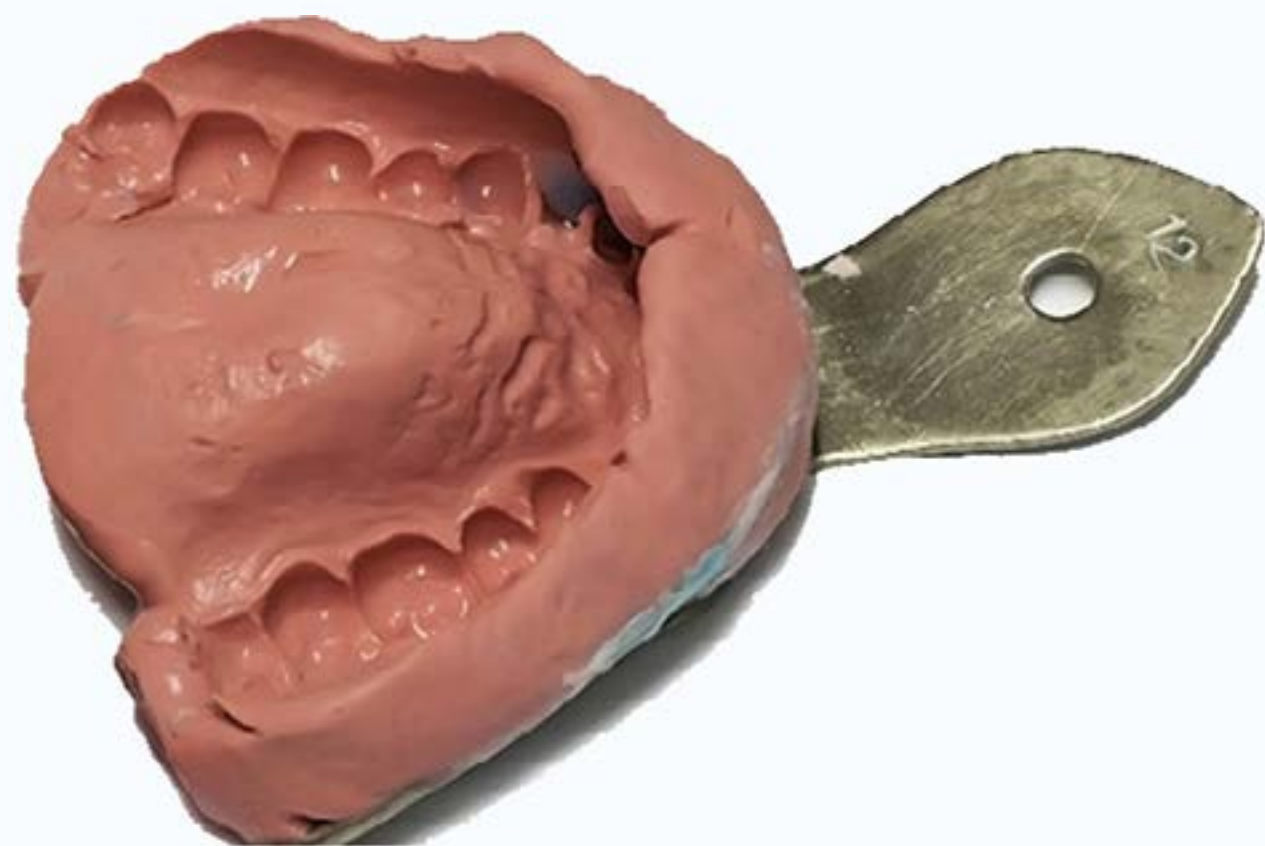
INTUITIVE REPORT



- **Oral Health Report**

Significantly facilitates doctor-patient communication with intuitive and straightforward report

UNLOCK DIGITAL TRANSFORMATION!



Conventional Dental Impression

Long Time Procedure

High Risk of Gag Reflex

Patient Discomfort

Longer Rehabilitation Time for Patient

Possible Communication Errors and Misunderstandings between Dentists and Dental Technicians

Digital Impression With Intraoral Scanner

Short Time Procedure

Minimizes Risk of Gag Reflex

Maximum Patient Comfort

Enables One Single Visit Treatment

Real Time Communication between Dentists and Dental Technicians

TECHNICAL SPECIFICATIONS

MODEL	S6500 BASIC INTRAORAL SCANNER
Accuracy Single Crown	10µm(±1.1µm)
Anti-Fog Technology	Built-in Automatic Heating Fan
Output Format	STL / PLY / OBJ
Cable Length	2 m
Data Transmission	USB 3.0
Scanning Tip Size	Standard: 95.3mm×22.5mm×16.6mm Pediatric: 94mmx17.9mm×13.2mm
Scanning Tips	Standard *3 / Pediatric *1 Autoclavable 134°C in 4 mins, 100-150 times
Depth of Field	0-18 mm
Field of View	Standard: 16*12, Pediatric: 12*9
Weight	≤ 240 g
Scanner Size	240mm(L) x 45mm(W) x 36mm(H)
Operating System Requirements	i7-13700HX 2.10GHz NVIDIA GeForce RTX 4060 6G 32G 1TB SSD / Window 11 64bit Resolution 1920*1080 / USB-Type 3.2 Gen 1