FUSSEN

S10

INTRAORAL SCANNER



CE NMPA FDA LISTED

V1.0 2025

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.



01 FUSSEN

INNOVATED FOR SPEED, OPTIMIZED FOR PRECISION, DESIGNED FOR COMFORT

High Technology Intraoral Scanner

Autoclavable Scanning Tips

Open System Compatibility

User Friendly Interface

No Licence Fees

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



FAST

- **30 fps** boosts scanning efficiency
- Full arch scanning in less than **60s**



- Adult & Pediatric Scanning Tips
- Up to **200** autoclave cycles

LIGHT

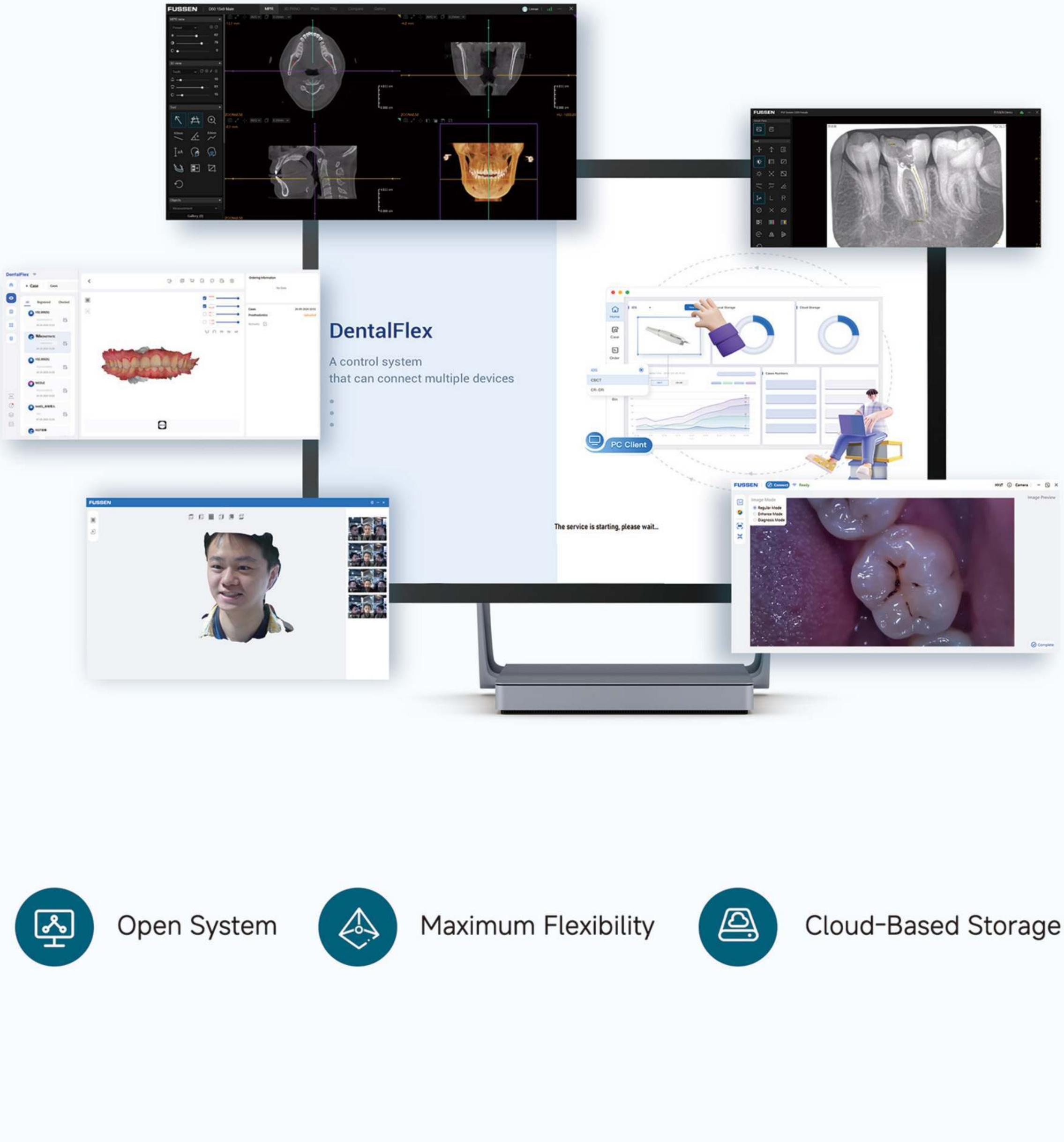
- **215 g**
- Pen-grip design for better experience

PRECISE

- **22mm** DOF makes complex cases scanning easy
- Upgraded optical engine ensures precise and accurate images

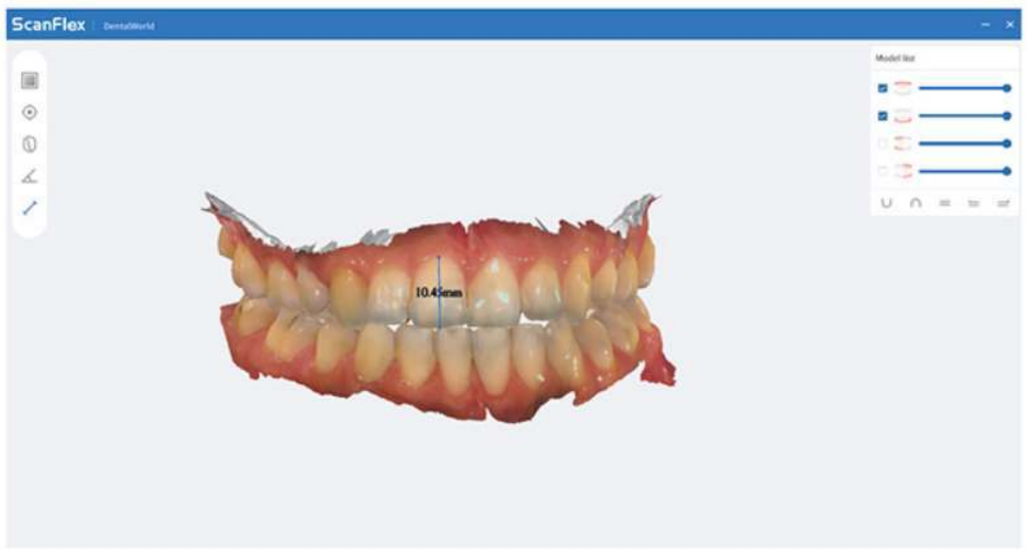
DentalFlex

POWERED BY AI



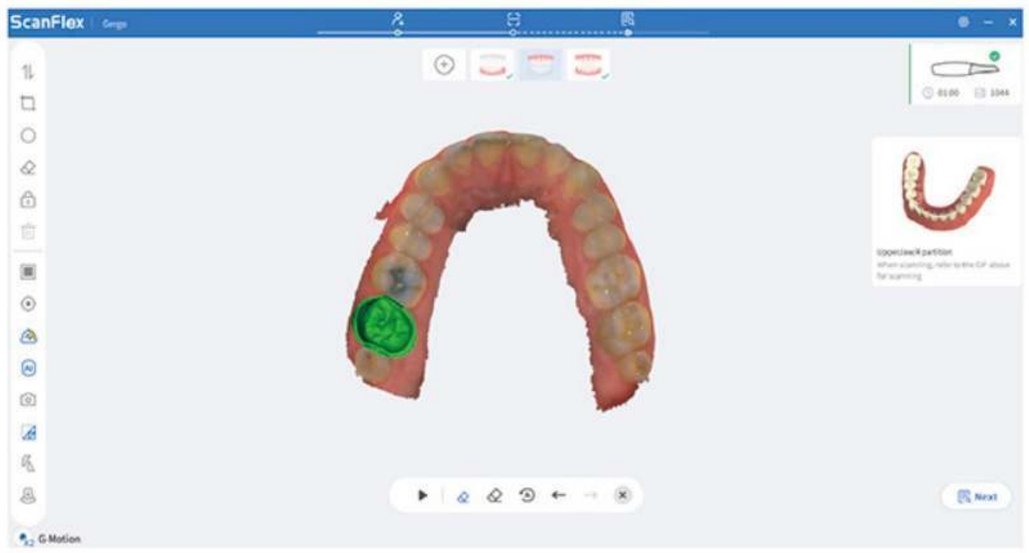
- Open System
- Maximum Flexibility
- Cloud-Based Storage

ADVANCED DIGITAL TOOLS



● Measurement Tools

Make reliable measurements on your digital files



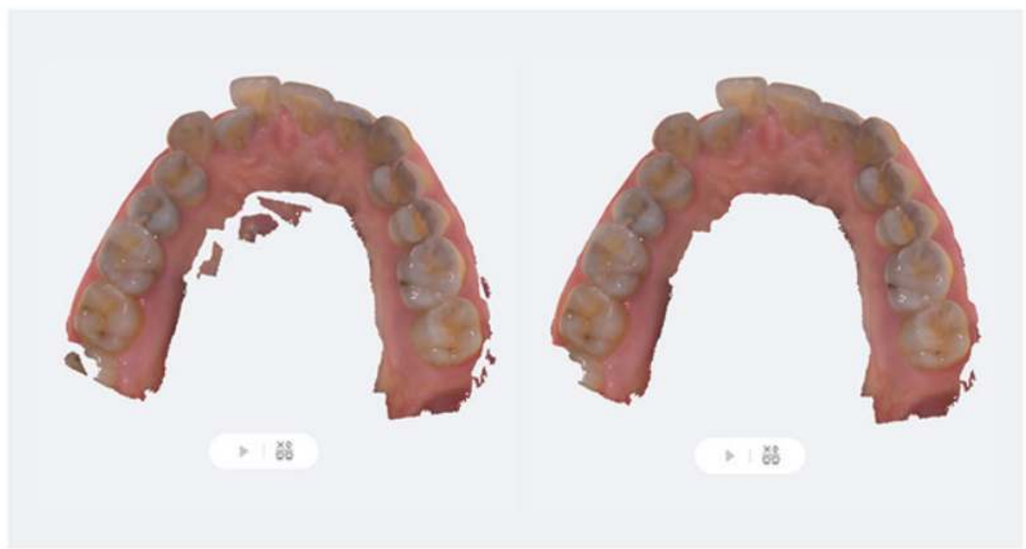
● Working Area Selection

Increases mesh density once optimization is finished



● Locking Tool

To protect the data of the area in case of rescanning

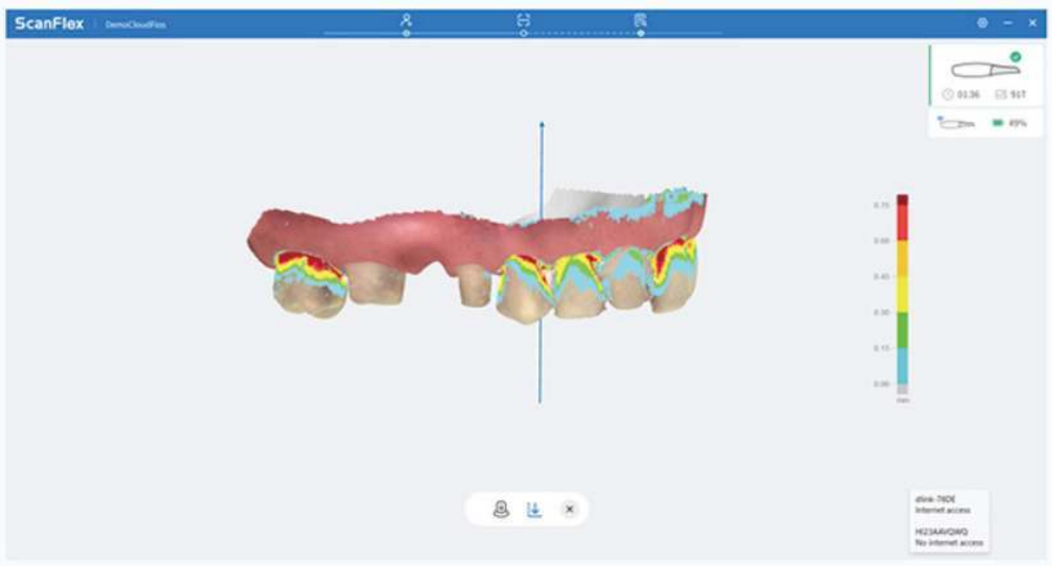


● Island Delete

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

DIRECT CONNECTION TO CLOUD WITH ONE CLICK





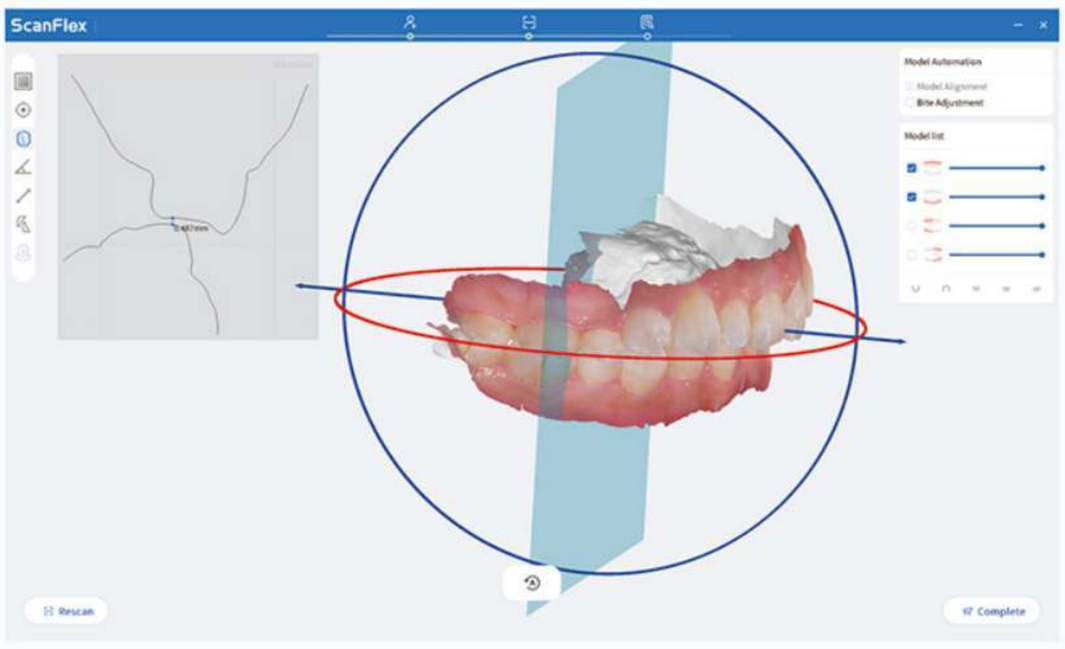
Undercut Analysis

Ensures the best fit for your restoration



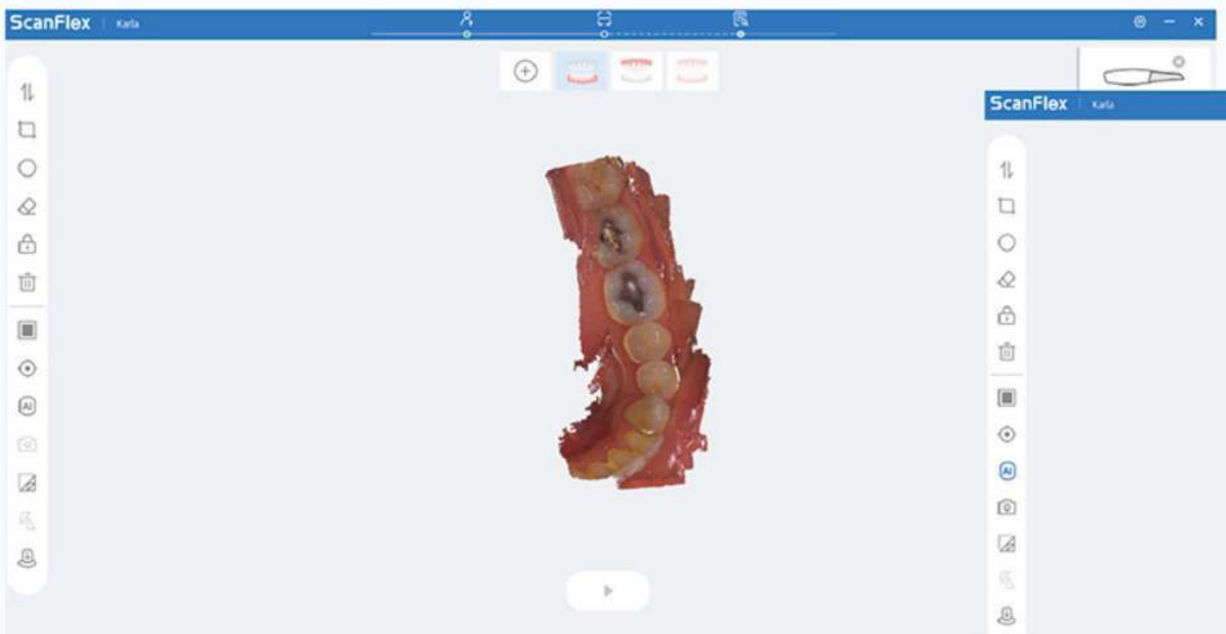
Occlusion Analysis

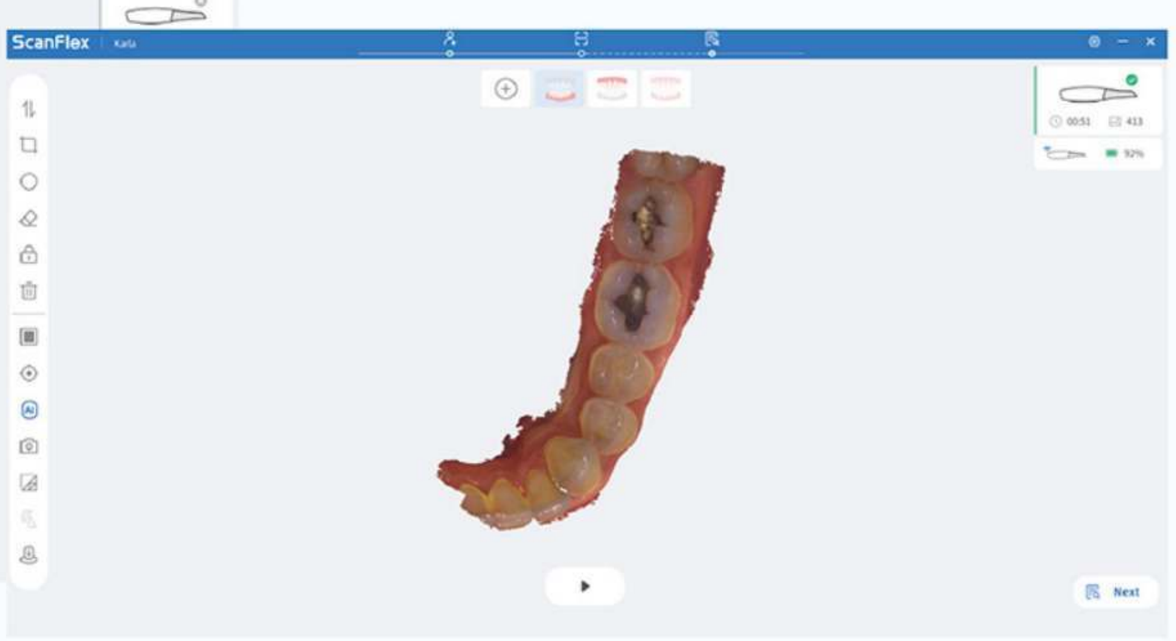
Allows contact points observation and measurement in mm



2D Section Measurement

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





Smart Filter

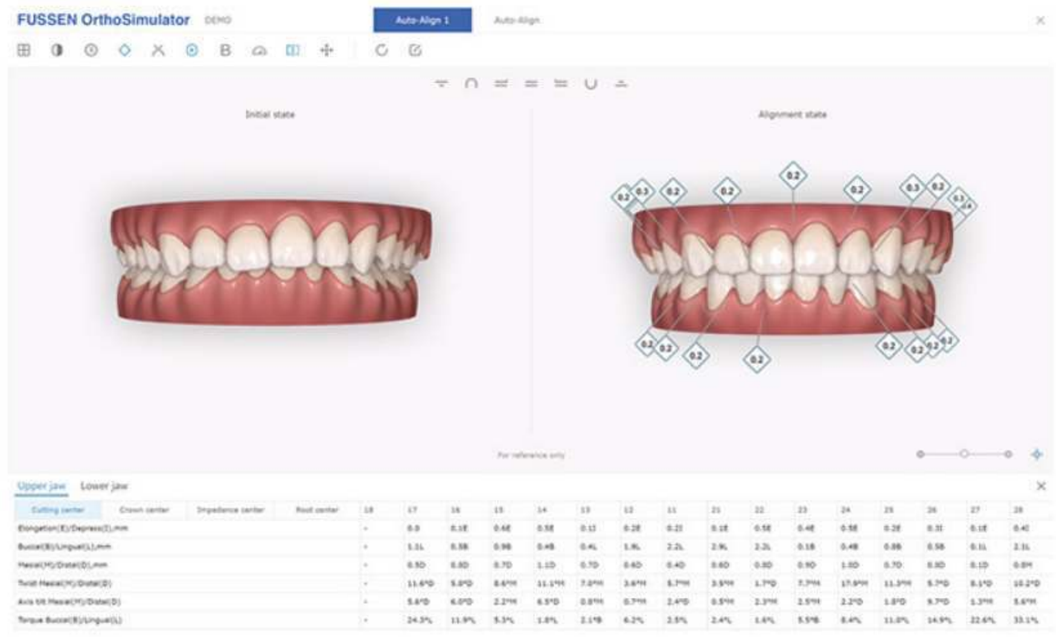
Automatically identifies and filters out unnecessary data such as gloves, tongue, lips, oral mucosa, and so forth

SMART DIAGNOSIS POWERED BY AI



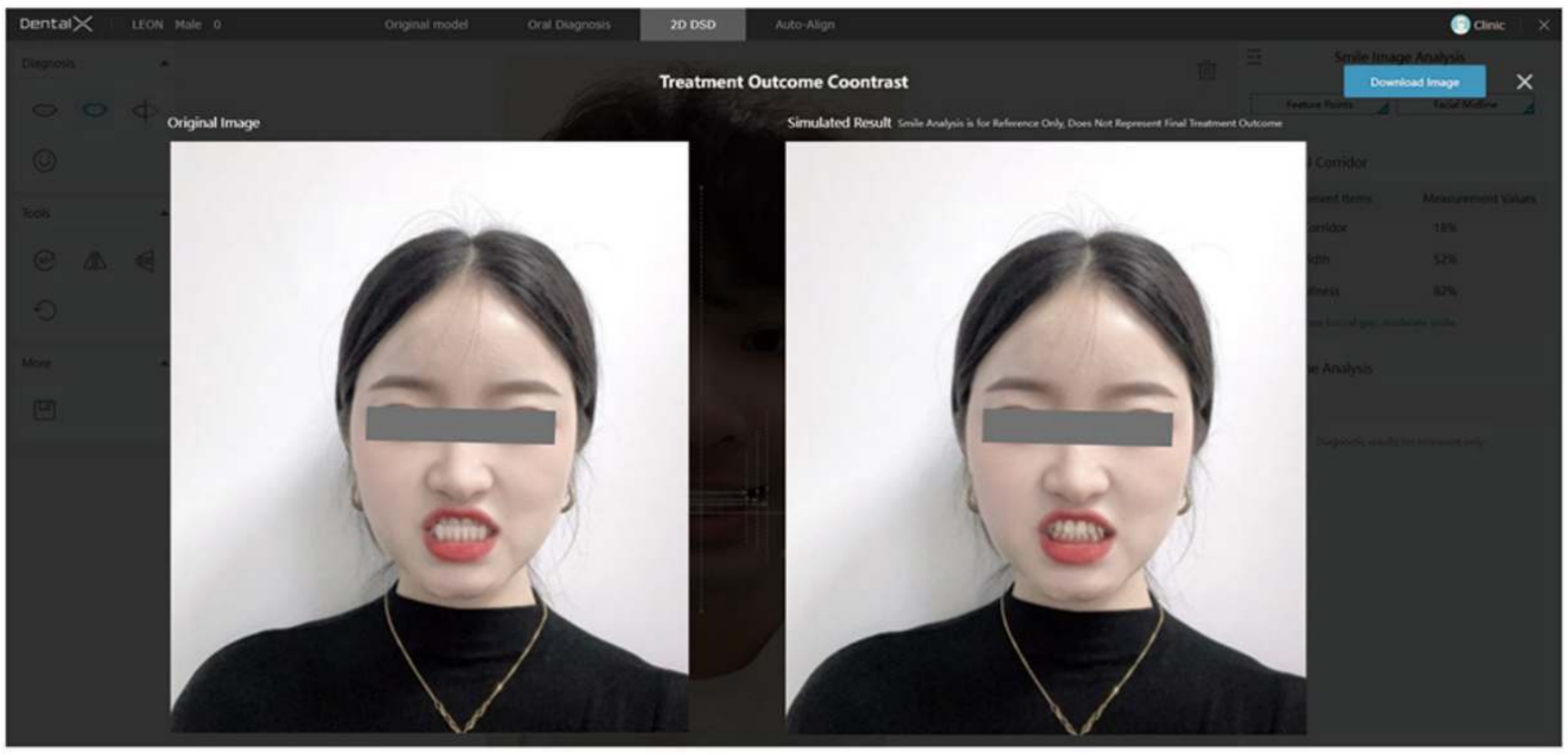
Model Builder

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

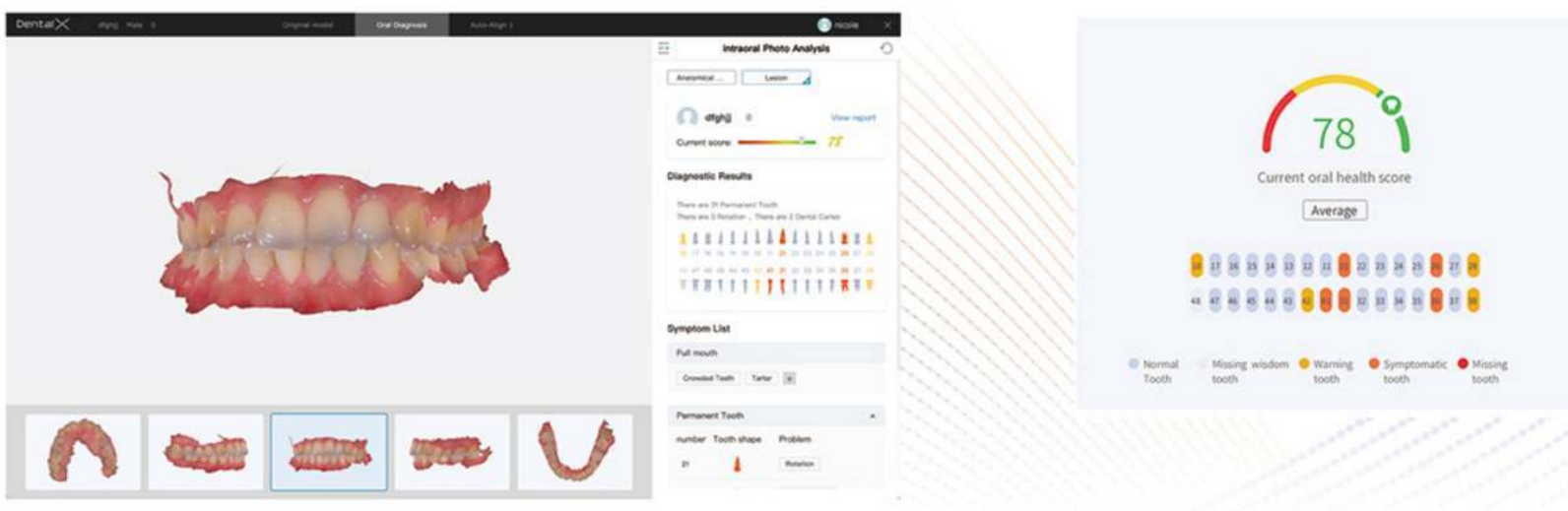


Smile Simulator

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

SMART DIAGNOSIS

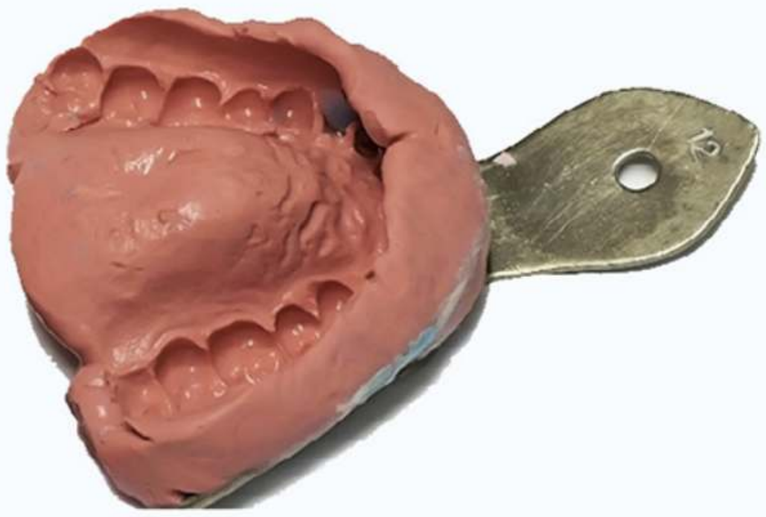
INTUITIVE REPORT



Oral Health Report

Significantly facilitates doctor-patient communication with intuitive and straightforward report

UNLOCK DIGITAL TRANSFORMATION!





Conventional Dental Impression	Digital Impression With Intraoral Scanner
Long Time Procedure	Short Time Procedure
High Risk of Gag Reflex	Minimizes Risk of Gag Reflex
Patient Discomfort	Maximum Patient Comfort
Longer Rehabilitation Time for Patient	Enables One Single Visit Treatment
Possible Communication Errors and Misunderstandings between Dentists and Dental Technicians	Real Time Communication between Dentists and Dental Technicians

TECHNICAL SPECIFICATIONS

MODEL	S10 INTRAORAL SCANNER
Accuracy Single Crown	⩽ 10 μm
Anti-Fog Technology	Built-in Automatic Heating
Output Format	STL / PLY / OBJ
Cable Length	2 m
Data Transmission	USB 3.2
Scanning Tips	Standard *3 / Pediatric *1 Autoclavable 134°C in 4 mins, 200 times
Depth of Field	-2-20 mm
Field of View	Standard: 16*12mm, Pediatric: 12*10mm
Weight	215g
Scanner Size	230mm(L) x 37mm(W) x 29mm(H)
Operating System Requirements	i7-13700HX 2.10GHz NVDIA GeForce RTX 4060 6G 32G 1TB SSD / Window 11 64bit Resolution 1920*1080 / USB-Type 3.2 Gen 1



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