

S6500

INTRAORAL SCANNER

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 50 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.



DENTAL VALUED PRODUCTS

REDEFINING DIGITAL DENTISTRY

Autoclavable
Scanning Tips

Open System
Compatibility

No Licence
Fees

No Calibration
Needed

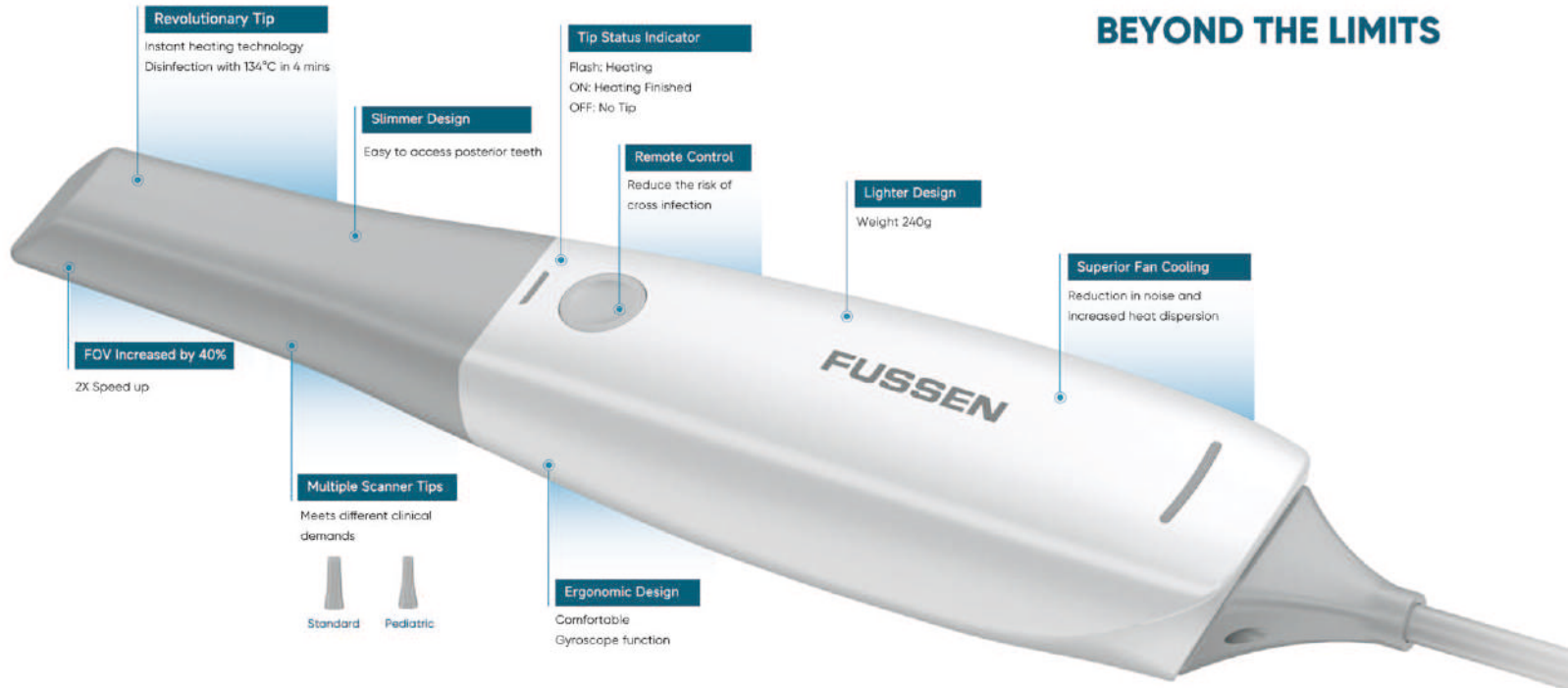
High Technology
Intraoral Scanner

User Friendly
Interface

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



BEYOND THE LIMITS



Revolutionary Tip

Instant heating technology
Disinfection with 134°C in 4 mins

Slimmer Design

Easy to access posterior teeth

Tip Status Indicator

Flash: Heating
ON: Heating Finished
OFF: No Tip

Remote Control

Reduce the risk of
cross infection

Lighter Design

Weight 240g

Superior Fan Cooling

Reduction in noise and
increased heat dispersion

FOV Increased by 40%

2X Speed up

Multiple Scanner Tips

Meets different clinical
demands



Ergonomic Design

Comfortable
Gyroscope function

DentalFlex

SCANNING HAS NEVER BEEN SO EASY!

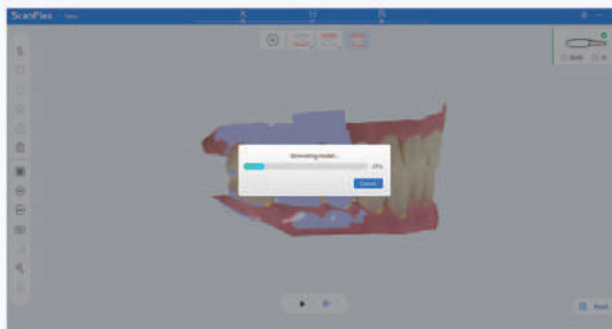
Take a look at our seamless scanning workflow



Complete Scan Time
3-5 Min Approx



Bite Alignment Time
5 Sec Approx

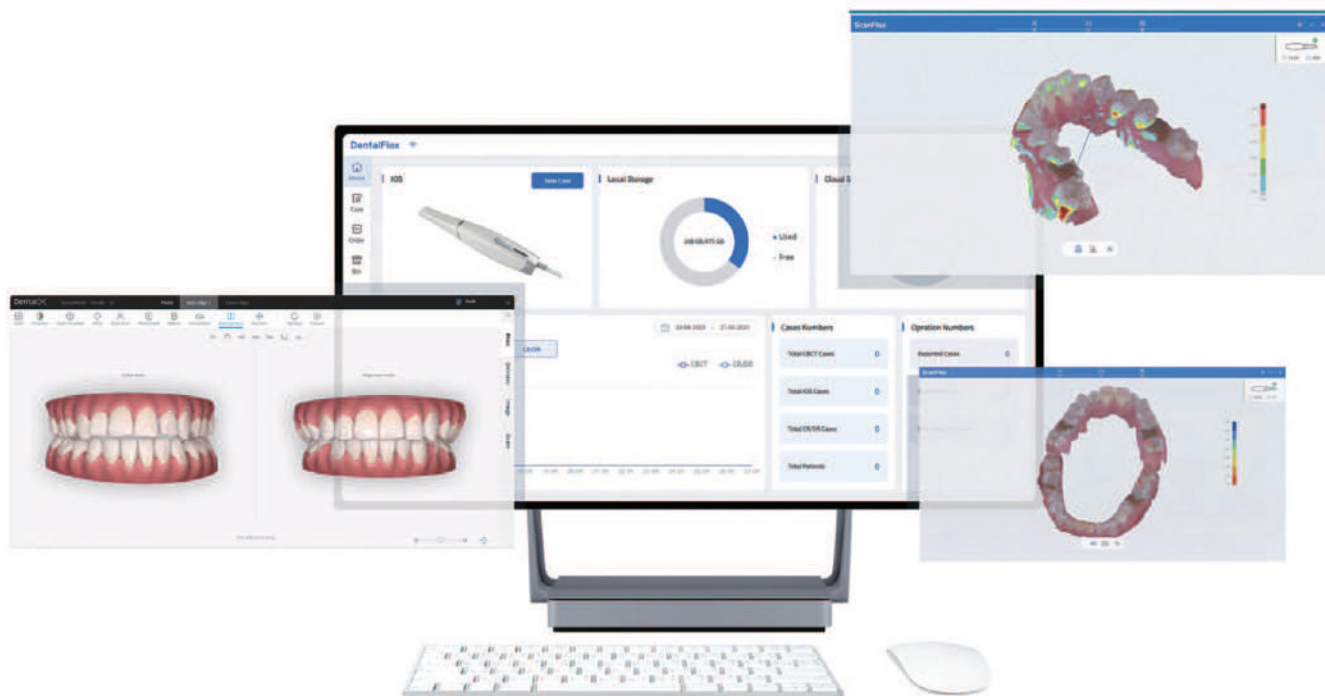


Optimization Process
1-2 Min Approx

DIRECT CONNECTION TO CLOUD WITH ONE CLICK

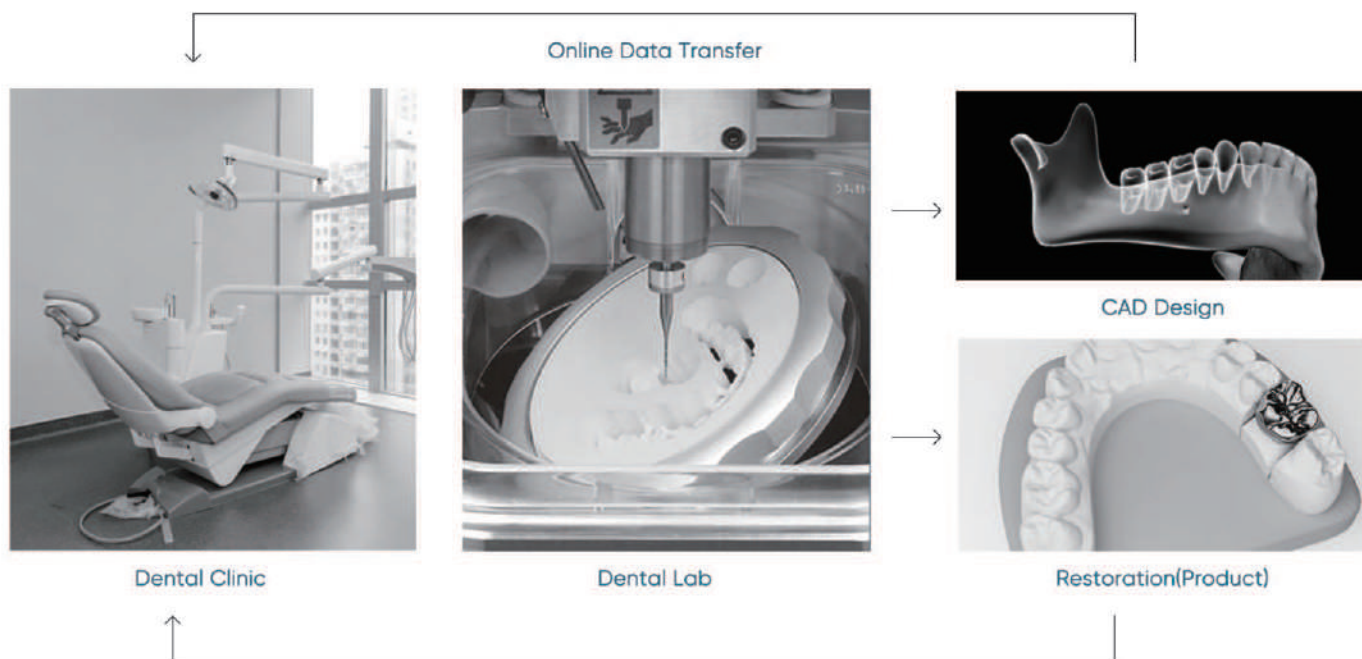


CLINICAL PROCEDURES MADE EFFICIENT



OPEN FILE EXPORT

Export with .STL,.PLY,.OBJ format, that is compatible with all Dental CAD Softwares (Exocad / 3Shape / Dental Wings)



DentalFlex

ADVANCED DIGITAL TOOLS



● Measurement Tools

Make reliable measurements on your digital files



● Working Area Selection

Increases mesh density once optimization is finished



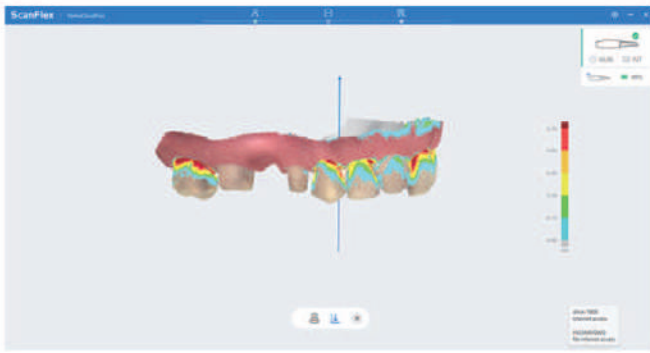
● Locking Tool

To protect the data of the area in case of rescanning



● Reliability Map

Shows the areas of unreliable data with orange color



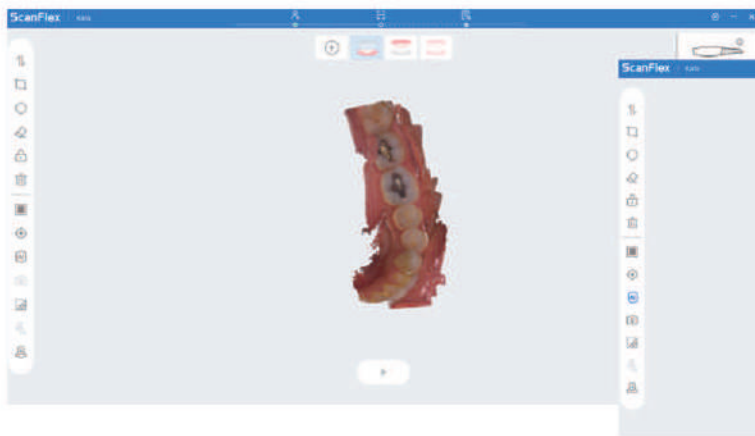
- **Undercut Analysis**

Ensures the best fit for your restoration



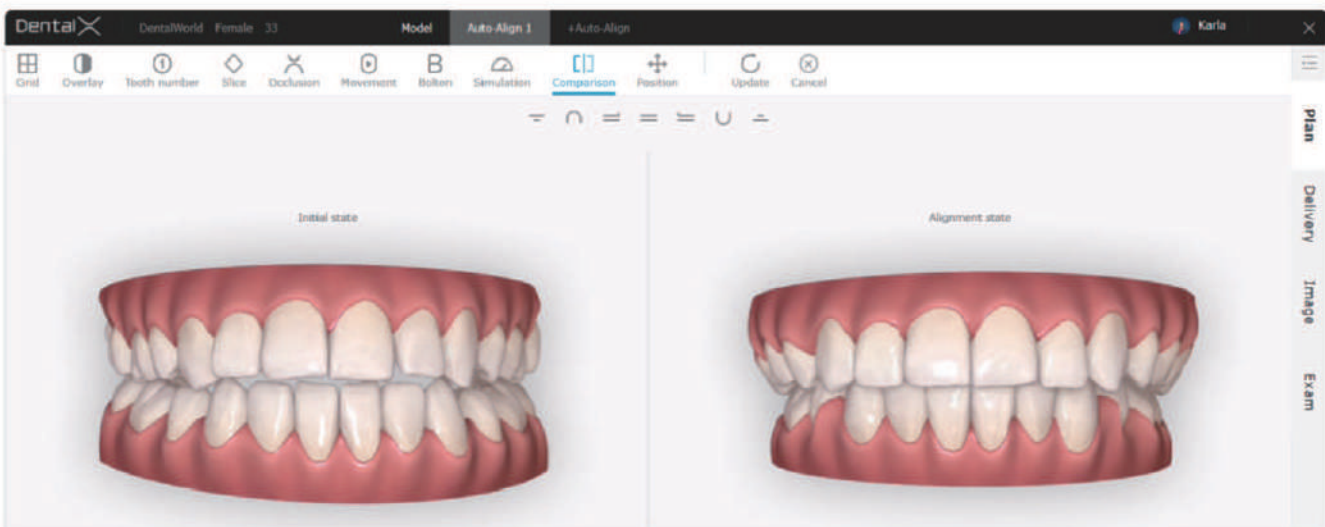
- **Occlusion Analysis**

Allows contact points observation and measurement in mm



- **Artificial Intelligence**

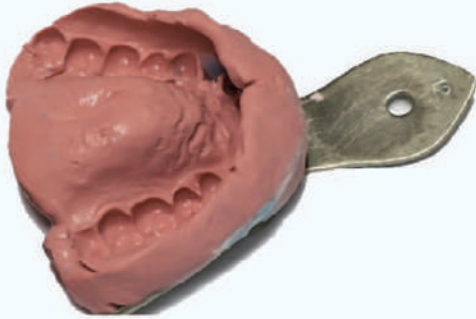
Automatically removes any unnecessary data such as gloves, tongue, lips, oral mucosa, etc



- **Orthodontic Simulator**

Engages patient in their orthodontic treatment and enhances communication between clinician and patient

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	INTRAORAL SCANNER S6500
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
Scan Head Size	Standard: 95.3mm×22.5mm×16.6mm Pediatric: 94mm×17.9mm×13.2mm
Scanning Tips	Standard *3 / Pediatric *1 Scanning Tips 121°C for 30min Autoclavable 100-150 times
Weight	≤ 240 g
Scanner Size	240mm(L) x 45mm(W) x 36mm(H)
Sensor	High speed CMOS
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



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