# Fanyu 3D Face Scanner

**2 in 1**

- 3D Face Scanner
- +
- Electronic Face Bow

## Shanghai Scedent Medical Device Co., LTD.

# Face Scanning System

Quickly capture patient facial information through image acquisition and reconstruct a 3D facial model. It is easy to operate, offers high precision, and provides rich details and color reproduction. This system is suitable for various application scenarios, including aesthetic restoration and occlusal reconstruction. It delivers accurate visualization solutions that effectively improve the efficiency of doctor-patient communication.
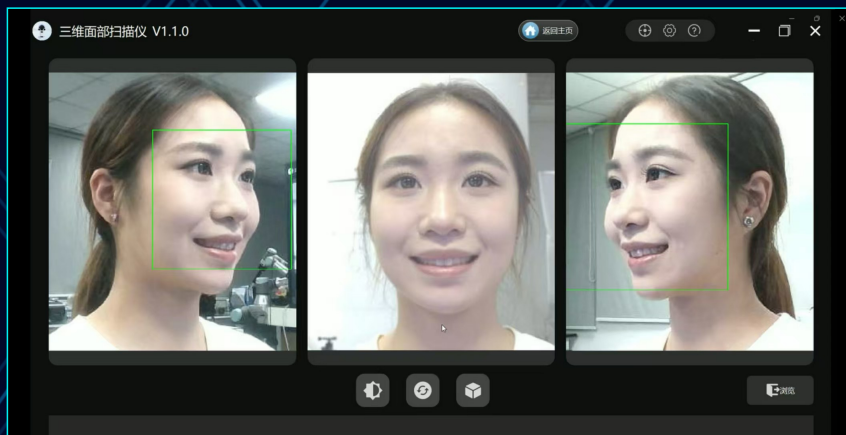
**0.5-Second Instantaneous Shooting**

**Multi-Angle Data Collection**
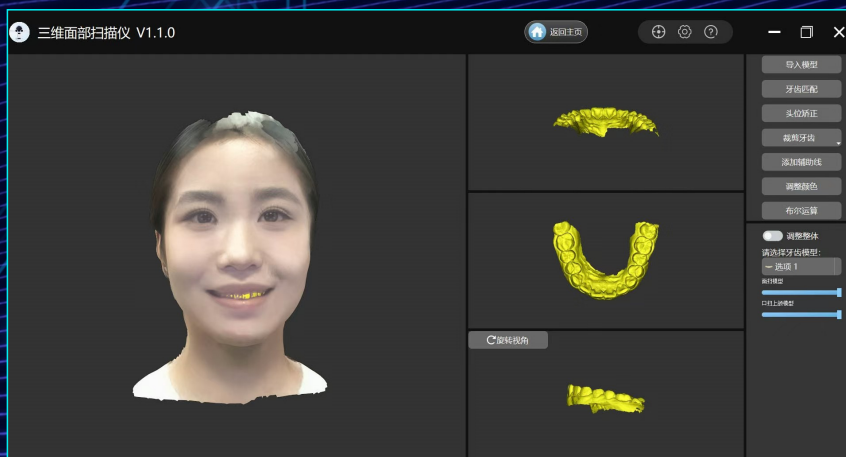
**Multimodal Data Fusion**

**Foldable Design**

## Achieve High Precision Data Capture and Analysis



### Reconstruction of facial 3D data

Realistic reproduction of the contours, colors and details of the face and teeth.



### Match the model data from the oral scan and the face scan

Use multi-modal fusion to create a complete fit of patient data.
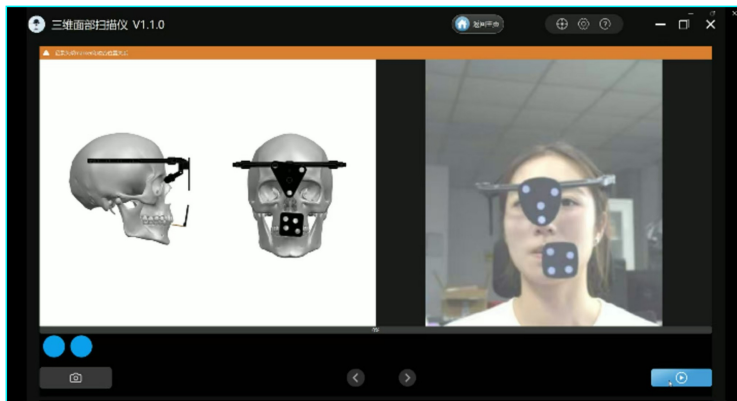
# Face Bow system

Collect and display the trajectory of mandibular movement, dynamically simulate the state of mandibular movement, and accurately show the bite contact situation. This improves diagnostic accuracy and optimizes the patient experience.

**Improve Data Accuracy**

**Personalized Data**

**Simplifying the Operational Process**
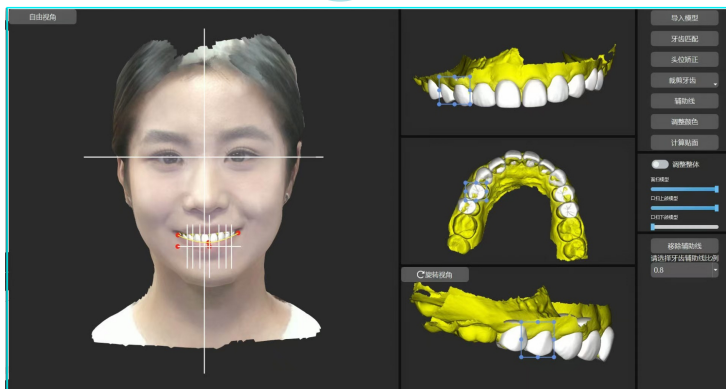
**Efficient Data Transmission**







## Mandibular Movemet Trajectory Acquistion

- Real time recording of mandibular movement trajectory.
- Personalized data analysis.
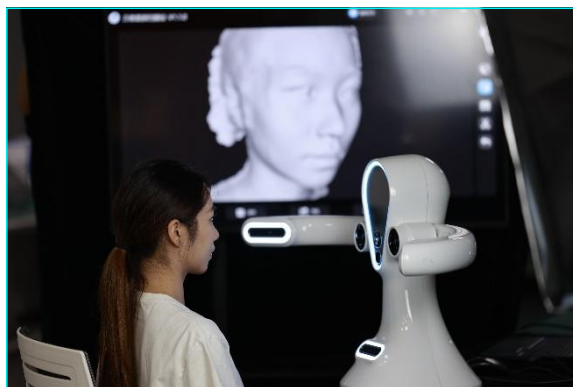- Help restore the patient's original biting habits.

# Clinical Application

## 01



### Digital Smile Design

Accurately plan and preview the effects of treatment before and after, and customize personalized smile plans for patients.
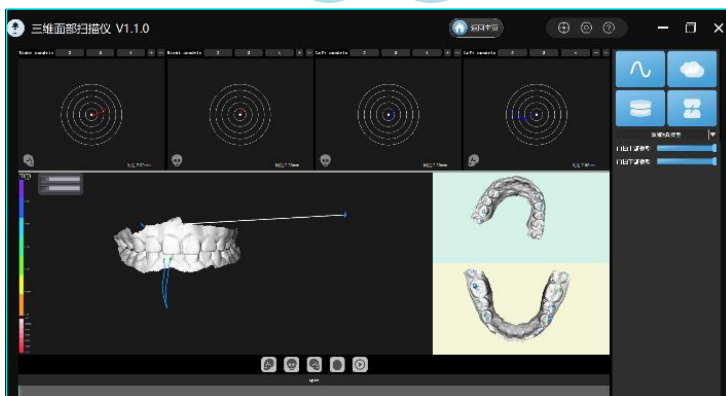
## 02



### Visualized Doctor-Patient Communication

Provide accurate visualization solutions to effectively enhance the efficiency of doctor-patient communication.

## 03



### Occlusal Reconstruction

Accurately display bite contact points, and improve treatment effectiveness and patient satisfaction.
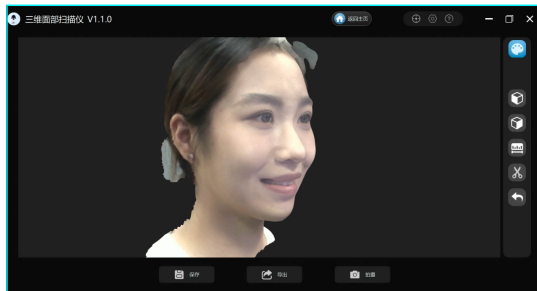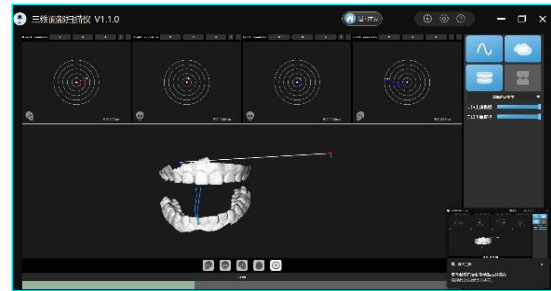
## 04



### Orthodontic Treatment

Provide better clinical solutions for orthodontic treatment at a three-dimensional level by combining oral scans, CBCT, and other data.
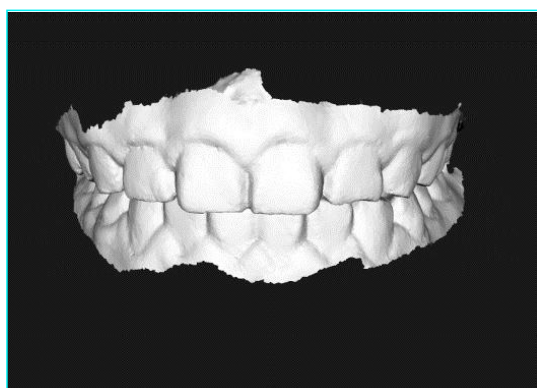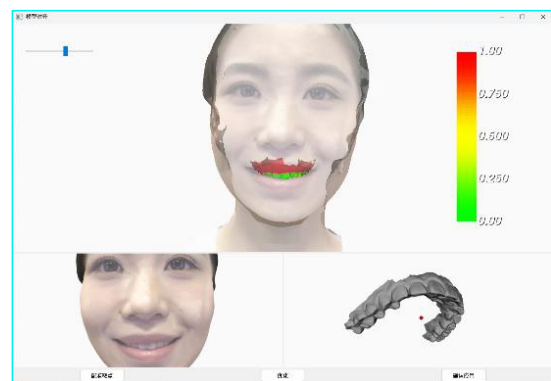
# Aesthetic Veneer Application
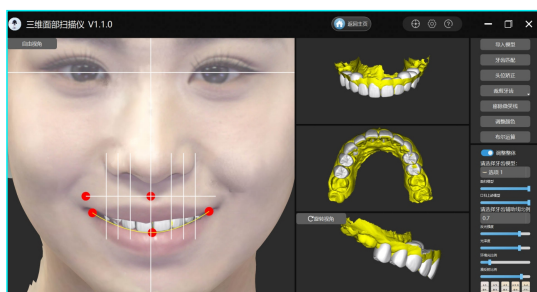

Face Data Collection


Mandibular Movement Trajectory Acquisition
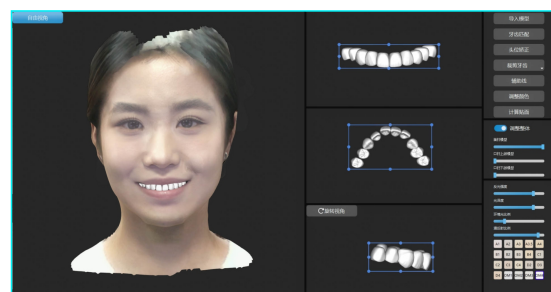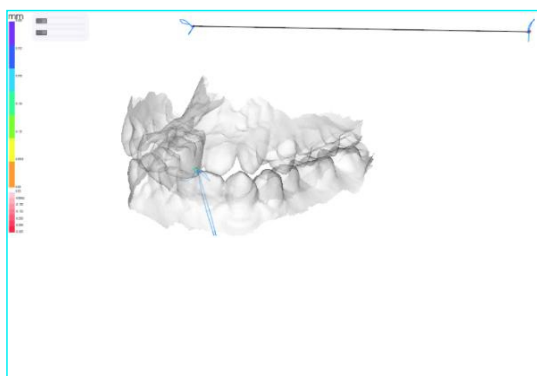

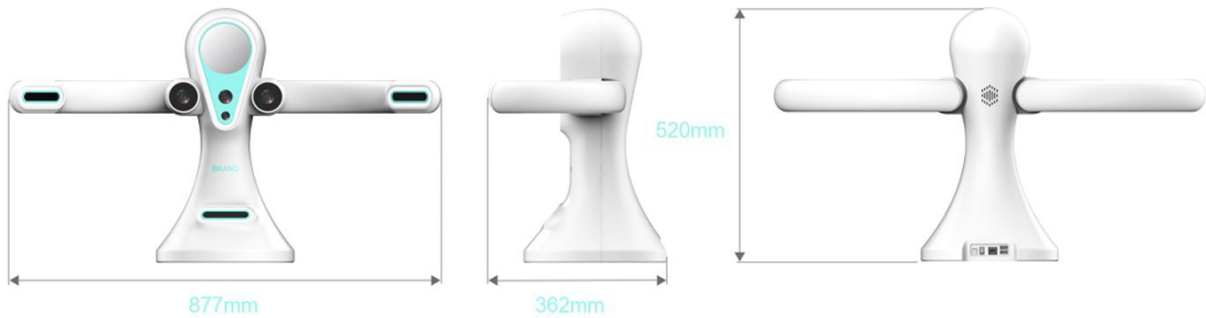Soft Tissue Data Collection


Data Fitting


Digital Smile Design


Adjust Tooth Style


Adjust the Jaw According to
the Bite Contact Situation


Veneer Preview

| Technical Parameters | Configuration requirements |
|---|---|
| Size: 877mm*362mm*520mm | System:Window 10 or above |
| Light Source Type：White Structured Light | CPU：Intel Core i5 10500H or above |
| Operating Distance：40-50cm | Graphics Card:NVDIA GTX 2060 or above |
| 3D Face Scanning Accuracy：+ /-0.1mm | Memory：8G or above |
| Imaging Time：0.5s | Hard Disk：256g or above |
| Scanning Range：250mm*350mm | Resolution: 1920*1080 |
| Output File Formats：STL, OBJ, PLY, XML, etc. | Input / Output Port：USB3.0 Port or 1 Gbps LAN Port |

520mm
877mm
362mm