MetiSmile
3D Face Scanner
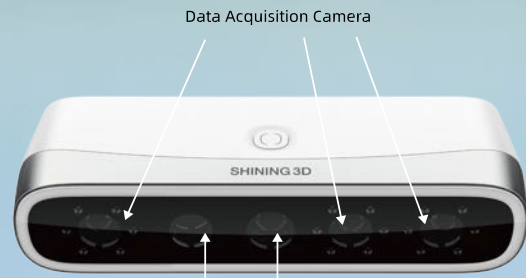
OPEN SYSTEM

SHINING 3D
DENTAL

FAST SCAN SPEED

MANDIBULAR TRAJECTORY TRACKING

AUTOMATIC ALIGNMENT

Data Acquisition Camera

SHINING 3D

IR VCSEL Projector

HD Texture Camera

Fast Scan Speed
In just 10 seconds this highly perceptive scanner can take photos of patients from multiple angles to simultaneously construct a 3D facial data.
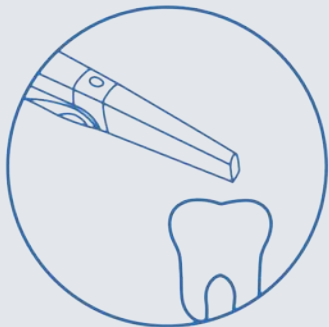
High Accuracy
Three 1.3 MP data acquisition cameras and one 5.0 MP HD texture camera produce scan accuracy within 50 um. MetiSmile also captures elevated details of the teeth.

High - fidelity Texture
The exceptional texture camera of the MetiSmile can accurately record and display facial color that appears realistic to the patient.

ADVANCED SOFTWARE
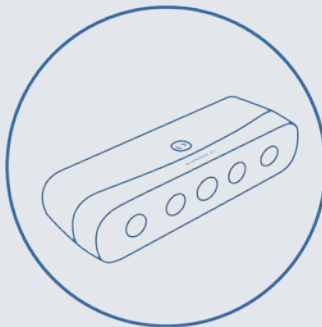### Auto Alignment Between Facial Scan Data & Intraoral Scan Data

Step 1
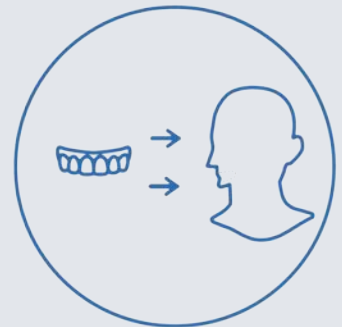*Use Intraoral scanner to capture the intraoral data.*

Step 2
Use MetiSmile to capture the facial data.

Step 3
Import the intraoral data to MetiSmile software for auto alignment.

The Software will align the facial and oral scans which displays the patients facial and oral information in a comprehensive way. The scans are overlapped to provide a better view and prospective for digital smile design that assists in creating more aesthetic restorations for patients.
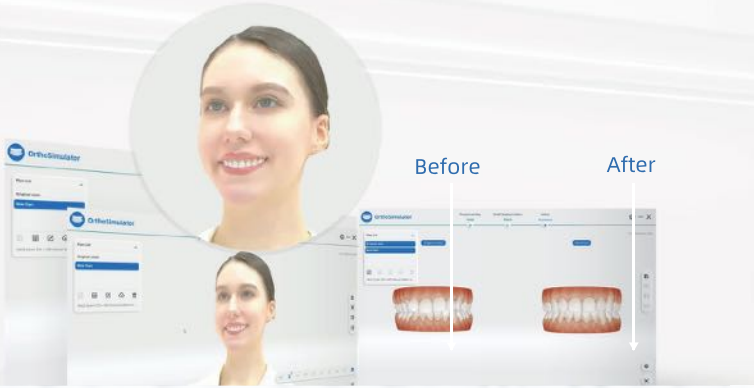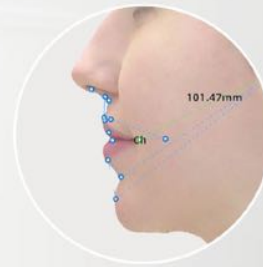
ORTHO SIMULATION

Some of the features of the ortho simulation module include automatic lip extraction and one-click tooth segmentation, etc. The intelligent before and after orthodontic treatment display is enhanced by the integration of the facial scan information.

Before   After

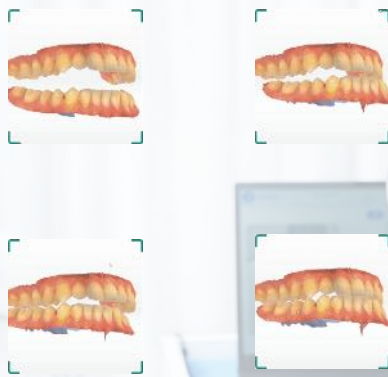## FACIAL FEATURES MEASUREMENT & COMPARISON

The intuitive software is capable of recognizing 3D facial features. It can measure the distance of facial data, and compare facial changes before and after treatment. These software tools help dentists diagnose and evaluate treatment more effectively. It also improves the patient's satisfaction with the treatment plan while adding visual presentation.

101.47mm

MANDIBULAR TRAJECTORY TRACKING

Using mandibular trajectory tracking, the dentist can acquire dynamic occlusion data. This module includes left and right lateral detection, centric, and open occlusion. It delivers detailed occlusion information for accurate diagnosis, design, and treatment.

APPLICATIONS

The powerful and advanced software of the MetiSmile makes this product an indispensable tool for digital dental treatment, including maxillofacial surgery, implant and prosthesis, orthodontics, medical cosmetology, etc. It will take your clinic to the next level.

- Maxillofacial surgery
- Implant and prosthesis
- Orthodontics
- Medical cosmetology
- Aesthetics restoration

exocad Compatible

EXTRAORDINARY USER EXPERIENCE

- Eye-friendly flashes scan thanks to infrared technology.
- Automatic brightness adjustment ensures outstanding face texture.
- Guided operation throughout the scan workflow.
- Open system to export STL, OBJ and PLY.
- Elegant and compact, only 800 grams.

Handheld Mode

Fixed Mode

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