

MetiSmile

3D Face Scanner

Beyond Smile



[EN]

SHINING3DDENTAL.COM

SAY HELLO TO MetiSmile

MetiSmile is the first face scanner developed and produced by SHINING 3D exclusively for dentistry. It can quickly capture the facial information to create 3D model and assist in clinical diagnosis with its advanced software.



Digital Smile Design



Orthodontic Facial Simulation



Jaw Motion



Facial Aesthetic Analysis





Powerful Hardware



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 μ m. 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

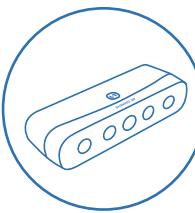
Align Facial Scan Data, Intraoral Scan Data, and DICOM Data to Create a Virtual Patient

It seamlessly integrates DICOM, facial, and intraoral scan data to create virtual patients, providing a comprehensive reference for the digital smile design process and improving communication among dentists, technicians, and patients.



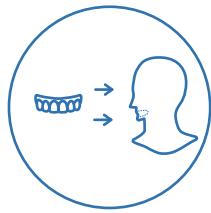
Step 1

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.



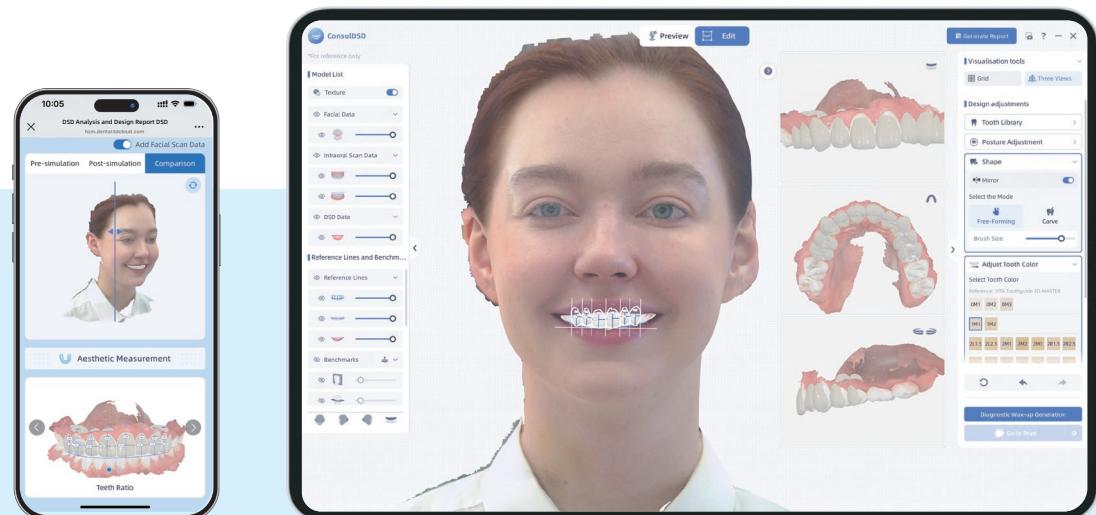
Step 4

Import DICOM data to create a virtual patient.



ConsulDSD Smile Design

By merging 3D facial data with intraoral scans, ConsulDSD enables precise and artistic smile designs tailored to each patient within minutes. Unlike flat, front-view 2D images, it lets patients to preview their potential esthetic outcome from a true 3D perspective. This powerful visualization deepens patient understanding of their treatment possibilities, supports mobile report downloads, streamlines clinical communication, and makes decision-making faster and more confident.



Scan for DSD reports



Orthodontic Facial Simulation

The ortho simulation module can simulate changes in both teeth and face during orthodontic treatment, allow patients to preview post-treatment effects. This is extremely helpful for consultations between patients and dentists.



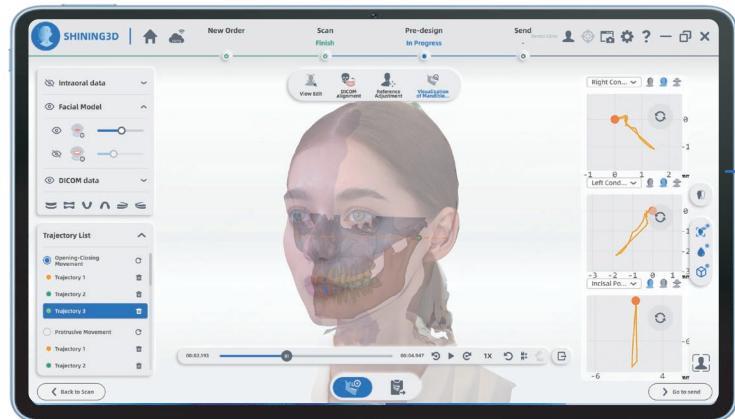
Jaw Motion

Add-on Modules
(Extra Fee Applies)

The Jaw Motion feature offers three software modules that can be tailored to fit different clinical treatment needs.

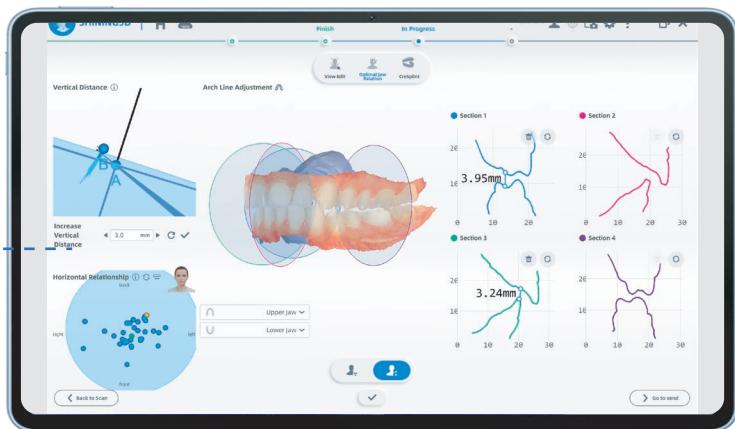
1

Mandibular Movement Trajectory Tracking



2

Mandibular Movement Trajectory Analysis



3

Optimal Jaw Relation Determination

Facial Aesthetic Analysis



Planning

A powerful facial planning tool enables real-time adjustments to facial contours, helping physicians present post-treatment outcomes and create personalized plans that align with patient expectations.



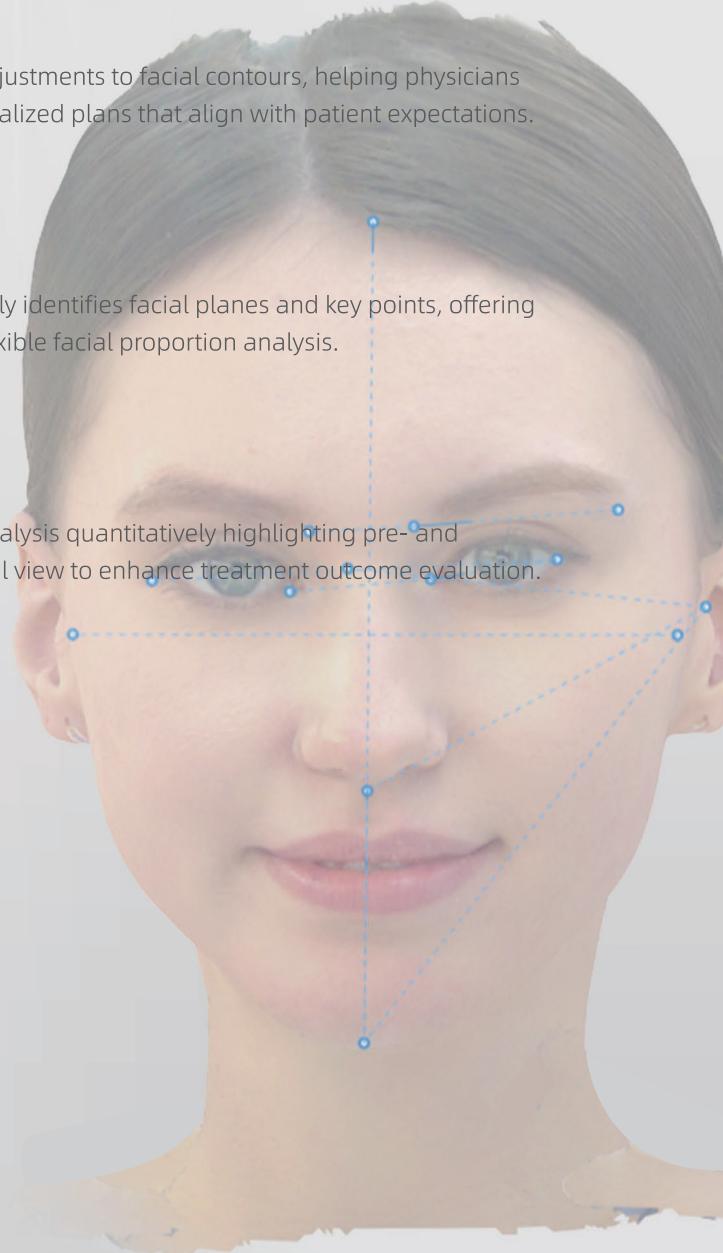
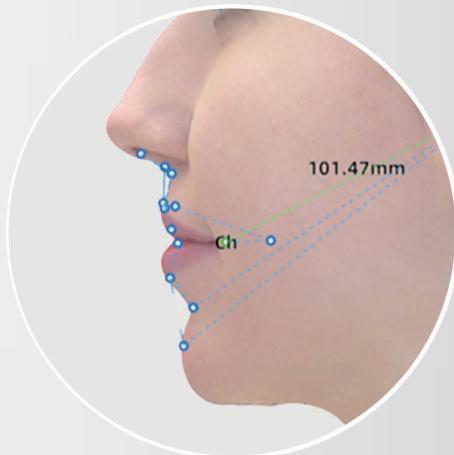
Measurement

An advanced measurement feature that automatically identifies facial planes and key points, offering diverse templates for a more comprehensive and flexible facial proportion analysis.



Comparison

An intuitive comparison tool allows an easy facial analysis quantitatively highlighting pre- and post-treatment changes with a heat map or sectional view to enhance treatment outcome evaluation.



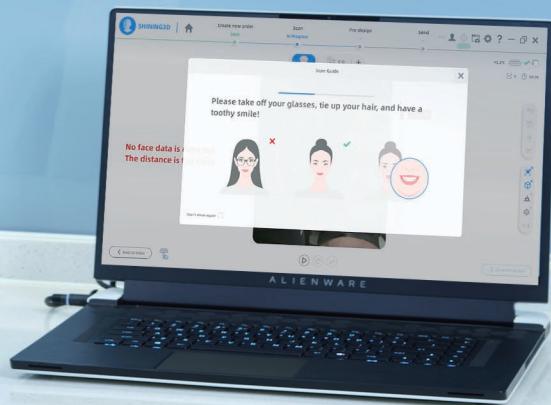
Extraordinary User Experience

- Eye-friendly flashless 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



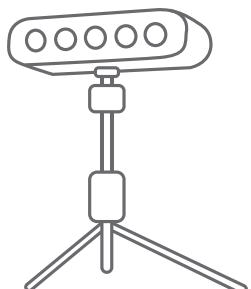
Technical Specifications

MetiSmile

| | |
|-----------------------------|--|
| Model | MetiSmile |
| Resolution | Data Acquisition Camera: 1.3 Mega Pixel HD Texture Camera: 5.0 Mega Pixel |
| Accuracy | 50 μ m |
| Field of View | With working distance 500 mm, the FOV is 210*270 mm |
| Output Format | PLY, OBJ, STL |
| White LED color temperature | 5500 K |
| Dimension | 215*50*75 mm |
| Weight | 300 g |
| Power Supply | Input: AC100-220 V~, 50/60 HZ, 1.5 A Output: DC12 V, 7.0 V |

Recommended PC Configuration

| | |
|--------------------|---|
| CPU | Intel Core i7-8700 or higher |
| Memory | 16 GB is the minimum, 32 GB is highly recommended. |
| Hard Disk Drive | 256 GB SSD or above |
| Display Resolution | 1920*1080, 60 Hz or higher |
| Connector | USB 3.0 |
| Graphic Card (GPU) | NVIDIA RTX 2060 6 GB or higher |
| Operating System | Microsoft Windows 10 (64-bit) or later versions of Windows operating system |



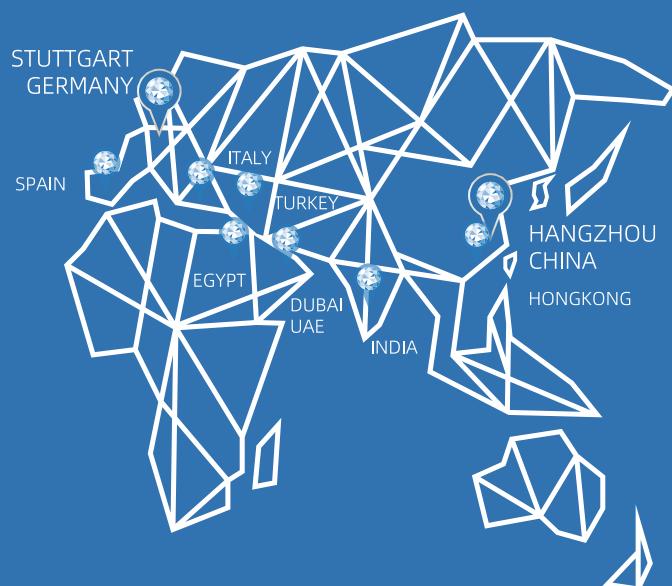
Go Digital With SHINING 3D

SHINING 3D Dental is a leading technology provider in the digital dental industry. We specialize in digital tools for prosthetic rehabilitation, orthodontics, aesthetic applications, and oral health management, which are applied in dental clinics, hospitals, and laboratories worldwide.

SHINING 3D Dental has a strong global presence in digital dentistry. We are committed to enhancing the overall treatment capabilities of dental professionals and bringing a high-quality and comfortable treatment experience for patients worldwide through high-precision and advanced 3D digital technology.



 Locations with SHINING 3D' team



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