

e-Motion Workstation

Integrated Solution of Intraoral Scan, Intraoral Photogrammetry,
Facial Scan and Mandibular Movement Tracking

SHINING 3D
DENTAL

Smile in Motion

SHINING 3D's e-Motion Workstation is the world's first all-in-one digital dental solution that combines an intraoral scanner, face scanner, and advanced mandibular movement tracking system. By capturing multiple data from a single device and seamlessly integrating them into powerful software, a dynamic virtual patient can be created that adapts to a wide range of complex cases. Clinicians can now deliver superior treatment outcomes with unparalleled ease and precision. All while embracing cutting-edge innovation.



Face Scanner



Mandibular Movement
Tracking System

- Mandibular Movement Trajectory Tracking
- Mandibular Movement Trajectory Analysis
- Optimal Jaw Relation Determination



Intraoral
Photogrammetry
(IPG)



Intraoral Scanner

Compatible Intraoral Scanner Models

- Aoralscan Elite
- Aoralscan Elite Wireless
- Aoralscan 3
- Aoralscan 3 Wireless

Mandibular Movement Module

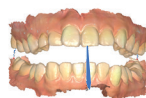
- Mandibular movement trajectory tracking(Default)
- Mandibular movement trajectory analysis(Optional)
- Optimal jaw relation(Optional)



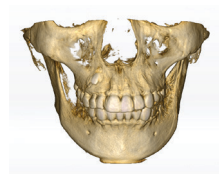
Intraoral Data



Facial Data



Mandibular Movement Trajectory



CBCT Data

Optimal Jaw Relation Determination for Dentulous and Edentulous

Virtual Patient

- CBCT Model Reconstruction and Segmentation
- Multi-model Data Aligned and Analyzed in One Coordinate System



Design

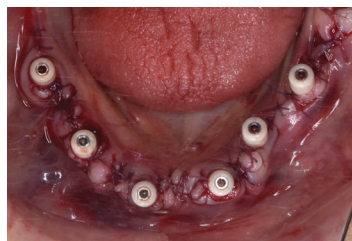


Fabricate (Lab or in-house)



Optimal jaw relation determination helps create splints for patients with severe wear. e-Motion's software also supports splint design based on the patient's intraoral scan data, seamlessly integrating with a dental printer for direct in-clinic printing. This only streamlines the process but also improves the overall dental care experience for your patients.

In complex edentulous implant restoration cases, acquiring an accurate jaw relation has traditionally been a challenging and overlooked step. Now, the e-Motion bridges this gap in the digital restoration process. In addition, with the Elite's IPG technology, this revolutionary workflow results in improved occlusion and guarantees passive fitting for dentures.

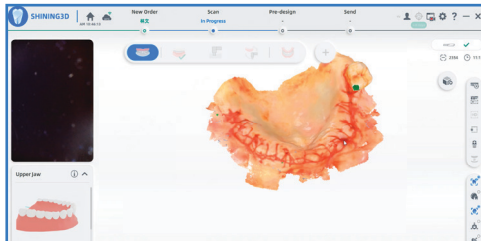
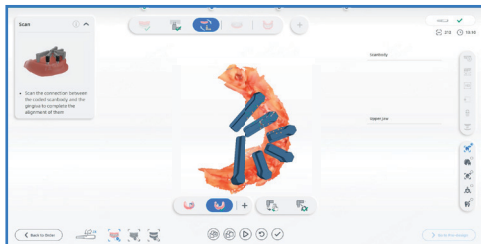


1

➤ Treatment Plan:

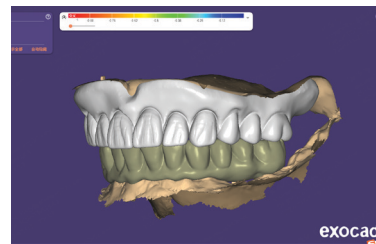
Upper Jaw: Transitional Denture

Lower Jaw: Immediate Loading



2

- Standard post-operative intraoral scan, along with an IPG scan of the lower jaw, to confirm relative positioning of the implants.
- Recording of mandibular trajectories to confirm optimal jaw relationship.



3

- Through the design and printing of provisionals, the patient quickly receives aesthetically pleasing and comfortable provisional dentures.