

# e-Motion Workstation

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

**Smile in Motion**



EN

SHINING3DDENTAL.COM

# Efficiency in Simplicity

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



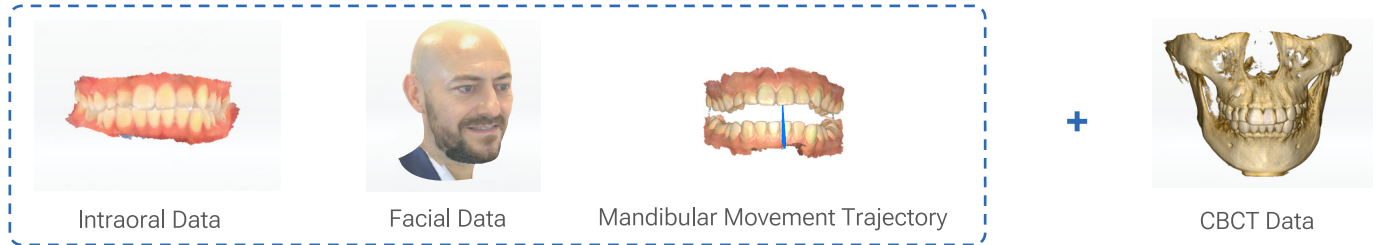
Intraoral Photogrammetry (IPG)



Intraoral Scanner

NOTE: Equipped with a powerful touchscreen computer

# Multiple Data, Comprehensive Perspective



## Virtual Patient

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



Design

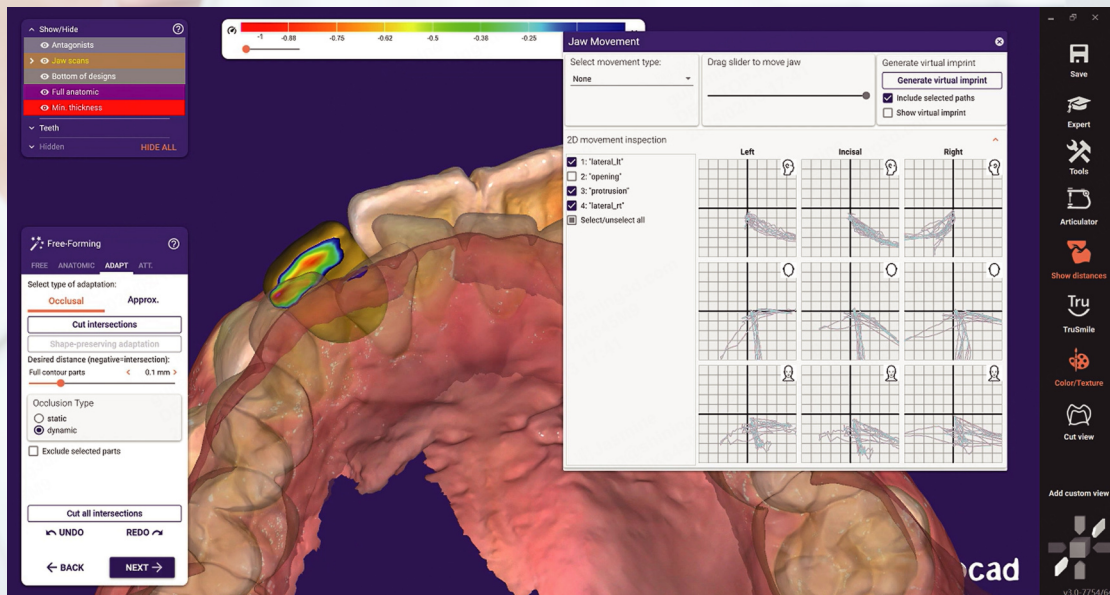


Fabricate (Lab or In-house)



# Mandibular Movement Trajectory Tracking

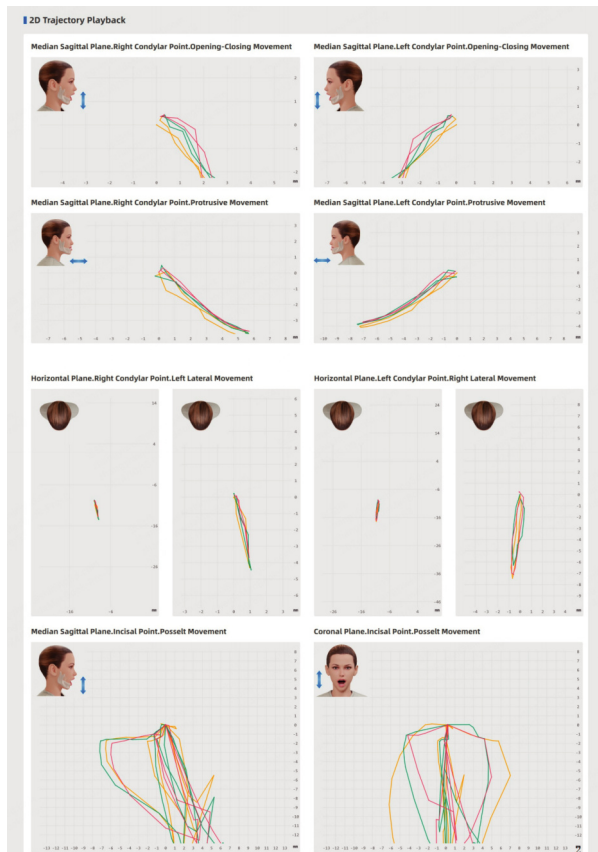
The e-Motion easily records the patient's jaw movements, acquires intraoral scan data, and seamlessly integrates both sets of data in the software. This simple protocol enables clinicians to obtain precise occlusal contact dynamic data, aiding in the design of prosthetic restorations and providing patients with long-term stable restorative results.





# Mandibular Movement Trajectory Analysis

The e-Motion offers a comprehensive view of condyle and incisal edge motion in different directions, unlocking the power of real-time 3D visualization with integrated CBCT data. By projecting these movements onto standard 2D anatomical planes, it enables precise evaluation of movement coordination, occlusal symmetry, and stability. This supports accurate diagnosis and treatment planning for TMD patients.



# Optimal Jaw Relation Determination for Dentulous Patients

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 not only streamlines the process but also improves the overall dental care experience for your patients.

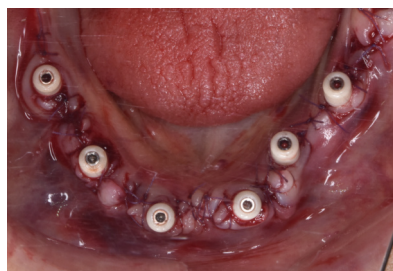
NOTE: This module is suitable for the patients without TMD (Temporomandibular Disorder) only.



# Optimal Jaw Relation Determination + IPG

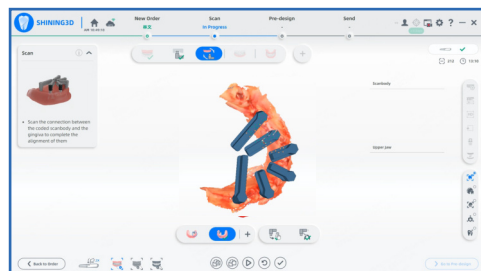
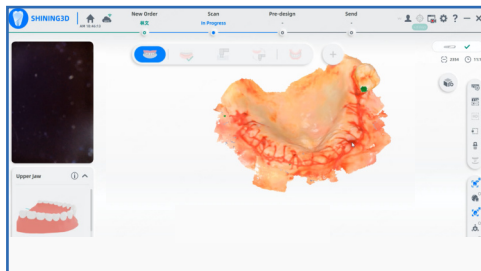
## A Precise Workflow for Edentulous Implant Cases

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 Elite's IPG technology, this revolutionary workflow results in improved occlusion and guarantees passive fitting for dentures.



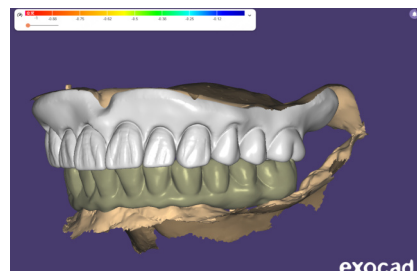
1

- > **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 the 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.

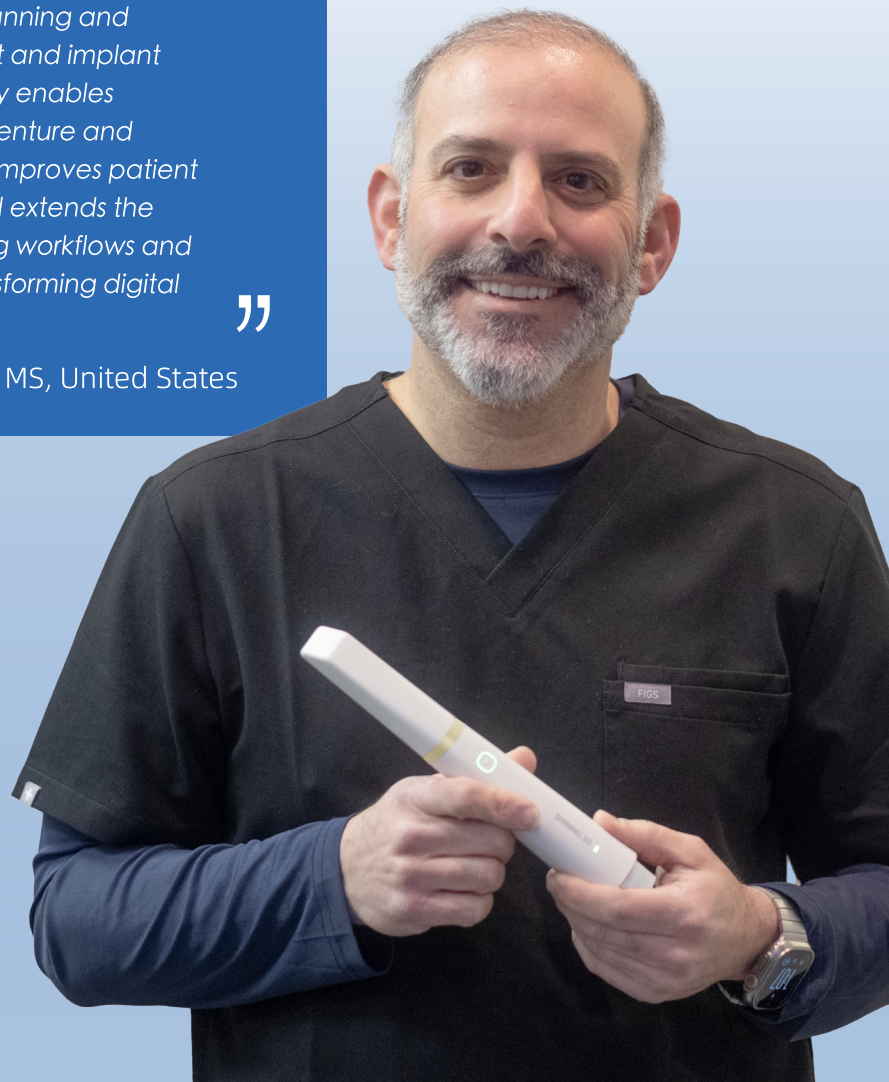
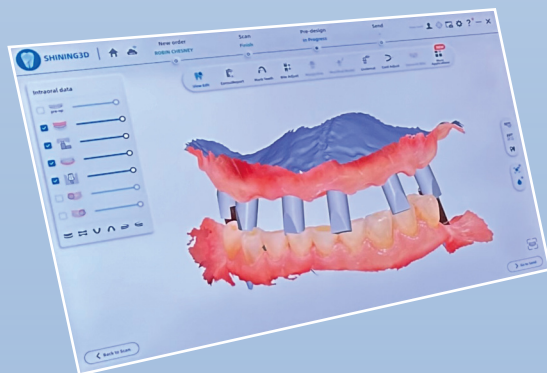


# Benefits of e-Motion Solution

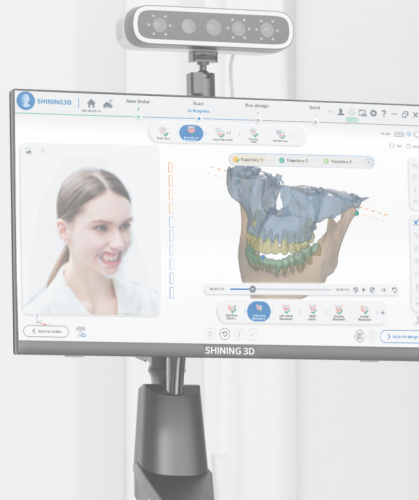
“ The e-Motion solution optimizes complex protocols, significantly enhancing efficiency in challenging cases like edentulous implants. With the ability to include CBCT for planning and e-Motion for precise jaw relationship assessment and implant positioning, Shining 3D’ s advanced technology enables clinicians to achieve exceptional accuracy in denture and prosthetic fabrication. This seamless integration improves patient comfort, enhances treatment predictability, and extends the longevity of restorative outcomes. By streamlining workflows and increasing precision, the e-Motion solution is transforming digital dentistry for both clinicians and patients alike.

”

- Dr. Isaac Tawil, DDS MS, United States



# Flexible Configurations and Modular Options to Meet Diverse Clinical Needs



## 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)

# Compatible Intraoral Scanner Models



Aoralscan 3



Aoralscan 3 Wireless



Aoralscan Elite



Aoralscan Elite Wireless

# Mandibular Movement System Includes



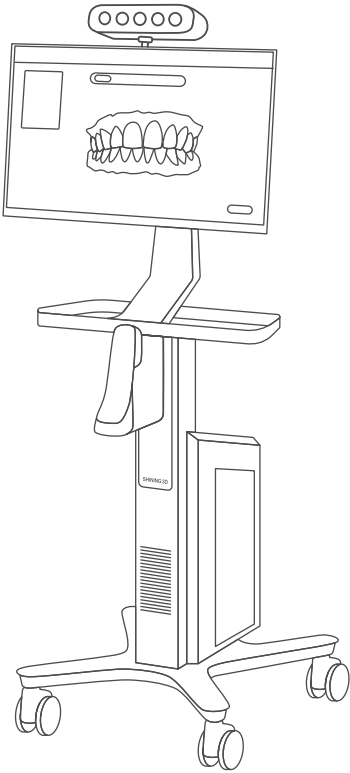


# Technical Specifications

## e-Motion Workstation

### PC Configuration

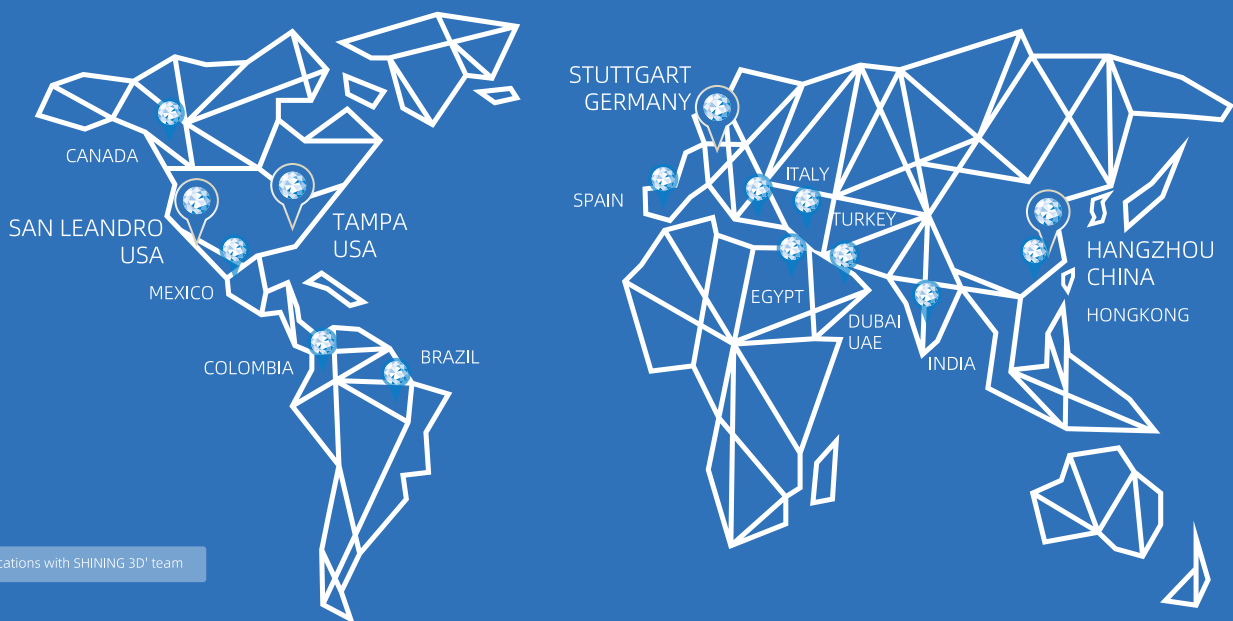
CPU	i7-12700
RAM	32GB, 4800MHz
Hard Disk Drive	M.2 2280, ≥1TB, PCIe NVMe x4, SSD
Graphic Card (GPU)	NVIDIA RTX A2000, GDDR6, 12GB
Operating System	Windows 10 Professional
Display Resolution	23.8", 1920×1080
Dimensions (without stand) (H × W × D):	320.98mm × 538.80mm × 54.10mm



# 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<sup>®</sup> team



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