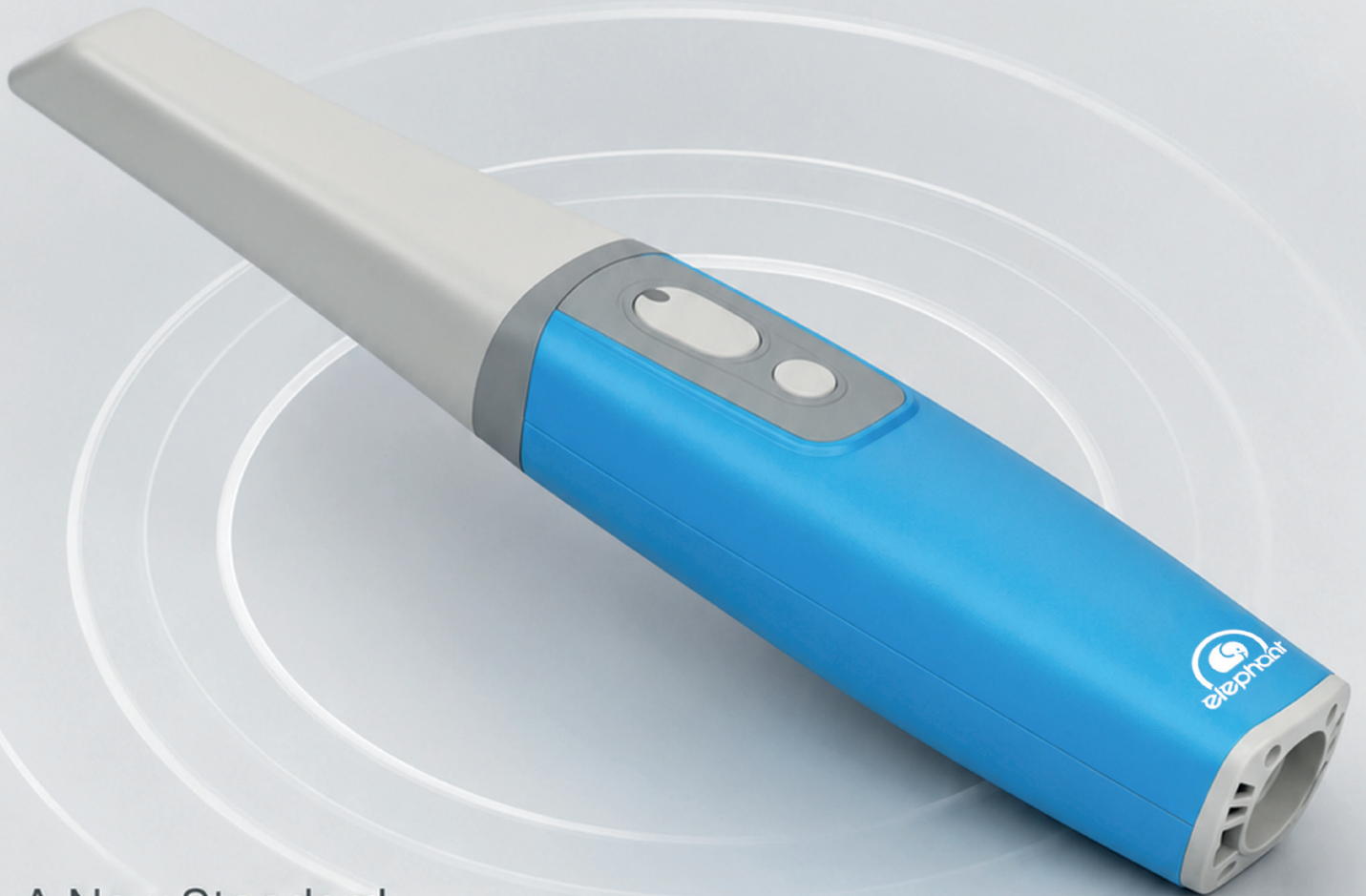




elephast

I N T R A O R A L S C A N N E R



A New Standard
of Digital Dentistry



Improved depth of field up to 25mm

Maximum FOV 16x14mm



Extended Scanning Tip

Scans a wider area without the tip touching the handpiece—ensuring safer and more reliable infection control.



Newly Added Motion-Sensing Button

Newly added motion gesture control enables easy switching between the upper and lower jaws with a single touch, making remote operation simpler and smarter.



160g Lightweight Design

Lightweight scanner body, only 160g. Allows easy scanning for long hours without hand fatigue.



One-piece Casing

Seamless construction allows for easy wiping and improved handling comfort.



Special Cable End Design

Ensures a secure connection with a plug-and-play design, making cable replacement easy and convenient.



Hardware Features



Lightweight & Ergonomic

Only 160 g with an ergonomic design for comfortable and easy handling



Extended 25 mm Depth of Field

One of the scanner's most powerful features, providing greater flexibility and consistent accuracy during scanning.

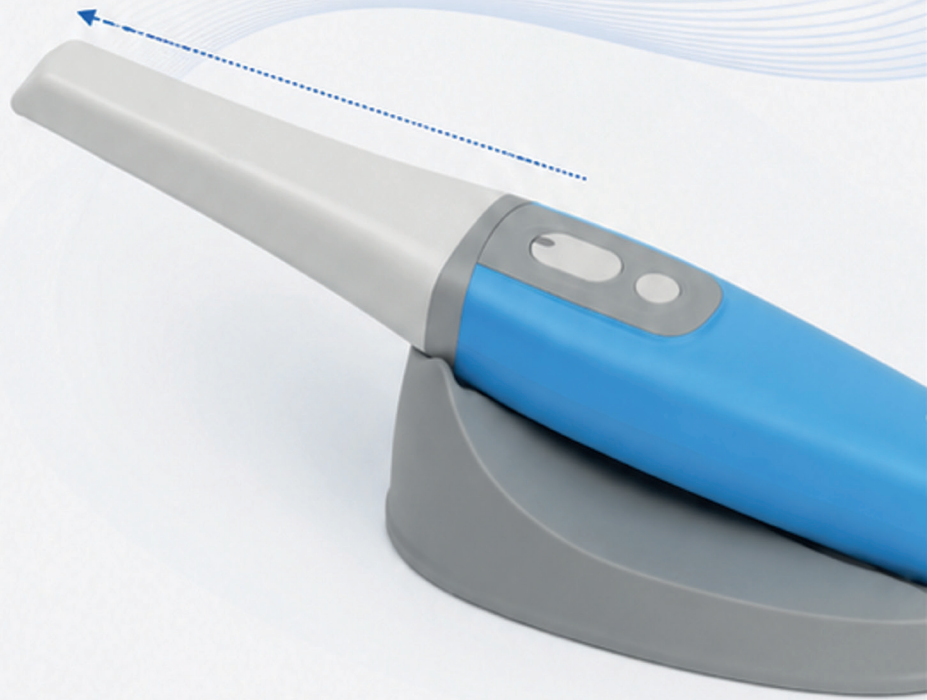


Hardware Features



Longer Scan Tip

A longer tip allows scanning deeper areas without inserting the scanner body into the patient's mouth, ensuring easier scanning and better infection control.



Motion Gesture Button

Easily rotate scans and switch between upper and lower arches without using the laptop, providing smoother workflow and improved infection control.





Dual Scan Buttons

An additional scan button on the opposite side makes upper arch scanning easier and more convenient.



One-Piece Casing

The scanner body is now a single piece, enhancing durability, simplifying cleaning, and giving a sleek, professional look.





Direct & Secure Connection

Featuring a detachable Type-C connection with a special cable-end design for a secure fit, making cable replacement faster and easier.



Included Scan Tips

Comes with 3 standard tips and 1 mini tip, each durable for up to 100 high-temperature, high-pressure sterilization cycles.



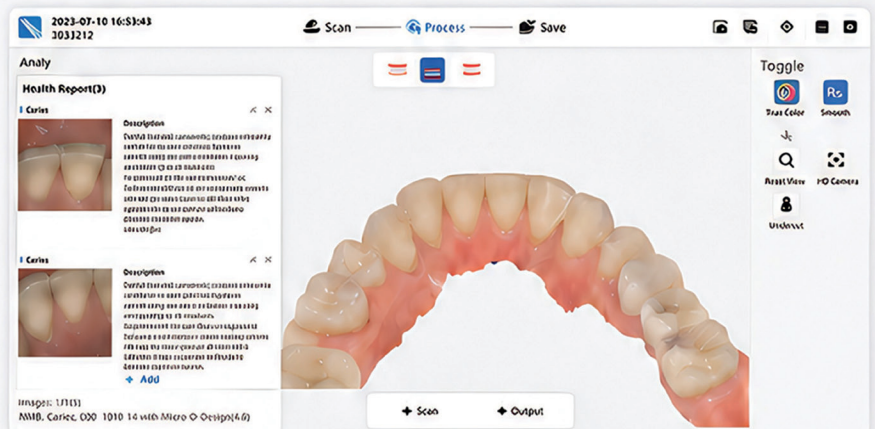
Software Features

Smart software designed to simplify your workflow and elevate patient care.



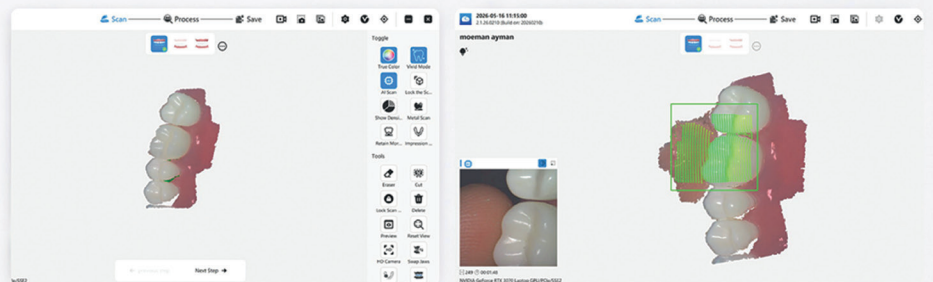
AI Health Report

Generate an instant AI health report for your patients and use it as a marketing tool to increase ROI in your clinic.



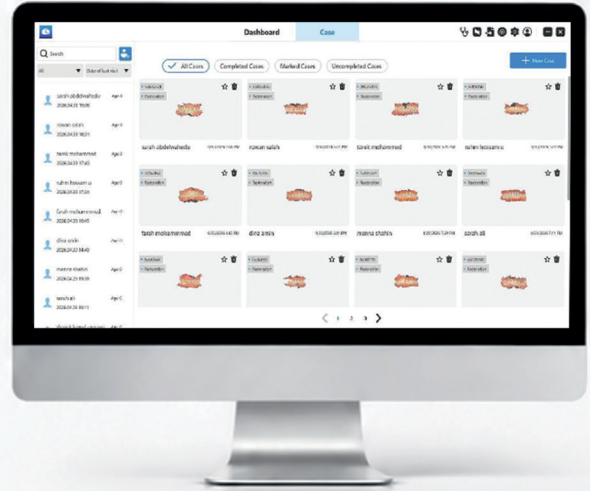
Auto correction

Don't waste your time in rescanning anymore. AI will remove any artifacts and unnecessary data such as cheek, tongue and gloves automatically.



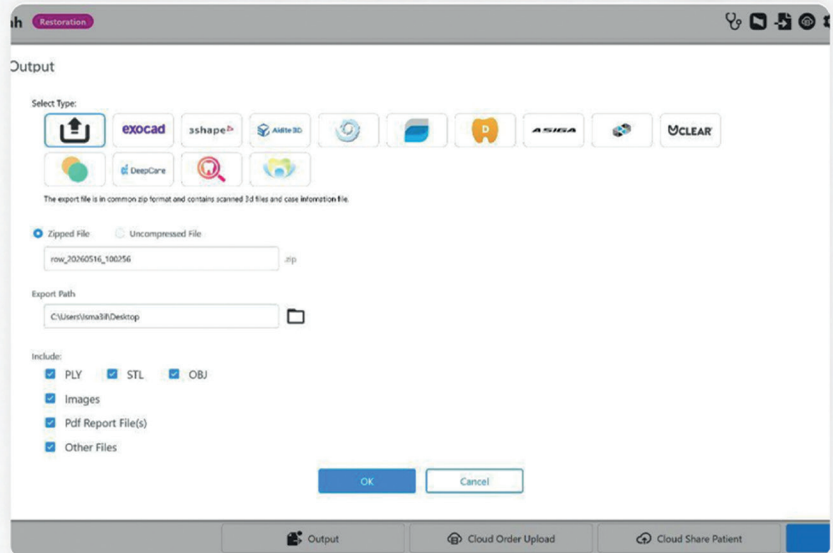
Super easy and friendly stable software with simple dashboard

For better cases organization and easier workflow, works either online or offline.



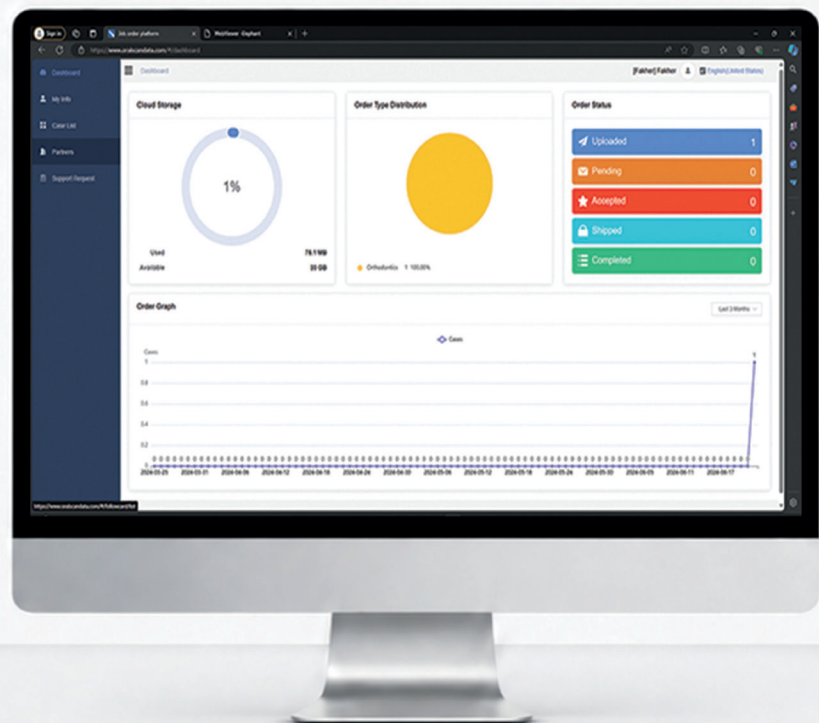
Export your files with our ecosystem

Enjoy the ultimate integration with all needed digital dental softwares in addition to universal formats (PLY, STL, OBJ).



Free cloud up to 20 GB online storage

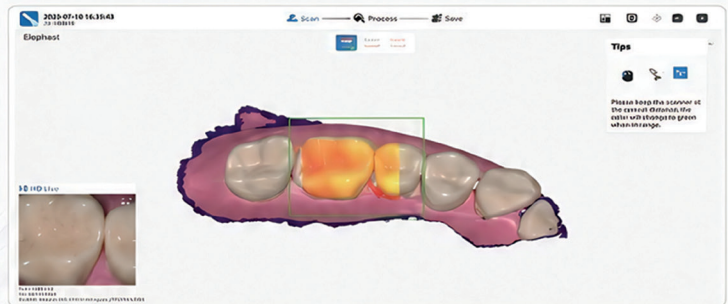
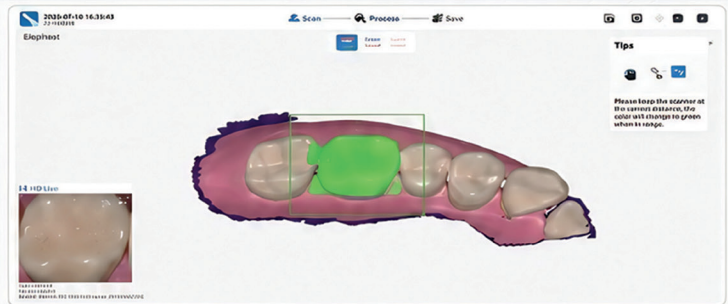
Can be used for cloud sharing and to store up to **1000 cases** to achieve the easiest and most efficient lab communication.





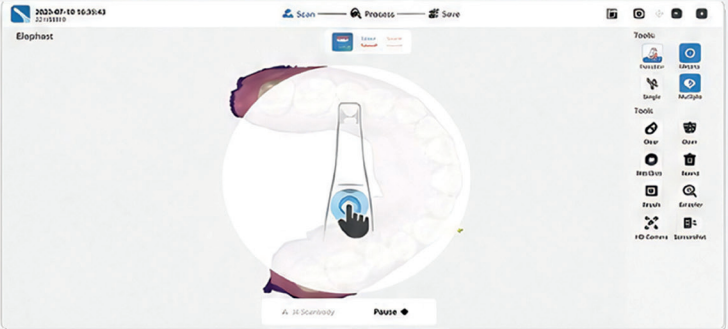
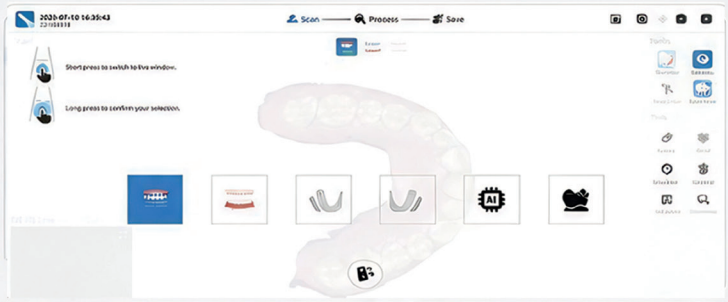
Depth of Field Indicator

Green indicates perfect distance grading to red indicates loss of focus due to (over/under) distance.



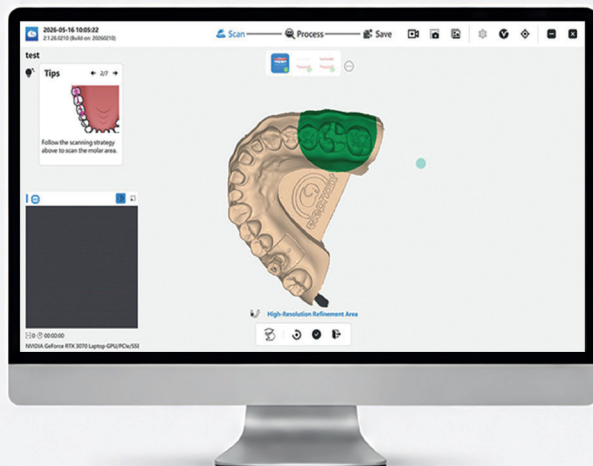
Remote Control Feature

No need to be close to the laptop scanner bottom can be used as a remote controller.



High-Resolution Refinement Area

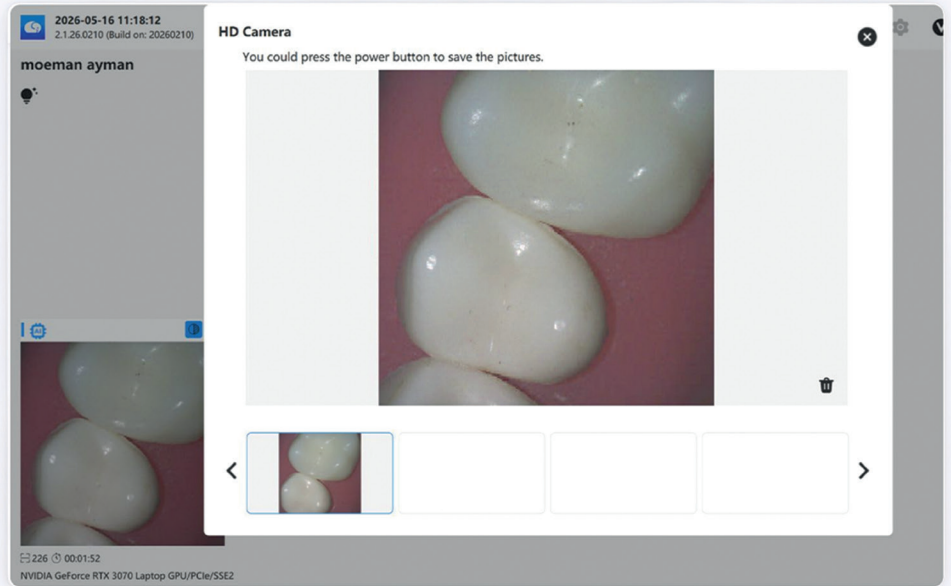
Use High-Resolution Refinement Area to improve the interstitial adhesion problem between gums and teeth, providing authentic intraoral data.





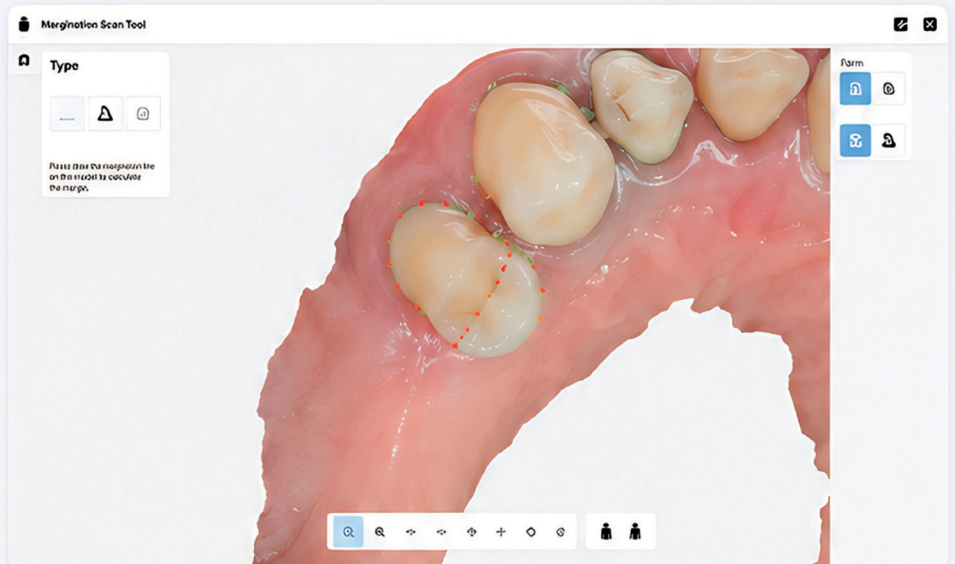
HD Camera

Capture high-resolution intraoral images directly within the workflow and store them automatically in the patient's case file for documentation, communication, and treatment presentation.



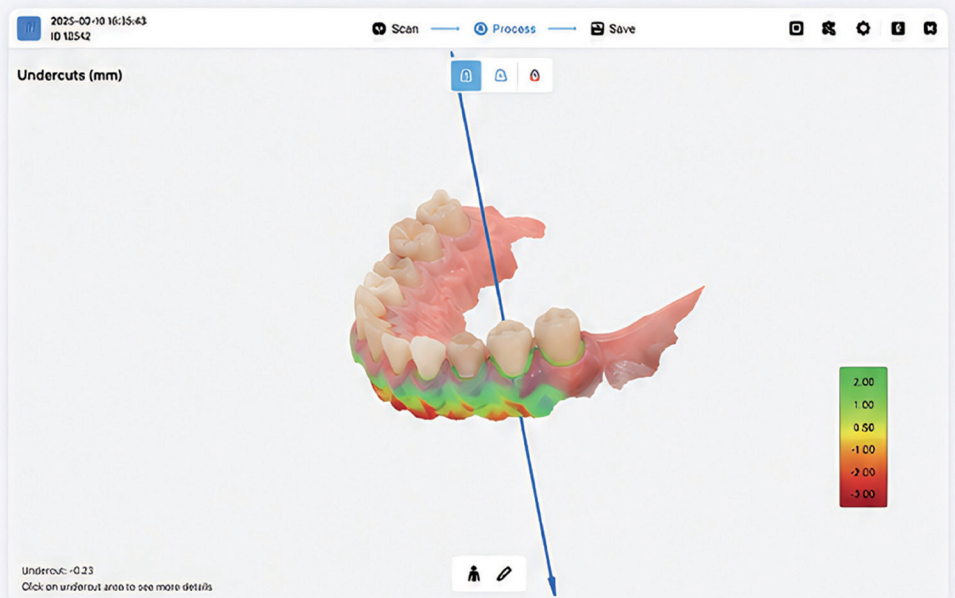
Margination

In this tool dentist can draw the finish line on scan data and export it directly to exocad.



Undercuts Analysis

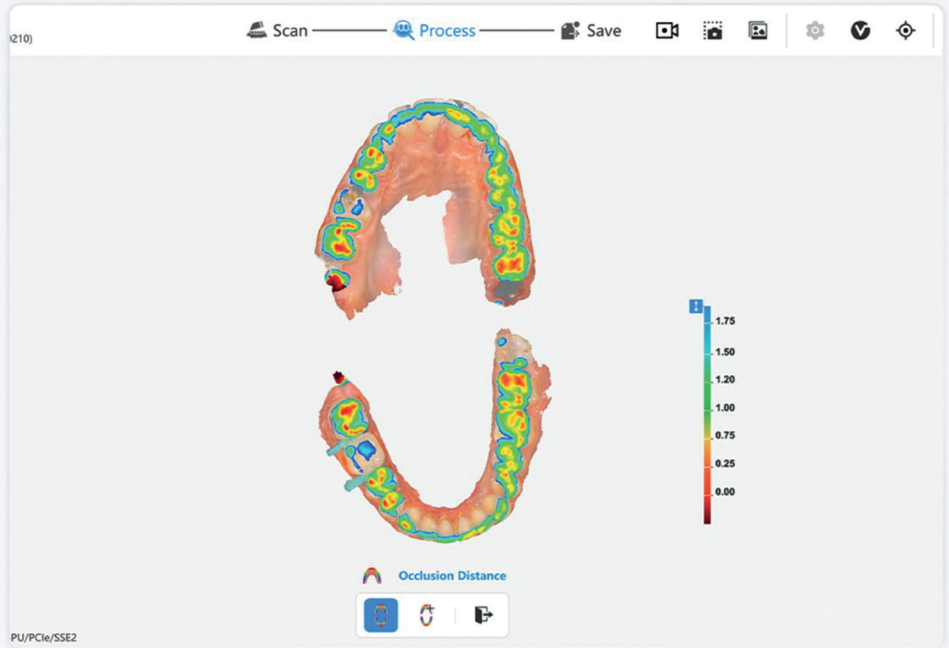
Check whether the preparation have undercuts to minimize any prep mistakes and to maximize your prosthesis setting.





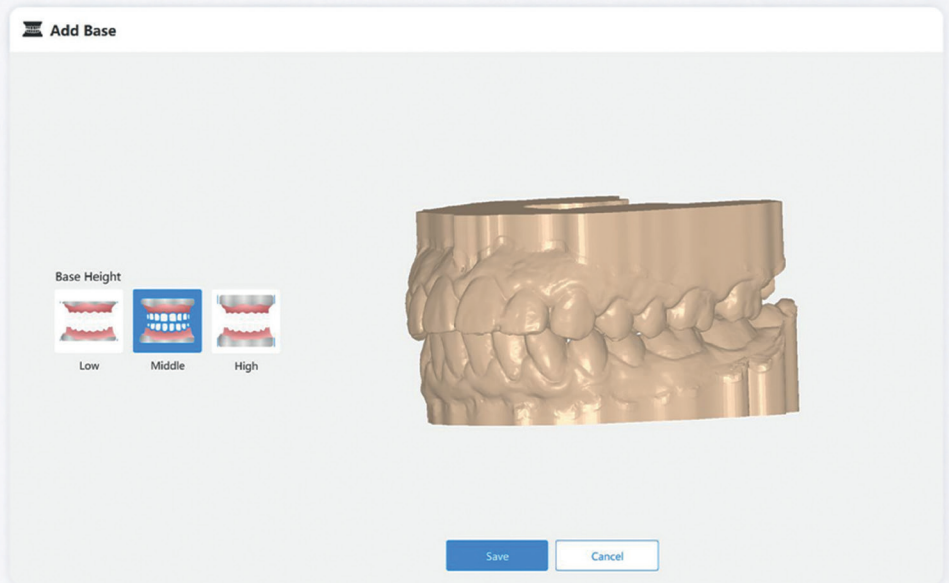
Occlusion Analysis

With this tool you can check the clarity for your preparation to obtain premium occlusion.



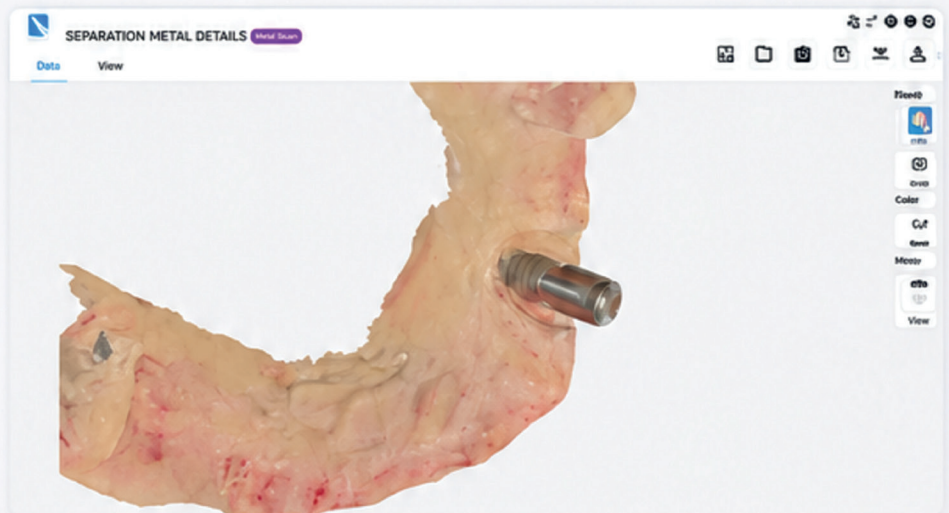
Model Builder

Generate files direct to your 3D printer (one of the easiest model builders in the entire industry).



Metal Scanning

Fast and accurate metal scanning without the need for powder or scratching.





Implant Workflow

Implant oriented software for scanbody and abutments registration and alignment.

Simplify your implants workflow and get optimized accuracy with minimum effort in your daily work.

1 Registration

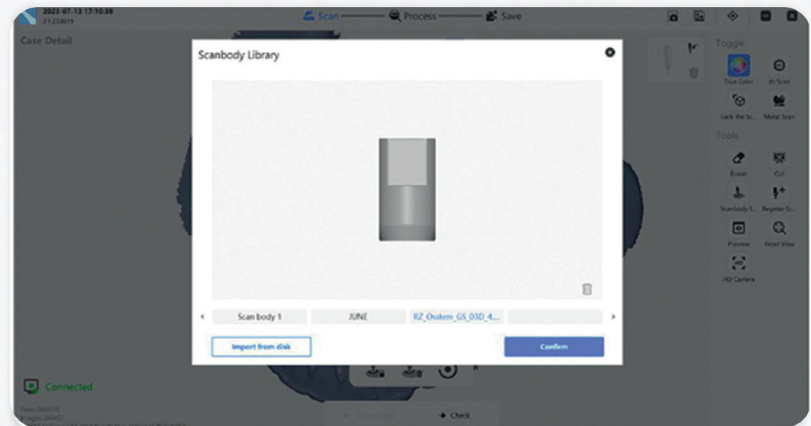
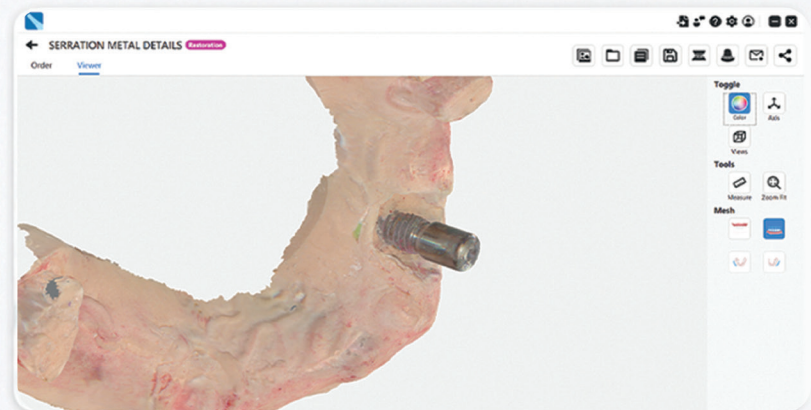
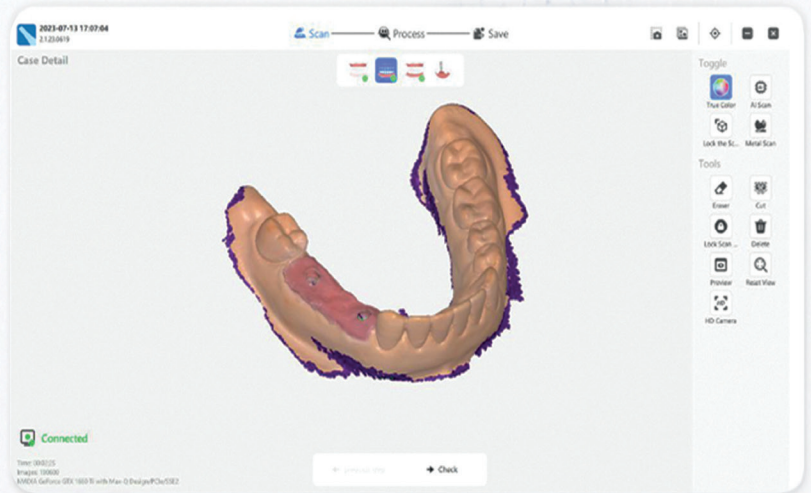
Register scanbodies and prepare accurate digital models.

2 Positioning

Easily position and verify implant components with precision.

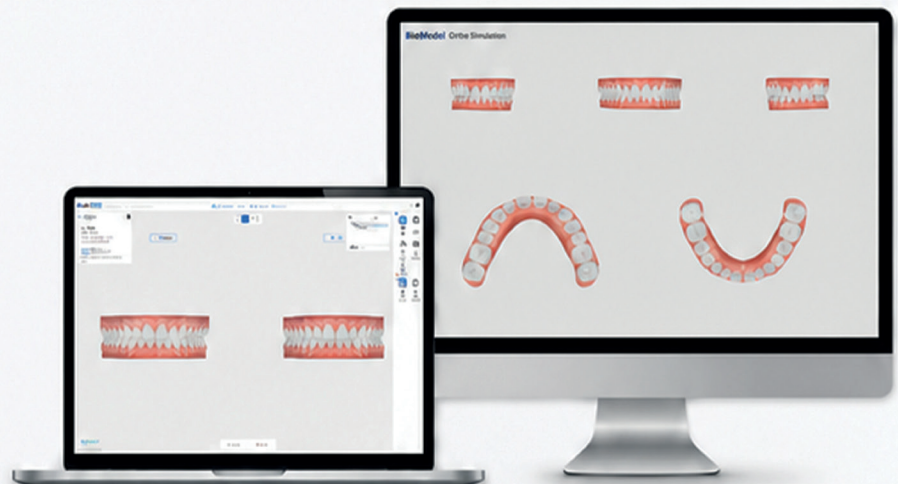
3 Alignment

Align implant components and ensure the best fit with reliable analysis.



Orthodontic Simulation Feature

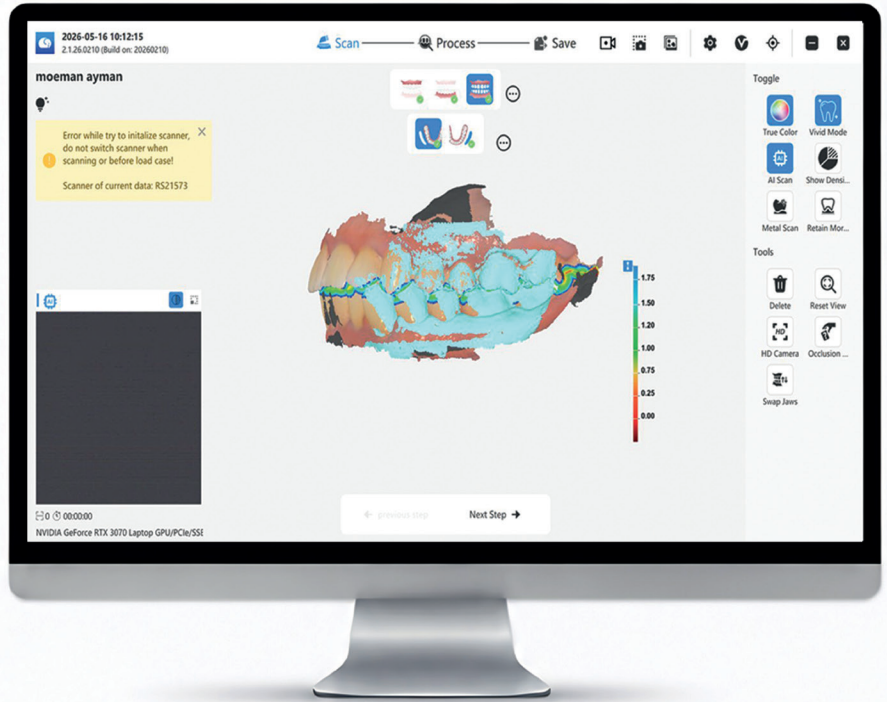
Automatic tooth alignment, easy access to treatment simulation results, enabling better doctor-patient communication.





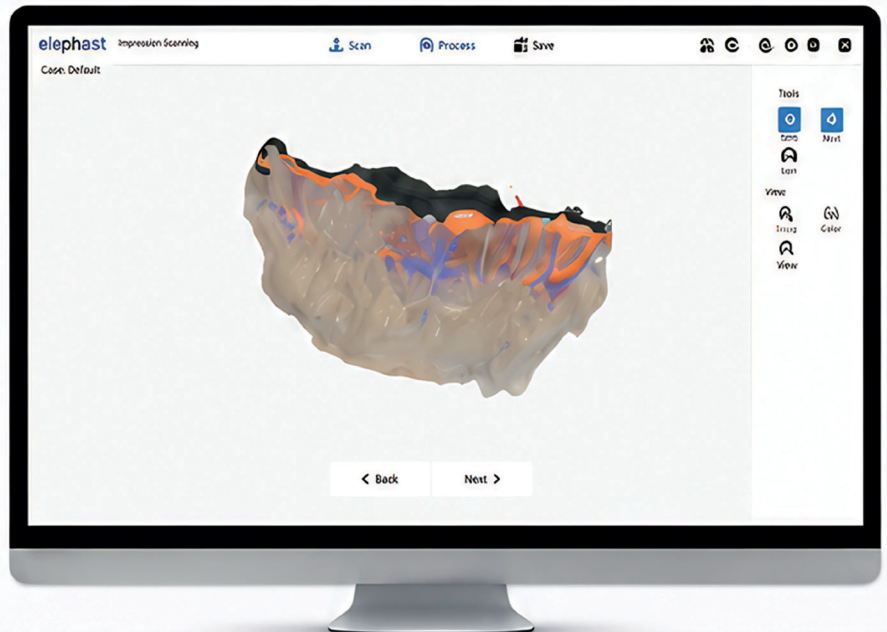
Edentulous Occlusion Relationship Scanning

By performing edentulous scanning and using denture or wax rims to determine the occlusal relationship, more precise reference data is provided for edentulous treatment. This helps clinics develop efficient and accurate treatment plans.



Impression Scanning

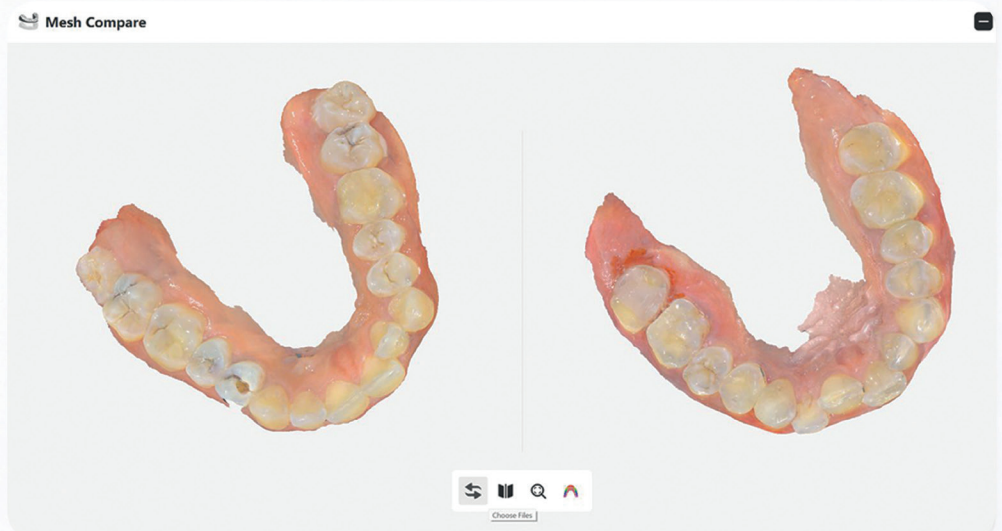
Use impression scanning model when scanning intraoral areas that cannot be scanned or are hard to scan. Use a hybrid approach that combines intraoral scanning and silicone impression scanning to acquire more complete scanning data for highly challenging cases.



Mesh Compare

Helps users easily compare two scans and detect any differences between them.

It improves accuracy in treatment planning, restorations, and digital dental workflows.





Technical Specifications

Handpiece Size:	243x40x32mm
Connection Method:	Wired USB 3.0
Handpiece Weight:	160g (without cable)
Depth of View:	0-25mm
Arbolames Per Second:	20 FPS
Scanning Accuracy:	Single Crown<10um, Full Arch<20um
Scanner Tip:	3 standard Tips/1 mini Tip/1 protective Cover
Scanner Tip Size:	Standard 115x21x16mm/Mini 115x17x13mm
Scanning Area:	Standard 16x14mm/Mini 12x10mm
Imaging Method:	Optical Continuous Video Capture
Image Mode Synchronization:	3D Video
Quick Reset:	Yes
Model Optimization:	Yes



Recommended PC Configuration

Processor:	Intel Core i7-11700H or higher
Internal Memory (RAM):	16 GB or higher
Hard Disk Drive:	256 GB SSD or above
Graphic Card (GPU):	NVIDIA Geforce 3060 6GB or higher
Operating System:	Windows 10 Professional (64-bit) or later versions of Windows operating system
Display Resolution:	1920 x 1080, 60Hz or higher
I/O Ports:	USB 3.0 (or higher) ports

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INTRAORAL SCANNER

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