



KNOW YOUR PRODUCT

The best partner for your clinic

SMART

DIO Intraoral Scanner

Speed / More Ergonomic / Accuracy / Reliability / Technology



DIO IMPLANT

One Button, Intuitive Control

Control should be effortless, and innovation should be intuitive. This design is aimed to simplify your digital interaction and optimize your workflow.



Anti-fogging Technology

DIO's innovative instant heating technology prevents the frustration of a fogged lens during the scanning.



Smaller and Lighter

Only 138g
221x27x25mm



Faster and More Accurate

1 min ultra-fast scan
7 μ m ultra-high accuracy

Smooth Operating Process



DIO has replaced the loud, vibrating sounds with a whisper-quiet scanning process. It helps transform your patient's appointment into a calming, gentle experience.



DIO IMPLANT



Motion Sensing

This innovative technology allows you to control your devices without any redundant touch, which provides you with a hygienic operating environment.



Plug and Play

No power adapter needed



Newly Designed Tip

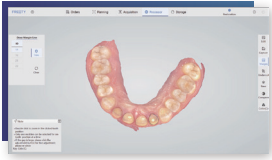
50-100 autoclaving cycles

SOFTWARE FEATURES



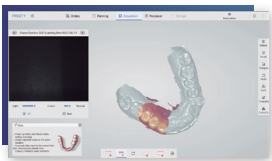
Undercut Check

Color gradient indicates undercuts, ensures accurate prediction, and improves communication efficiency between doctors and technicians.



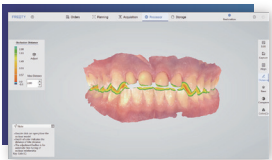
Margin Line Drawing

Draw accurate and clear margin lines, helping doctors and technicians reduce reworking on the same case.



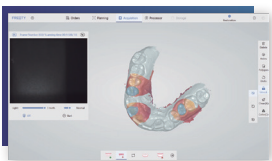
Pre-preparation Scan

Obtain the pre-preparation tooth state, retain bite data, and restore the original tooth form.



Bite Check

Color gradient indicates the distance between occluding arches, accurately evaluating restoration space and assisting in improving tooth preparation.



Lock Data

Locks the tooth position to prevent data loss and eliminate interference from unnecessary data.



Color Switch

The color function in the scan clearly displays details, allowing one-click color switching to comprehensively review the data.



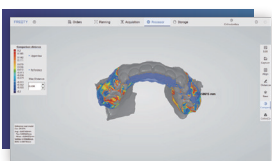
Hybrid AI Tissue Filtering

The AI Intelligent Scan software automatically identifies and removes redundant soft tissues such as the tongue and cheeks, ensuring that only relevant hard tissues are captured. This creates clean, accurate data models with minimal manual cleanup.



Orthodontic Simulation

Orthodontic simulation animations to help doctors and patients communicate easily, share quickly to the lab, and promote conversions.



Disease Course Monitoring Function

This feature helps dentists communicate effectively with patients by visually showing their condition through images or videos and tracking treatment progress, increasing patient confidence and reducing anxiety.



Cut Tool

Define, trim, and smooth the gingival margin. Soft tissue is automatically removed, significantly improving data clarity and usability.

APPLICATIONS

Implant



Data Acquisition



CAD - Implant Surgery Planning



3D Guide Printing



Dental Implant



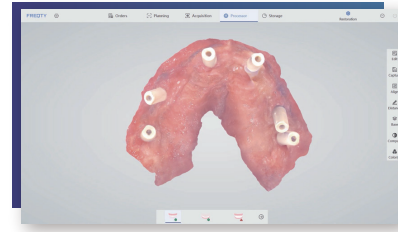
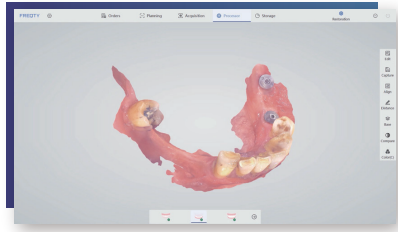
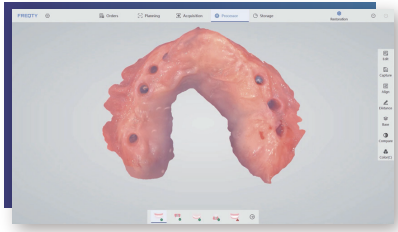
Secondary Data Acquisition



Dental Crown Fabrication



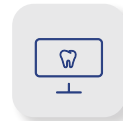
Fitting Crowns



Restoration



Data Acquisition



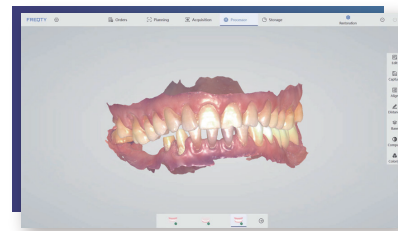
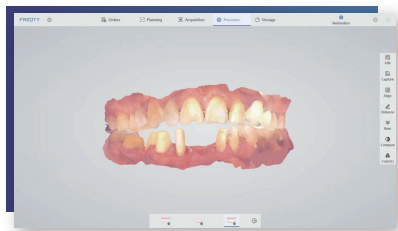
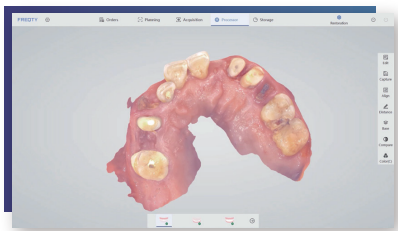
CAD - Restoration Design



CAM - Crown Milling Temporary Crowns



Fitting Crown & Bridges



Orthodontics



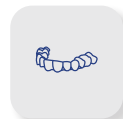
Data Acquisition



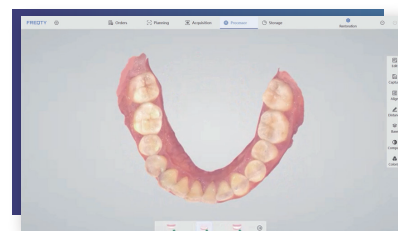
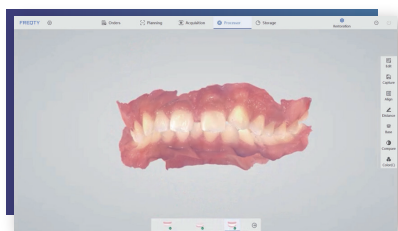
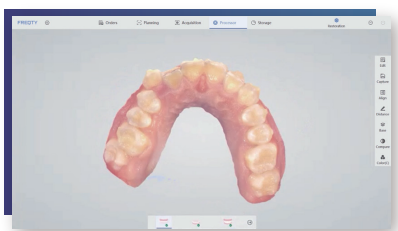
CAD - Orthodontic Plan



3D Model Printing



Make Aligners



DIO Intraoral Scanner ^{SMART}



ERGONOMIC
EFFICIENT
INNOVATIVE

SPECIFICATION

PRODUCT INFORMATION

Category	Smart P
Anti Fog System	Intelligent Heating
Accuracy	≤7μm
Precision	≤5μm
Handpiece Weight	138g (192g with cable)
Handpiece Dimension	221x27x25mm
Handpiece Enclosure	High-strength Aviation Aluminum Alloy
Scan Field	18x16mm
Scan Depth	0-20mm
True Color	Full HD
Tips	x6 (Autoclavable)
Tip Autoclave Cycle	50-100 Times
Data Interface	USB3.0
Cable Length(m)	1.85m

SOFTWARE

Category	Smart P
Types of Scanning	Orthodontics, Implant, Restoration
Image Capture	Yes
3D Data Preview	Yes
Output Files	STL, PLY, PTY (Encrypted for user)
Cloud Service	Yes
Cloud Service Price	5GB/Free
Direct Compatibility with Dental CAD	Exocad*
Main Image Processing Tools	Trim/Edit/Recover/Lock, etc.
Margin Line Drawing	Yes
Occlusal Match	Yes
Undercut	Yes
Data Comparison	Yes
AI Technology	Auto Tissue Remove, Overlap Correct, etc.
Software License	Free
Software Upgrade	Free
Transfer Data with API	Available

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PC REQUIREMENTS

Category	Smart P
CPU	Intel i7-12700H/Intel i7-11800H or above
RAM	16G/32G
Hard Disk	SSD 512G or above
GPU	RTX2060/RTX3060 or above
Operating System	Windows10/11 64bit
Display	Resolution 1920×1080 and above

*Check the PC recommendation or contact us for more detail.





DIO IMPLANT

The Oral Care Solution Creator

DIO DIGITAL IMPLANT INDIA PVT. LTD.

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