



INTRAORAL DIGITAL IMPRESSION



2025



Digital impression taking is the first step in any treatment in modern dentistry, allowing for several **important advantages**:

- **streamlined procedures**, time and cost **optimization** for the clinician
- **effective and timely communication** between clinic and laboratory
- **improved comfort**, greater awareness and therefore increased motivation to treatment for the patient

IESS Group offers you the **best technologies** to keep up with the evolution of **digital workflow**, thanks to **simple, versatile** and **reliable intraoral scanners**.



SMART



Sleek and Compact

Only 138g
221x27x25mm



Ultra Fast and Precise

1 min ultra-fast scan
7 µm ultra-high accuracy



Plug and Play

No power
adapter needed



Anti-fogging Technology

Our innovative instant heating technology prevents the frustration of fogged lens.



One Button, Infinite Control

Control should be effortless, and innovation be intuitive. This design is aimed to simplify your interaction with products. With just a single press, you saved the effort to point with a mouse.



Motion Sensing

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



Silent Operating Process

Transforming your dental appointment into a calming and stress-free experience



P3



Overall size
Only 228g
216x40x36mm



Ultra Fast and Precise
1 min ultra-fast scan
10 μ m more precise
field of view 18x16 mm

Depth of field
0-15 mm
(Adjustable up to 20mm)

Button Control
The tiny button carries great responsibilities, controlling the entire digital workflow. It prevents cross contamination by not touching the screen or clicking the mouse. Safety is always top priority.



Motion Sensing
The gyroscope inside the scanner allows to see different angles of scanned images by just simply rotating the scanner. So you do not have to touch the screen to see the image.



P4 WIRELESS



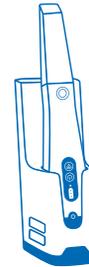
2 H continuous scanning

High speed and high-quality transmission



Upper jaw+ lower jaw+ Occlusion

Total scan time of 2 min



Super charge 1H

Metal button
Remote control of scanning process

-  **One Click:**
Start/Pause scanning
-  **Double Click:**
Switch buccal/Switch color
-  **Long Press:**
Next step/Model process

Wireless connection
Breaking free from the constraints of traditional cables, making scanning more convenient and efficient



Detachable tips
You can choose suitable tips according to the different scanning scenarios

Upgraded chips
The chip upgrade has improved the scanning efficiency of smoke and blood stains, bringing higher quality scanning data

Built-in battery
Set and charge. No need to replace the battery, making 24/7 standby accessible



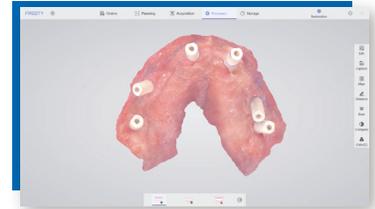
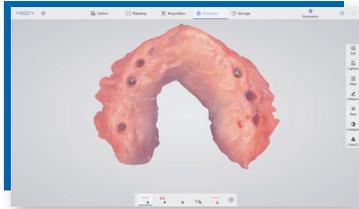
Scan up to 60 cases with full battery Built-in battery

When you are not scanning, you can set it in the base for charging, which greatly extends the battery life

APPLICATION

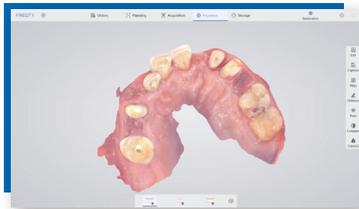
IMPLANT

- 
Data Acquisition
- 
CAD - Implant Surgery Planning
- 
3D Guide Printing
- 
Dental implant
- 
Secondary Data Acquisition
- 
Make Dental Crowns
- 
Fitting Dental Crowns



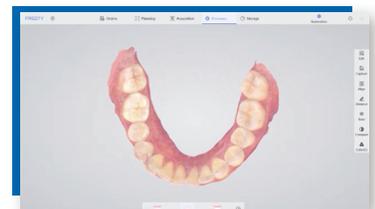
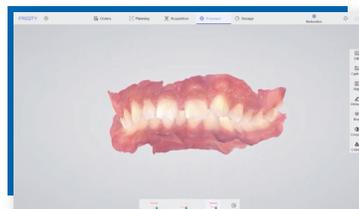
RESTORATION

- 
Data Acquisition
- 
CAD Restoration Design
- 
CAM
- 
Fitting Dentures



ORTHODONTICS

- 
Data Acquisition
- 
CAD Orthodontic Plan
- 
3D Model Printing
- 
Make Aligners
- 
Fitting Aligners



PARAMETERS	SMART	P3	P4
Accuracy	≤7 μm	≤15 μm	≤15 μm
Precision	≤5 μm	≤10 μm	≤10 μm
Handpiece Weight	138g (192g with cable)	228g	237g
Handpiece Dimension	221x27x25mm	216x40x36mm	238x42x35mm
Scan Field	18x16mm	18x16mm	18x16mm
Scan Depth	0~20mm	0~15 mm (Adjustable up to 20mm)	0~21mm
True Color	Full HD	Full HD	Full HD
Full arch scanning time	1 min	1 min	<2 mins

SOFTWARE FEATURES



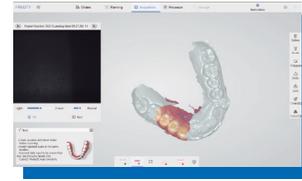
Undercut Check

Auxiliary confirmation in place, colour gradient indicates undercut, accurate prediction, and improves the communication efficiency between doctors and technicians.



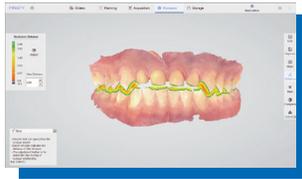
Margin Line Drawing

Draw accurate and clear margin lines, linking doctors and technicians to reduce rework.



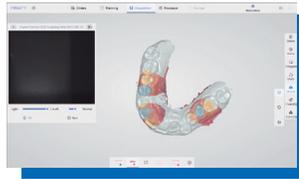
Pre-preparation Scan

Obtain pre-preparation tooth state, retain bite data, and reshape the original teeth.



Bite Check

Color gradient indicates distance, accurately judges the restoration distance and assists in improving the effect of tooth preparation.



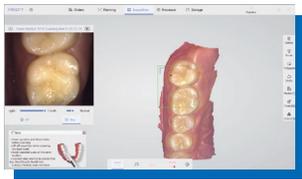
Data Lock

Locks the tooth position to prevent data loss and reject excess data interference.



Color Switch

True color jaws, clearly restore details, one click to switch colors, and check model data comprehensively.



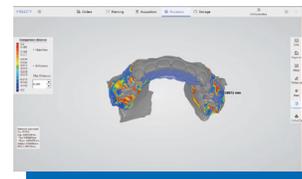
AI Intelligent Scan

Easily identify soft and hard tissues, eliminate redundant data, and make accurate dental models.



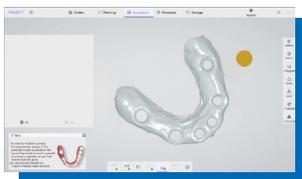
Orthodontic Simulation

Generate simulation animations to help doctors and patients communicate, share quickly, and promote orders.



Disease Course Monitoring

Full-cycle diagnosis and treatment monitoring, comparative observation of model differences, simultaneous analysis, comprehensive upgrade of diagnosis and research.



Cuff Tool

Clear cuff data, avoid tissue interference and lock automatically, significantly improving data reliability.

PC REQUIREMENTS	SMART - P3 - P4
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 1920x1080 and above

SOFTWARE	SMART - P3 - P4
Types of Scanning	Orthodontics, Implant, Restoration
Image Capture	Yes
3D Data Preview	Yes
Output Files	STL, PLY, PTY (encrypted for user) OBJ (P4 only)
Cloud Service	Yes
Cloud Service Price	5GB/free
Direct Compatibility with Dental CAD	Exocad*
Main Image Processing Tools	Trim/Edit/Recover/Lock, etc.
Software licences	Free
Software upgrade	Free



IESS Group is the new international company established in 2021 from the merging of **Geass** and **iRES Group** and which expanded further in 2022 with the entry of **Multysystem**.

In addition to one of **the sector's most extensive product portfolios**, IESS Group also provides a **wide range of services** designed to support the dentist in all professional aspects.

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