FREQTY

Panda Scanner

PANDA P4

Panda
Scanner

Less
is
More

Upgraded chips

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

Detachable tips

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

One Click:
Start/Pause scanning

Double Click:
Switch buccal/Switch color

Long Press:
Next step/Model processing

Metal button

Remote control of scanning process.

Light weight
Only 237g

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

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

3 in 1
The dock
The charger
The base

No more
Tedious
Steps

2 H continuous scanning

High speed and high-quality transmission

Upper jaw+ Low jaw+ Occlusion

Total scan time of

2 min

Super charge 1 H

It only takes 1 hour to reach the full power

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

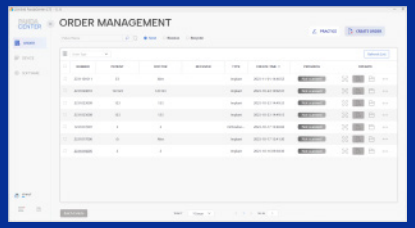
Platform

We have self-designed software to assist you in completing digitalization

1. **Panda Center** One-stop case management and data scanning
2. **Panda OrthoSim** Orthodontic simulation contributes to a better doctor-patient communication
3. **Cloud** Data storage and fast data transmission

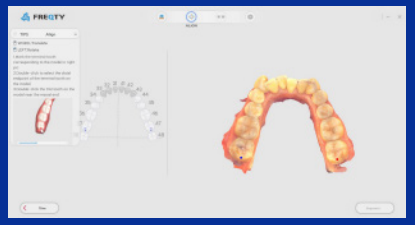
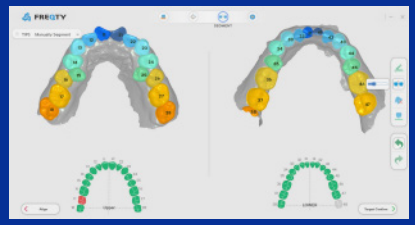
Panda Center

The new software PandaCenter can achieve full process connectivity and information integration from case creation, scanning, uploading data, to diagnostic analysis, allowing dentists to enjoy a more convenient and intelligent experience.



Panda OrthoSim

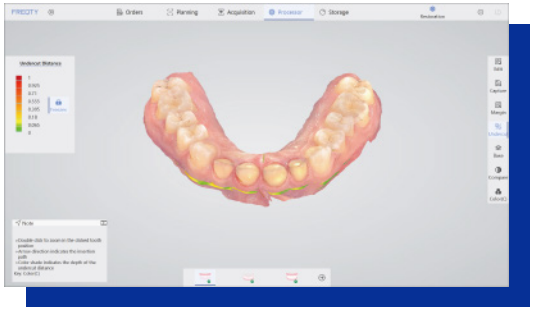
The new version of orthodontic simulation software combines advanced technological means and intelligent algorithms to achieve functions such as three-point alignment, intelligent segmentation, and intelligent tooth arrangement, making orthodontic treatment more convenient and accurate, bringing a new experience to both the dentists and the patients.

Cloud

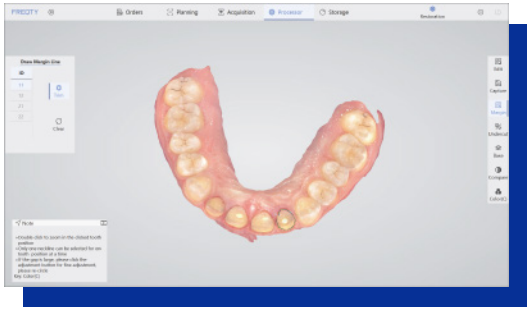
Panda scanner provides stable, reliable, and efficient data transmission services for clinics and labs, while also possessing functional features such as case management, 3D preview, and case sharing, helping users better manage and process business data, and improving their work efficiency.

Software Features



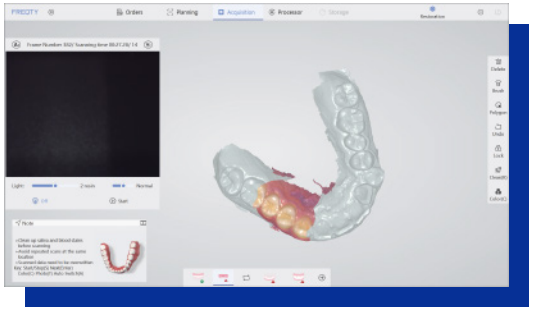
Undercut Check

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.

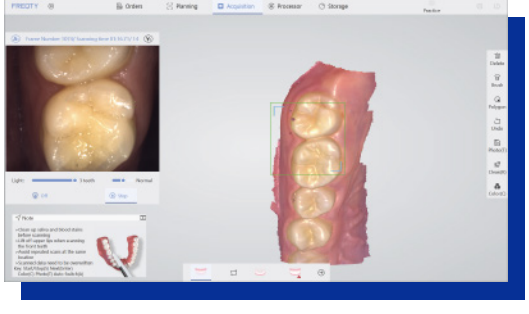


Pre-preparation Scan

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

Color Switch

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

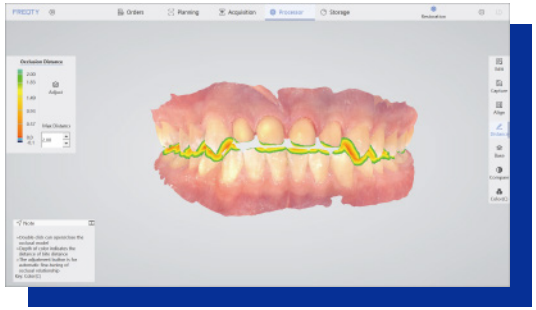


AI Intelligent Scan

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

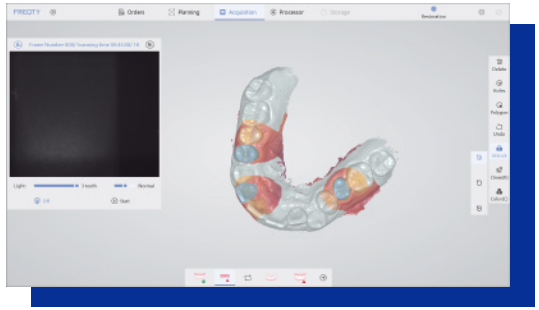
Orthodontic Simulation

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



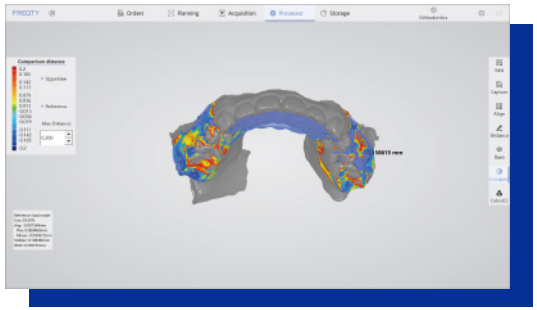
Bite Check

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



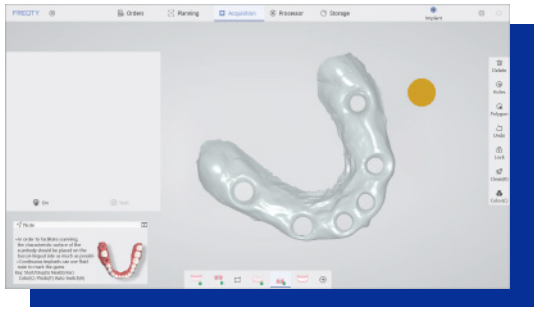
Data Lock

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



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.

PANDA P4

For Every User

Specification

PRODUCT INFORMATION

Category	PANDA P4
Technology	Dynamic Staring 3D scanning
Handpiece Dimension	238mm×42mm×35mm
Handpiece Weight	237g
Tips	6 Tips
Tips Dimension	83x19x14(N) / 82x20x16(D) / 88x20x16(M)
Scan Field	18mm×16mm
Scan Depth	0~21mm
Output Files	STL, PLY, PTY, OBJ
Connection Method	Wireless
Full Arch Scanning Time	＜2 mins
Light Source	White LED+ Laser
Accuracy	≤15 μm
Precision	≤10 μm
Multi-function Button	YES
Montion Sensing	YES

SOFTWARE

Category	PANDA P4
Types of Scanning	Orthodontics, Implant, Restoration
Image Capture	Yes
3D Data Preview	Yes
Output Files	STL, PLY, PTY, OBJ
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	PANDA 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 1920×1080 and above

*Check the PC Recommendation Catalog on our website for more detail.

WARRANTY

Category	PANDA P4
Standard Warranty	2 years
Extended Warranty	2 years

*Note: Free maintenance during the first two years (No labor fee charged)

Customer Support

Email: support@freqty.com
Toll Free Number (USA): 888-855-2562
WhatsApp (Global): +86 18108286761

FREQTY

Panda Scanner

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