

Product presentation

OWANDY-105



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Our Owandy-IOS, the new **intraoral scanner**

The communication made easy.

Wireless version



Wired version



I. FAST SCAN TECHNOLOGY

Ultra Fast Scanning

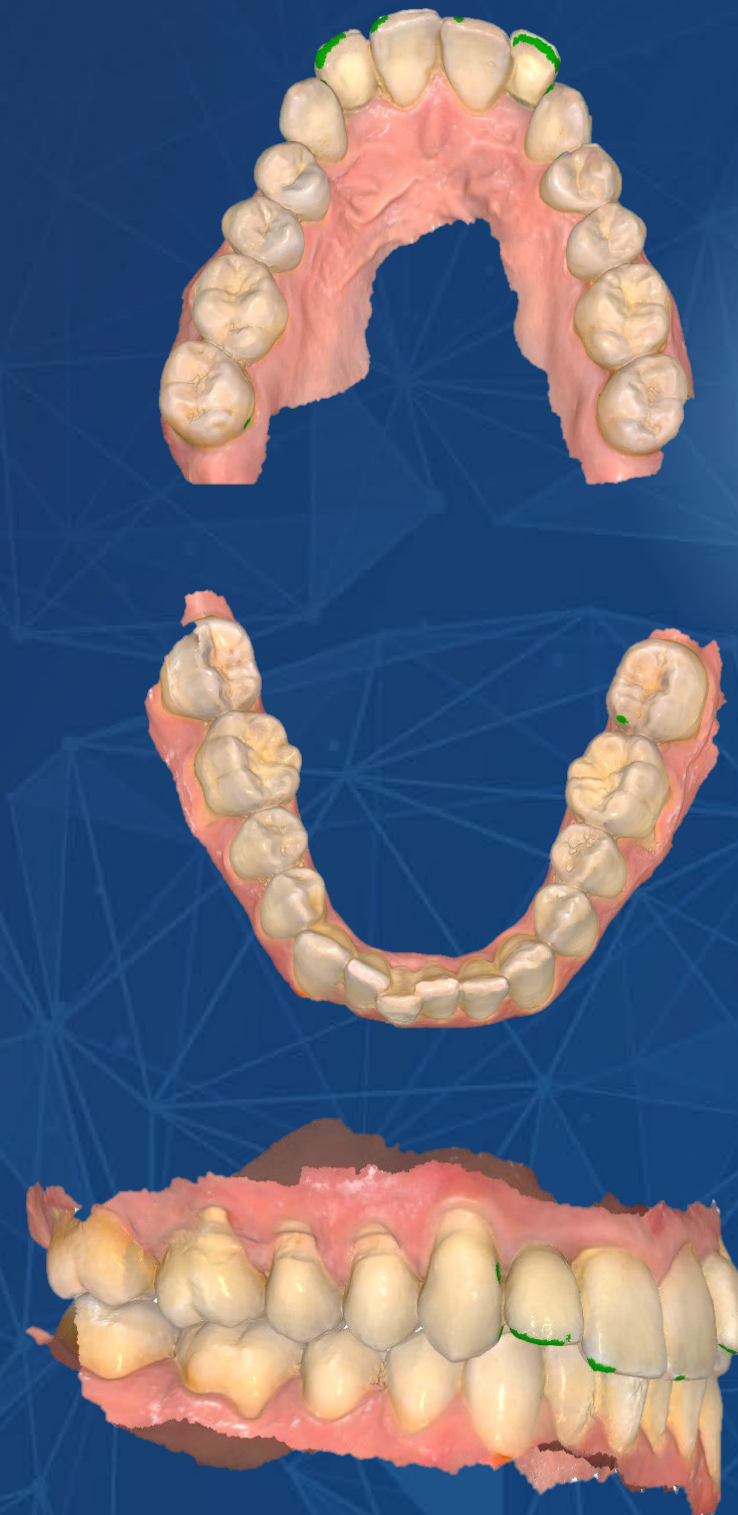
- Immediate scanning, no warm-up
- 20 seconds for full arch scan
- 60 seconds for full mouth scan
- High speed data transfer



II. ACCURATE TECHNOLOGY

Pristine Accuracy

- 20 µm accuracy
- No moving parts, it stays precise, calibration-free
- AI-powered reconstruction
- High fidelity images



III. SIMPLICITY OF USE

Convenient Features

- Intuitive interface
- Calibration free: no calibration required (accuracy or color)
- Dual Scan button: no need to turn the tip
- Remote Joystick Mode: no need to touch your PC
- 2 tip sizes, for different patients



IV. DESIGNED FOR EVERYDAY USE

Long Battery Life

- **2 hours continuous scanning on a single charge (Wireless version)**
- **All in one battery station with integrated spare battery (Wireless version)**
- **No external power supply (Wireless version)**



Owandy-IOS: key points

20 Seconds for One Arch •.....

20 µm Accuracy •.....

Dual Scan Button •.....

Calibration Free •.....

•..... 2 Tip Sizes

•..... No Warm-Up

•..... High Speed Data Transfer

•..... True Color



Owandy-IOs: **two versions**

Wireless



Wired



Owandy-IOs: dimensions

245g
(with battery)

198g



IOS Software

- **Owandy IOS Dashboard**

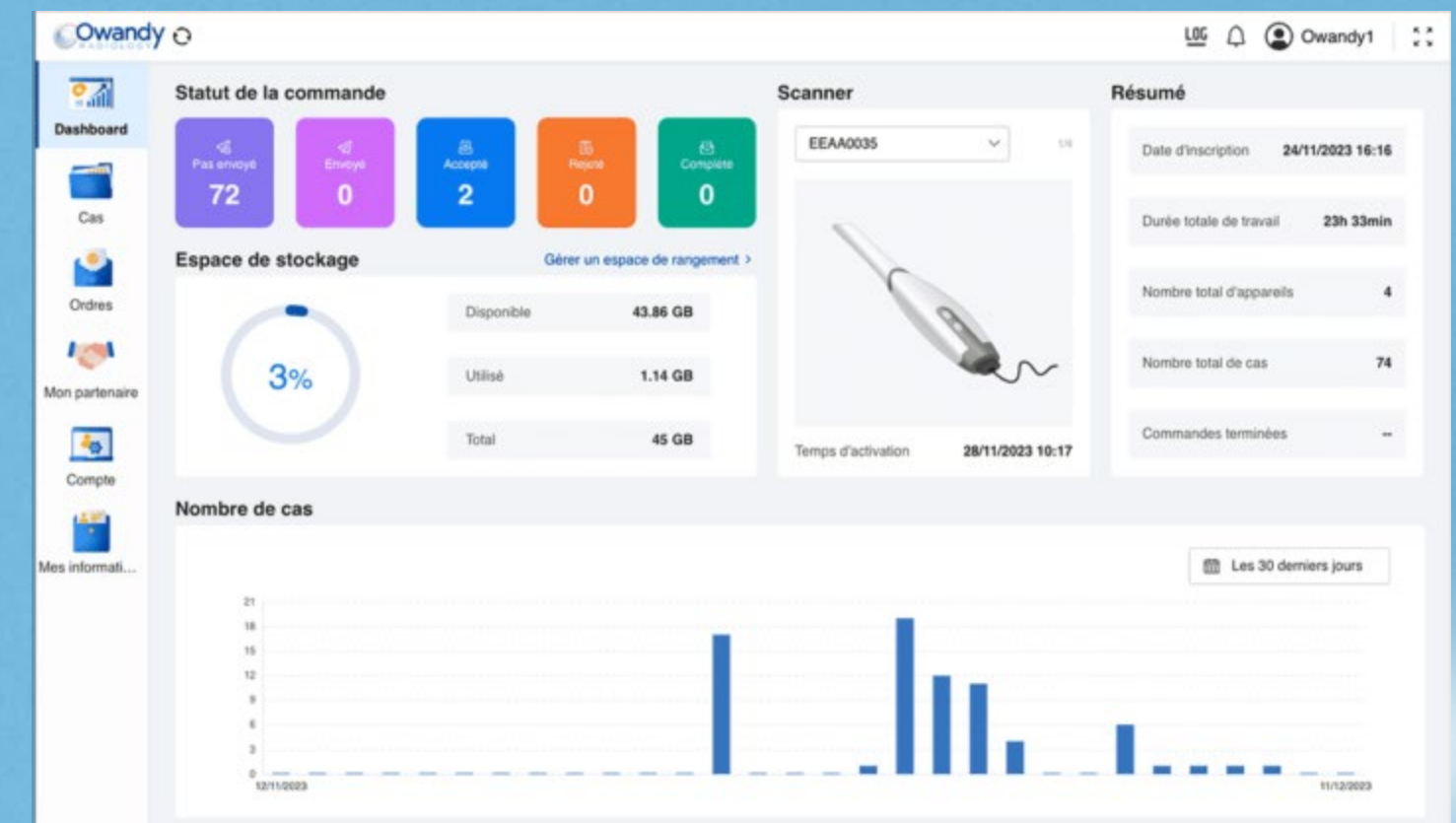
Monitor case and order status, track storage usage, access device statistics, and visualize daily scans.

- **Cloud Storage & Data Synchronization**

Seamlessly integrate with cloud storage for efficient file storage and remote data management.

- **Communication**

Built-in direct communication for quick and effective lab interaction, leading to better end-products and time/resource savings.



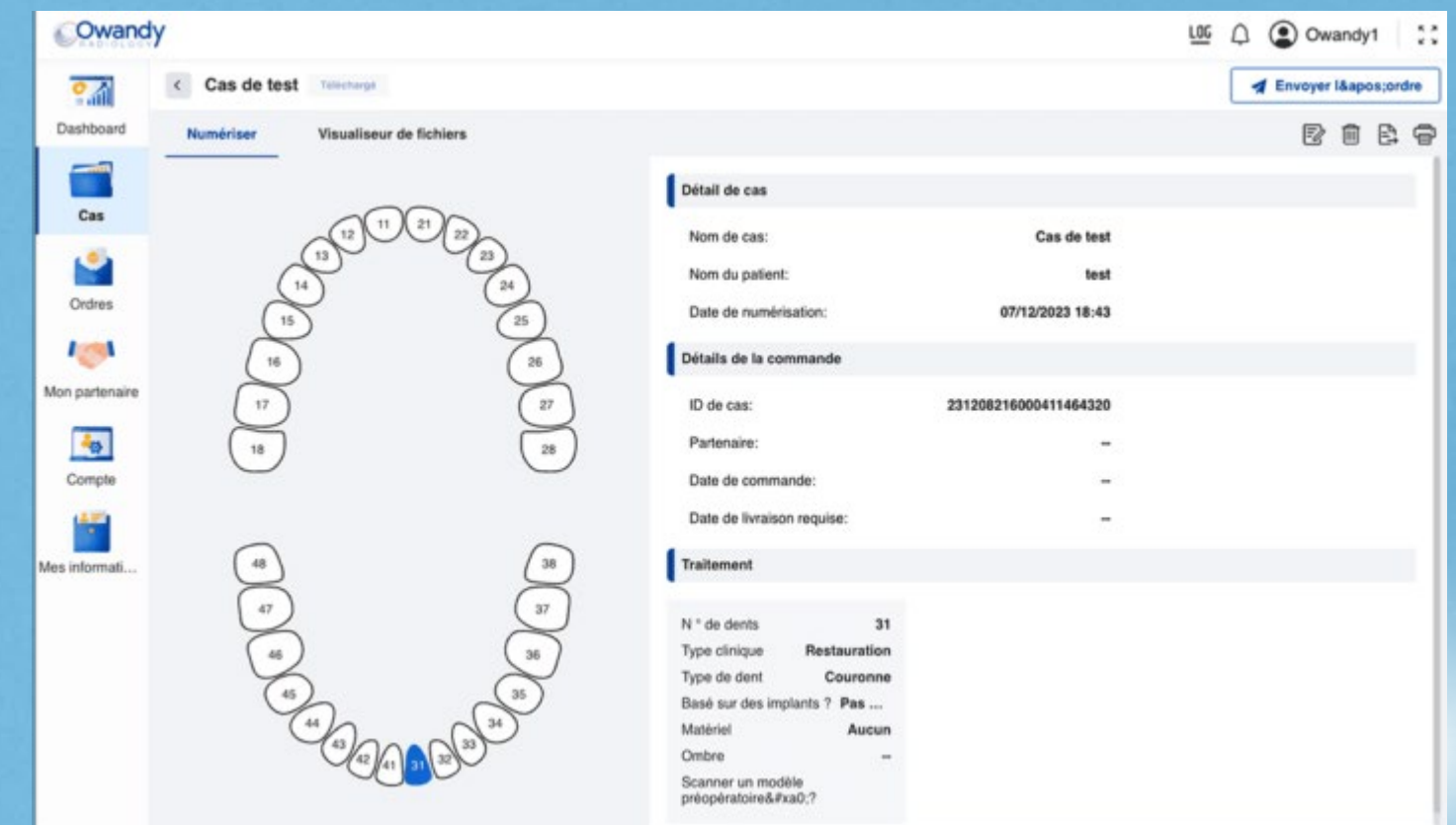
IOS Software

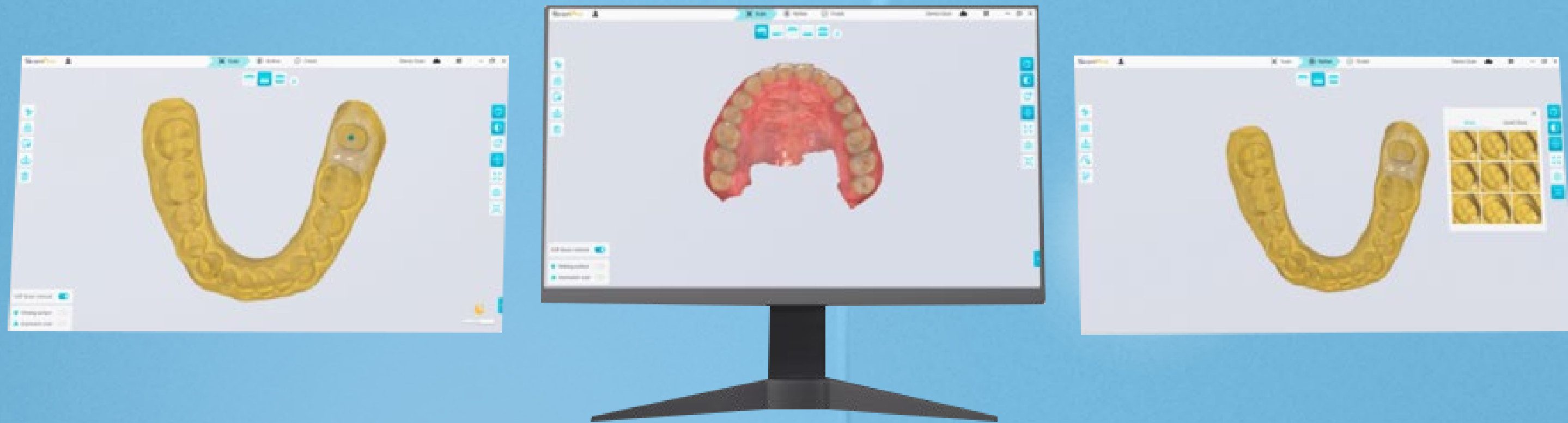
- **Patient & Case Management**

Easily compare patient data over time, access case history, and integrate data from other devices for accurate diagnosis and tailored treatment plans.

- **Web Viewer & Data Sharing**

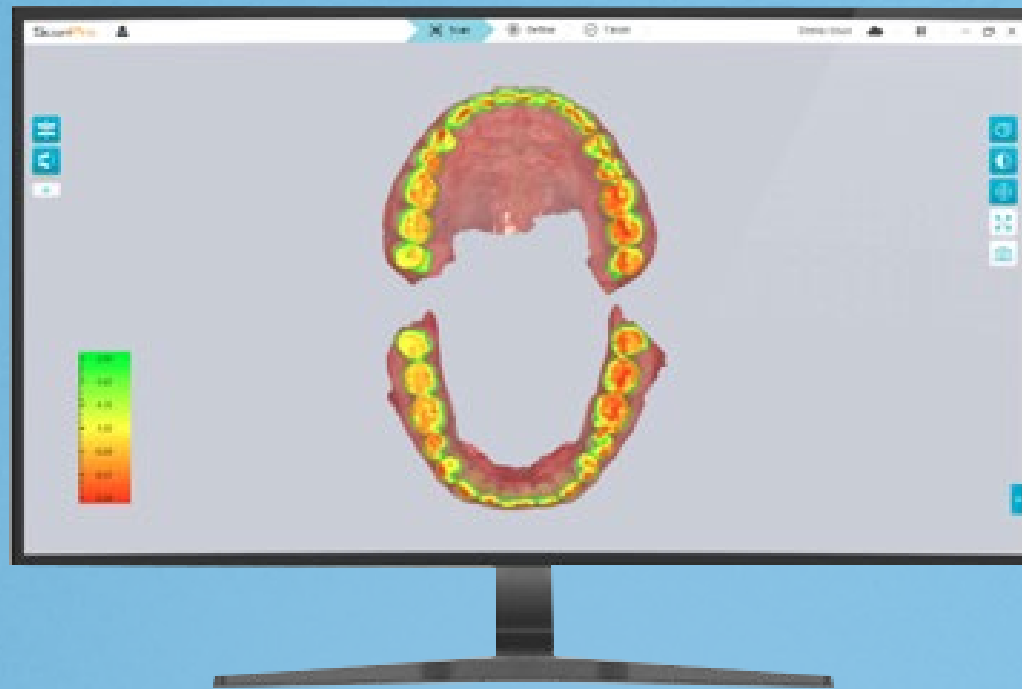
Conveniently view and adjust scan data, communicate in real-time, and share 3D data links to enhance collaboration and patient care.





Scan Pro

ScanPro provides essential features in a user-friendly interface. Equipped with a variety of tools such as occlusion analysis, undercut detection, measurement, and margin line tools, it allows you to effortlessly capture and edit digital impressions. You can confidently send the edited impressions to labs, knowing that they are accurate and reliable.



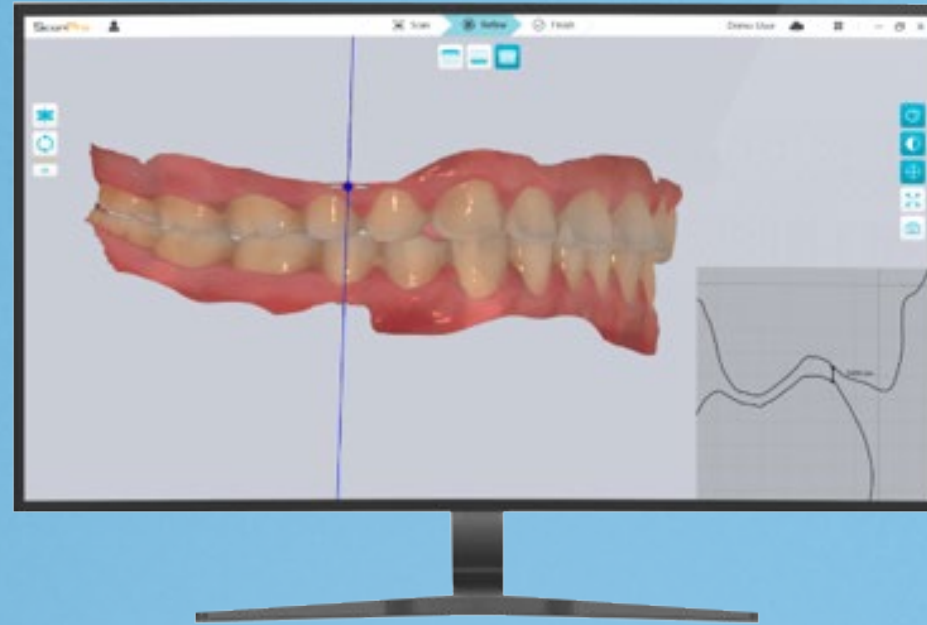
Occlusion Analysis

Analyzes the interference between the maxilla and the mandible and visualizes the results using a color map.



Undercut Check

Analyzes the undercut region based on the insertion direction.



Measurement

Allows users to measure the distance between two points on a clipping plane.



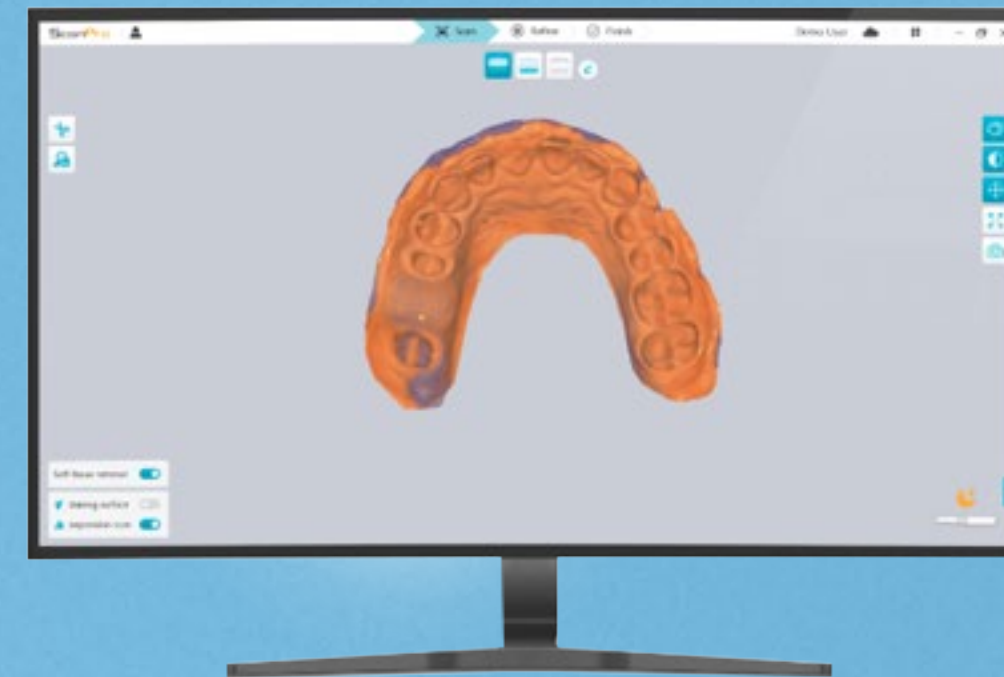
Margin Line

Creates margin lines by automatic detection or manually drawing. These margin lines can be imported into a design program at a later stage.



Metal Scan

Scanning metal or highly reflective surfaces becomes more effortless and efficient.



Impression Scan

Combines data from both intraoral scans and impression scans seamlessly.



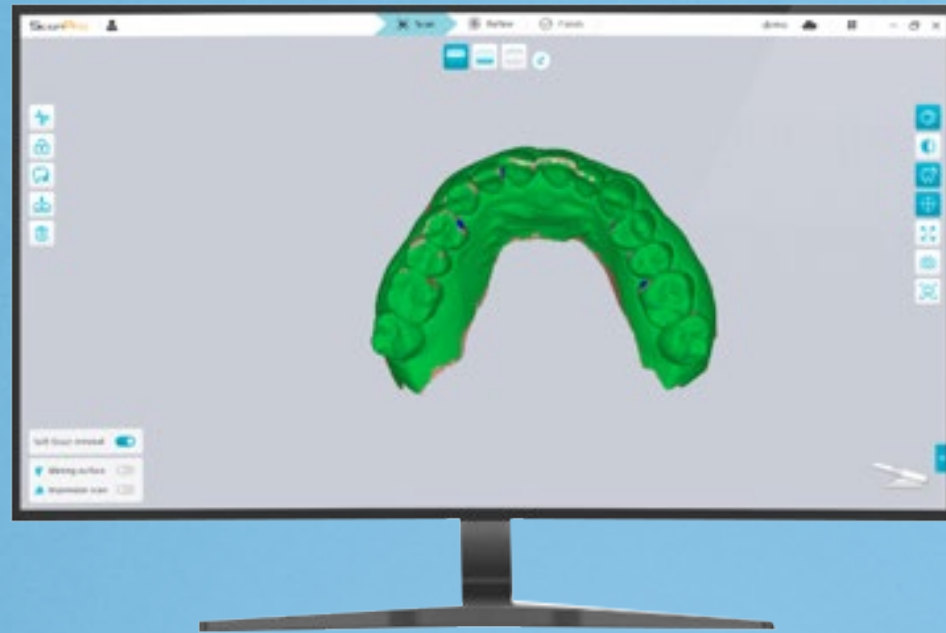
HD Image

Achieves higher resolution and sharper margin in the working area.



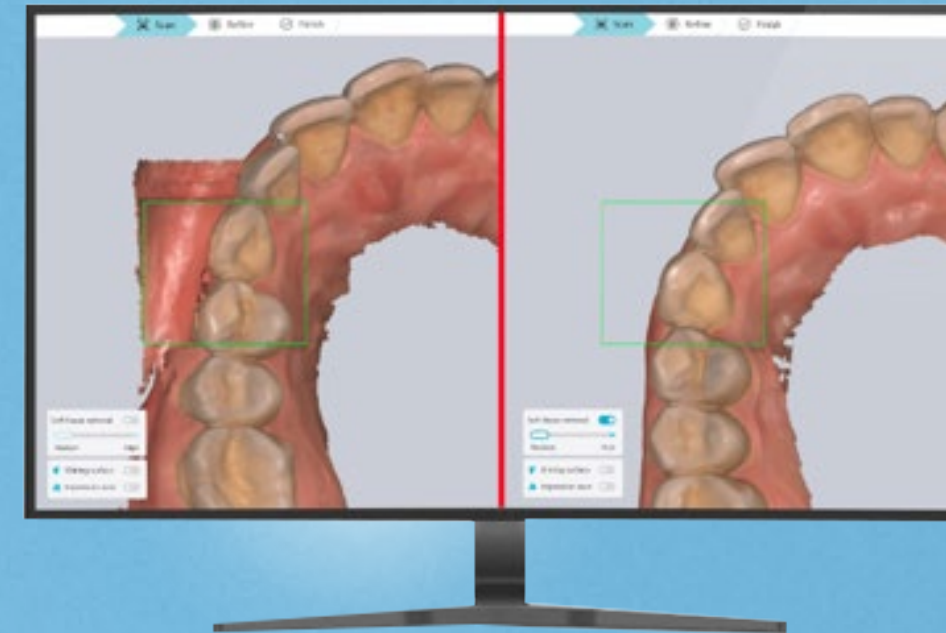
Intraoral Camera

Enables the direct selection of intraoral images from a 3D model, which can subsequently be exported together with the 3D model.



Scan Quality Detection

Scan quality detection utilizes different colors to indicate the data quality of different regions, prompting users to perform additional scans on areas with less data.



Soft Tissue Removal

The AI-powered algorithm automatically eliminates unnecessary soft tissues, which are the primary hindrance during scanner.



Collaborate with Lab
Exocad® Format



Export your impressions in **.STL .PLY**
and **.OBJ** format



100% Cloud Based Access files from
anywhere



IOS App Store

- New free apps all the time
- No subscription and free updates
- 3rd party integrations with leading industry references
- Security and conformity: exclusive storage silos, servers on every continent



Model
Builder



Smile
Design



Mesh
Compare



Ortho
Simulation

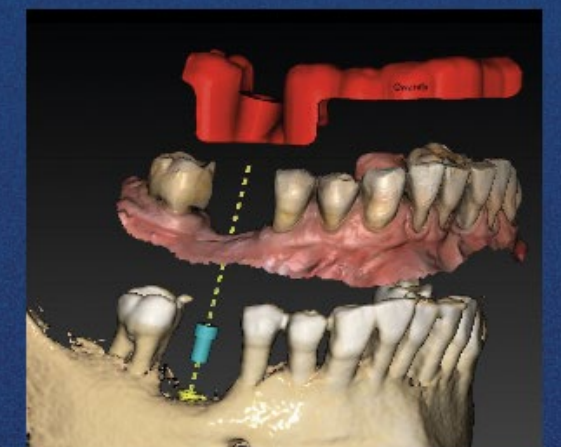
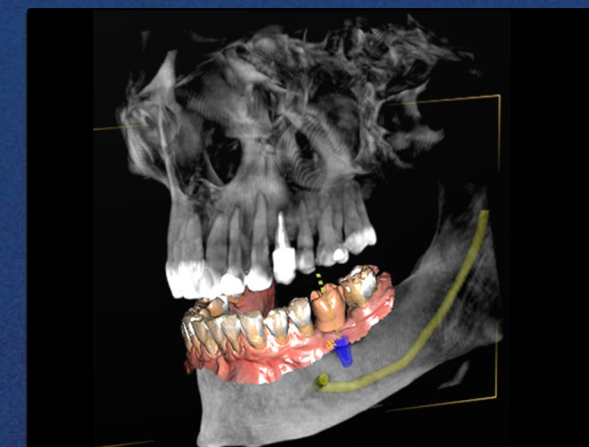
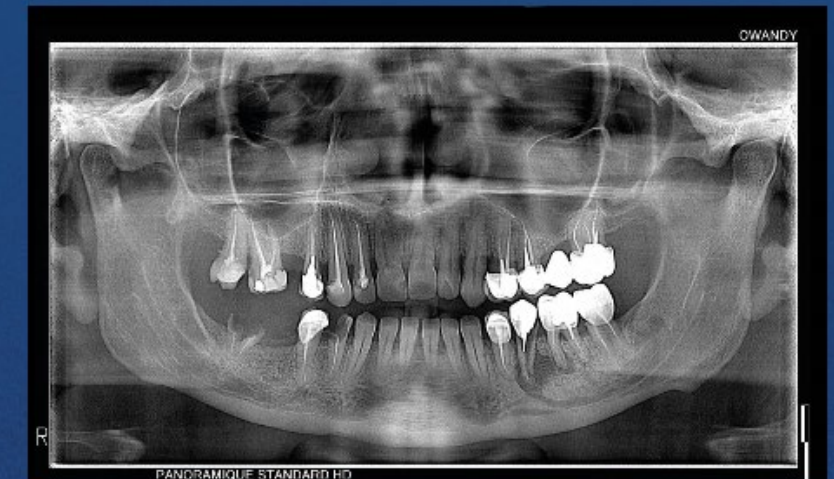


Oral Health
Report

Our software suite **streamlines** the **clinical workflow** by bringing together **all patient data** in a **single environment**.

From **image capture** to **prosthetic project**, our software is there to assist you daily.

- **Image management and patient database**
- **.DICOM and .STL File automatching**
- **Digital implantology**
- **Guided surgery**



		Owandy-IOS Wireless	Owandy-IOS Wired
Handpiece	Dimensions	248 x 48 x 37 mm	175 x 49 x 39 mm
	Weight	245g (with battery)	198g
Scanning	Full-Arch Accuracy	20 µm	
	Depth of Field	18 mm	
	F.O.V.	16 x 14 mm (L) ; 12 x 12 mm (S)	
	Capture Button	Duo Buttons	
Tip	Size	22 x 18 mm (L) ; 18 x 16 mm (S)	
	Autoclave	Up to 60 times ; 134°C 4mins	
Battery	Scan Duration	120 min	N/A
	Charging	Wireless	N/A
Calibration		Calibration free	

Minimum System Requirements

	Desktop	Laptop
CPU	9 th Generation Intel Core i5-9600 AMD Ryzen 5 2600	10 th Generation Intel Core i7-10750H AMD Ryzen 7 4700U
RAM	16 GB	
Graphics	NVIDIA GeForce GTX 1650 4 GB	
Disk	512 GB SSD	
OS	Windows 11 (64 bit)	

* NVIDIA graphics cards have full support, while other manufacturers' cards may lack certain advanced features.

Recommended System Requirements

	Desktop	Laptop
CPU	9 th Generation Intel Core i7-9700 AMD Ryzen 7 2700	10 th Generation Intel Core i7-10870H AMD Ryzen 7 PRO 4750U
RAM	32 GB	
Graphics*	NVIDIA GeForce GTX 1660 6 GB	
Disk	1 TB SSD	
OS	Windows 11 (64 bit)	

* NVIDIA graphics cards have full support, while other manufacturers' cards may lack certain advanced features.



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