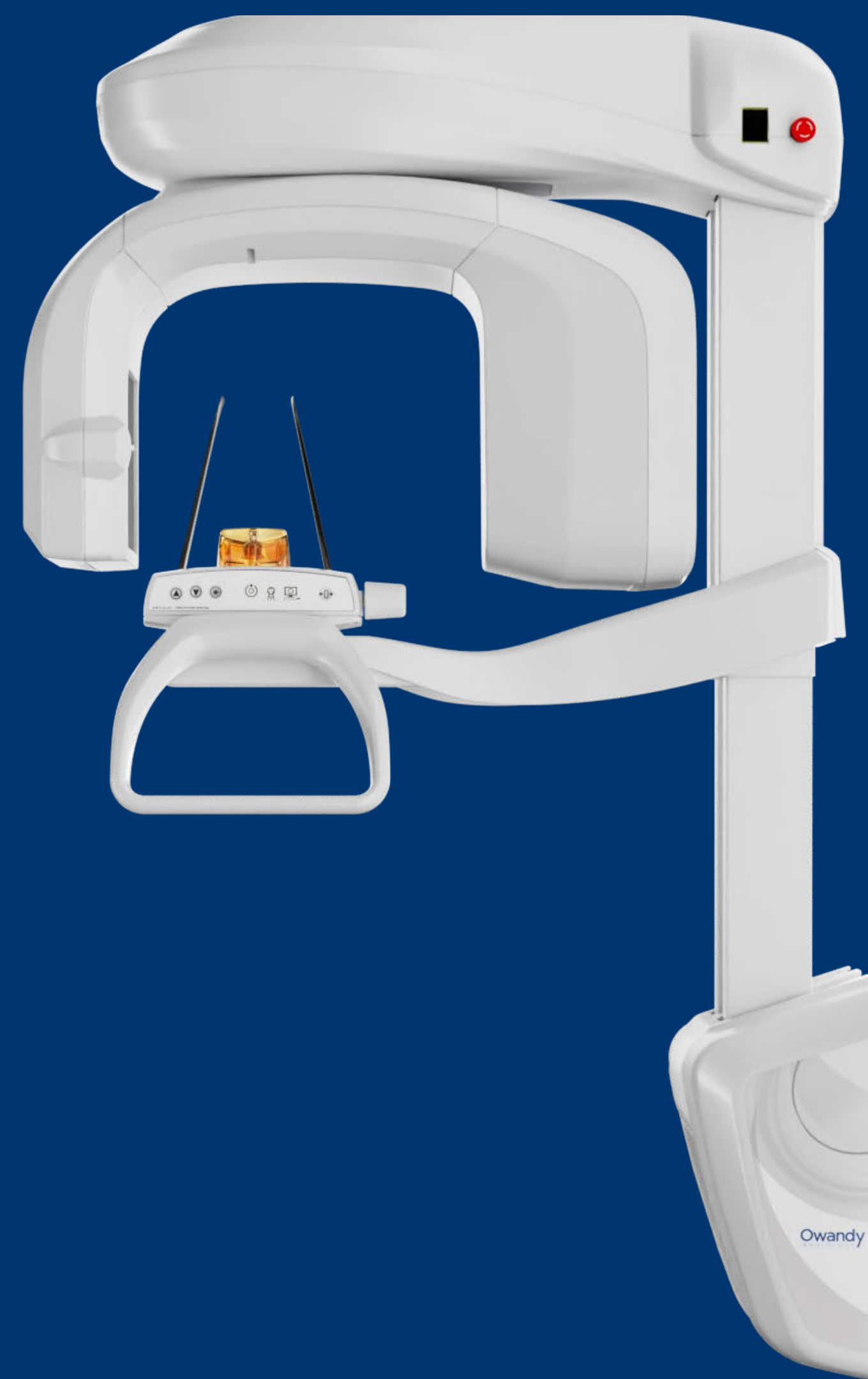


Product presentation

# I-Max 3D XPRO

*2D, 3D, Ceph version*



# Overview

**01**

I-Max Pro, 20 years of R&D for 150kg less

**02**

New: SUPER IGZO Sensor

**03**

I-Max 3D XPRO: key points

**04**

I-Max 3D XPRO: new features and dimensions

**05**

Quickvision 3D and Ceph Analysis

**06**

Owandy Academy

**07**

I-Max PRO & XPRO range



Our I-Max range, **20 years of R&D for 330,69 lbs less**

Eco-design, fewer material resources, reduced impact on the environment.

**2003 - I-Max Plus**

**462,97 lbs**

**2024 - I-Max XPRO**

**136,68 lbs**



# Eco-design

## Product life cycle

Less extraction of materials and  
precious metals

Recycling

Optimised  
production :150kg  
less material

Reduction of CO2  
emissions during  
transport

**136,68 lbs**



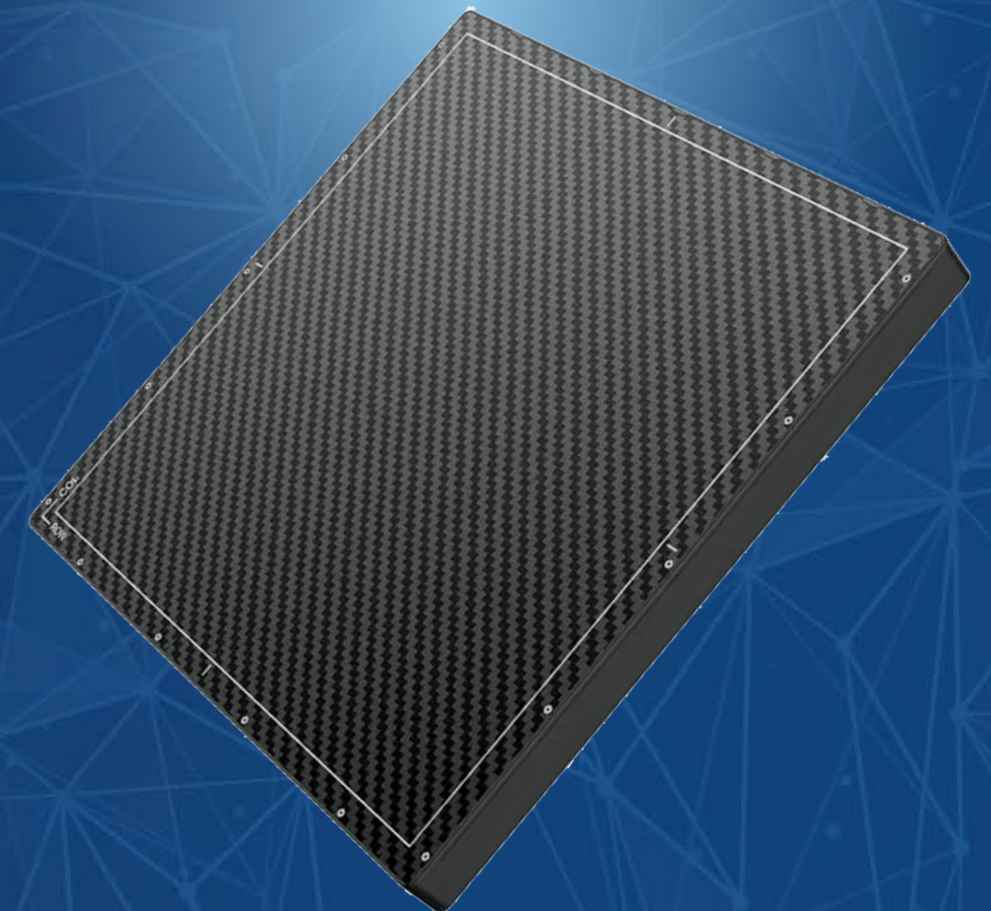
# IGZO, new sensor technology

*Unrivalled image quality*

**IGZO** = Indium Gallium Zinc Oxide

- Excellent image quality at low doses with dynamic contrast
- Voxel 70µm for 3D volumes

# IGZO





# IGZO, smart sensor

*Unrivalled image quality*



Latest sensor technology with new algorithms:

## Super IGZO

- **TRUVIEW® ART**  
Automatic reconstruction of image sharpness.
- **FOCUS** scintillator technology  
Create very low-noise images.
- **DEPAI** AI image processing  
AI denoising processing.





01

# TRUVIEW® ART\*

*\*Advanced image Reconstruction Technology*

Unique inverse filtering technology, using mathematical analysis, reconstructs and improves image sharpness. This patented technology corrects the blurring of an X-ray image to capture more detail. TRUVIEW®ART increases the MTF value by up to 30% by suppressing light scattering when X-rays are converted to light.



Sharper, clearer diagnostic images



# 02

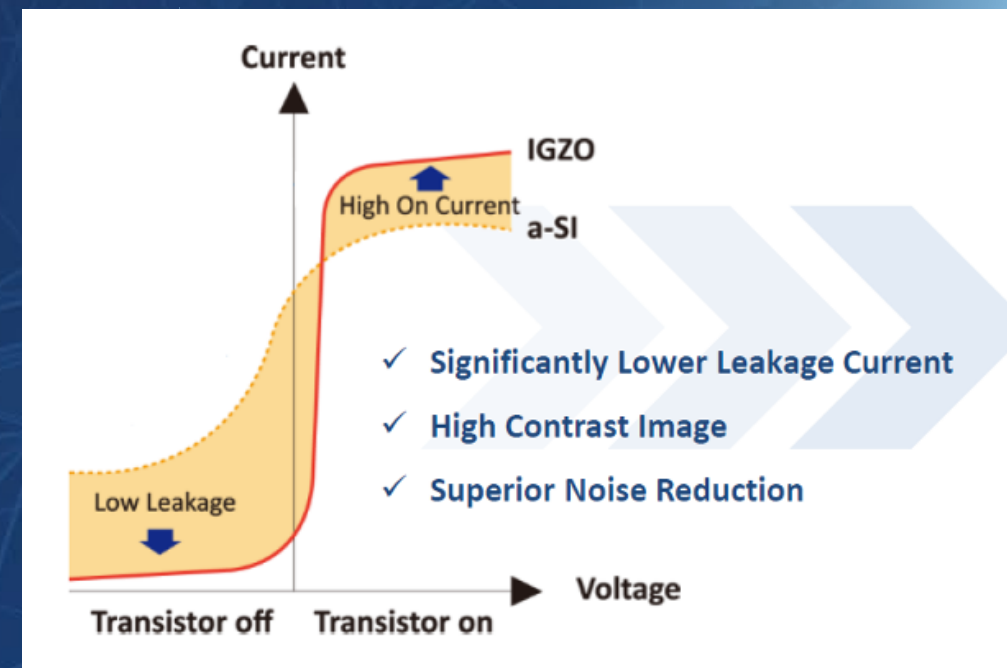
## FOCUS\*

### Scintillator Technology

*\*Fluorescent Optical Csl Upgraded Structure*

The FOCUS scintillator has a more focused optical signal than conventional Csl.

This results in very low noise and excellent SNR , even at low doses.



Sharper, clearer images with a lower dose



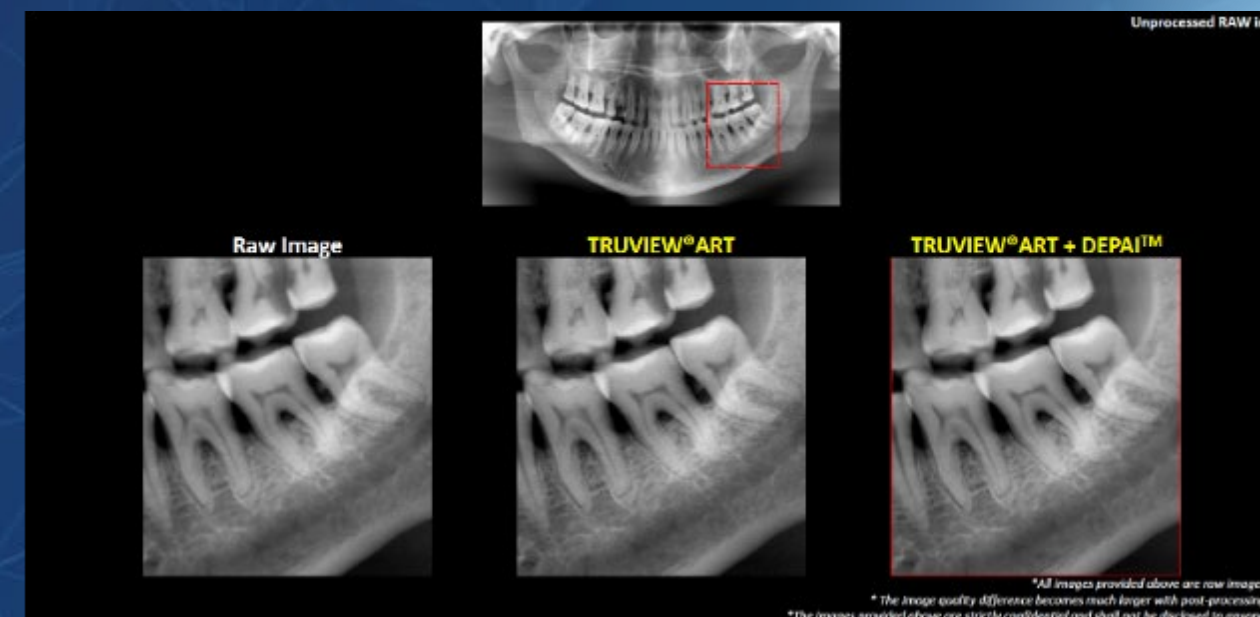
# 03

## DEPAI\*

*\*Denoising Processing Artificial Intelligence*

DEPAI AI Denoising uses the latest AI Imaging technology to achieve high quality, low noise images without compromising image sharpness.

With DEPAI AI Denoising image processing, the signal-to-noise ratio (SNR) is improved by 40%, enabling low-noise images to be obtained without having to worry about high-noise images.



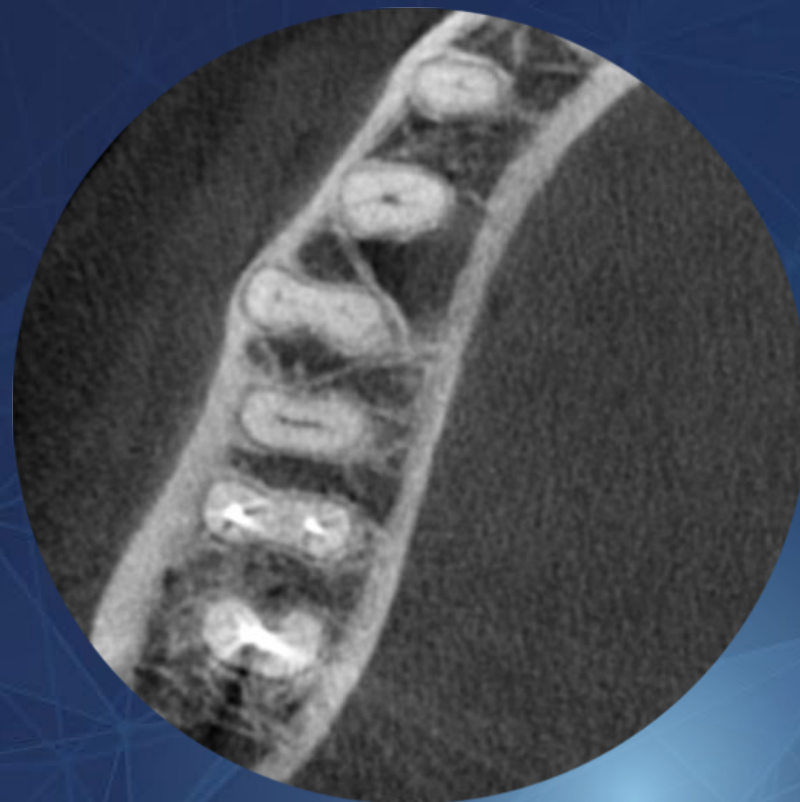
Sharper, clearer diagnostic images



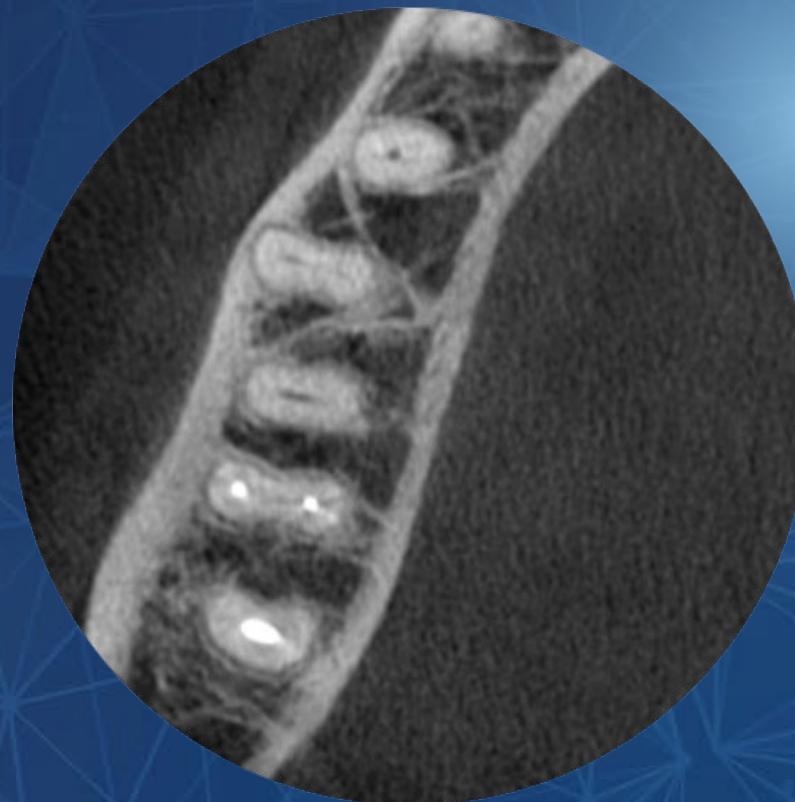
## **AutoMAR BY OWANDY** (Automatic Metal Artefact Reduction)

Reduce radiation artefacts thanks to our new algorithm.

**without AutoMar**



**with AutoMar**



**side view**





## I-MAX 3D XPRO

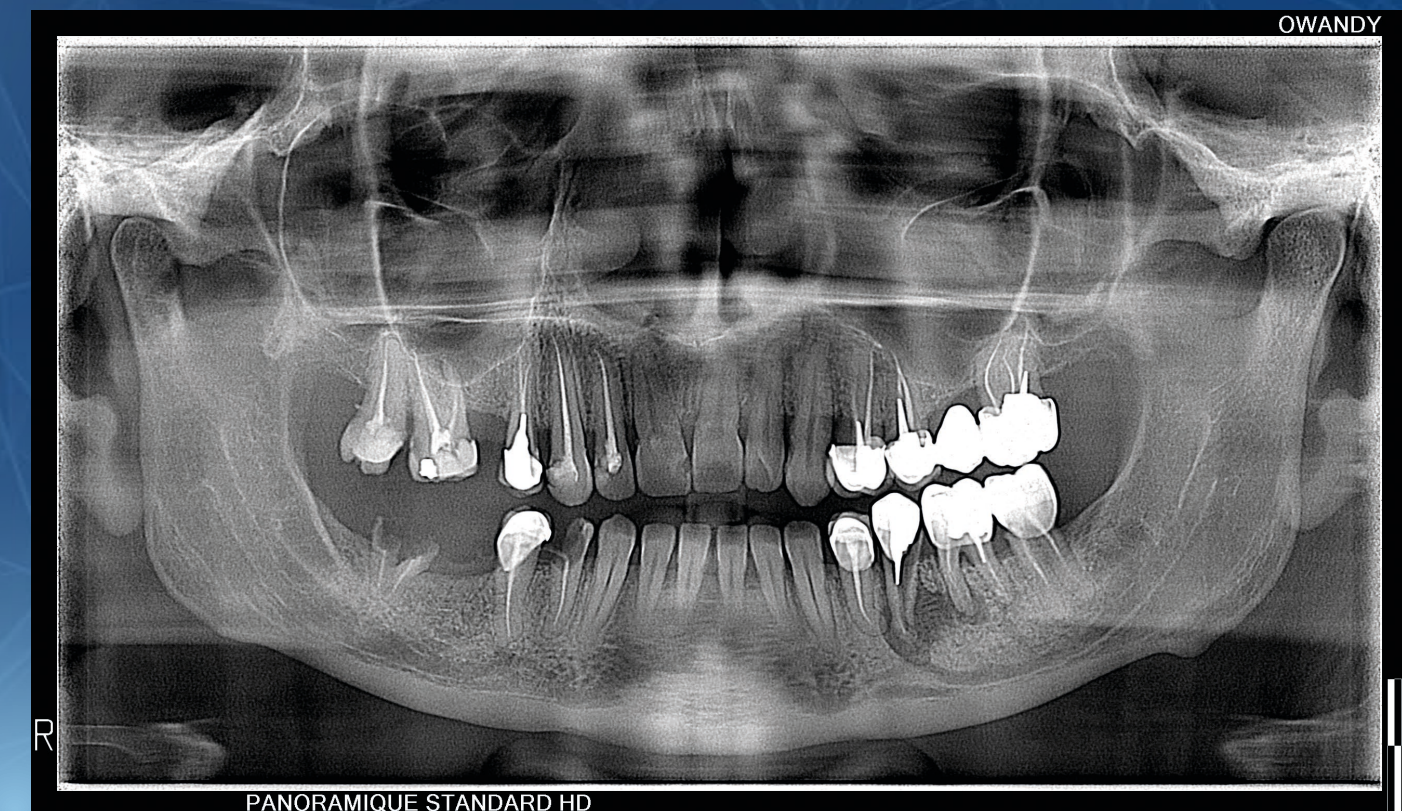
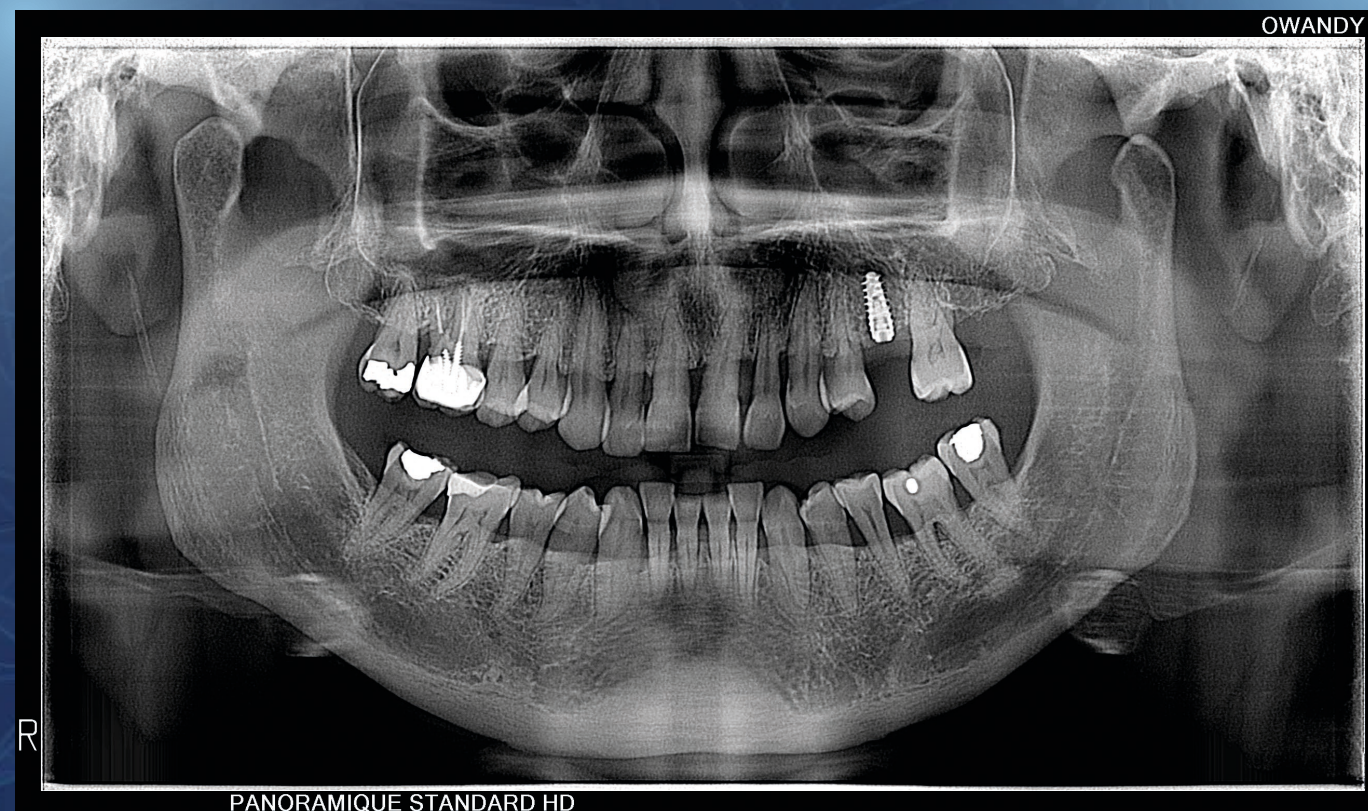
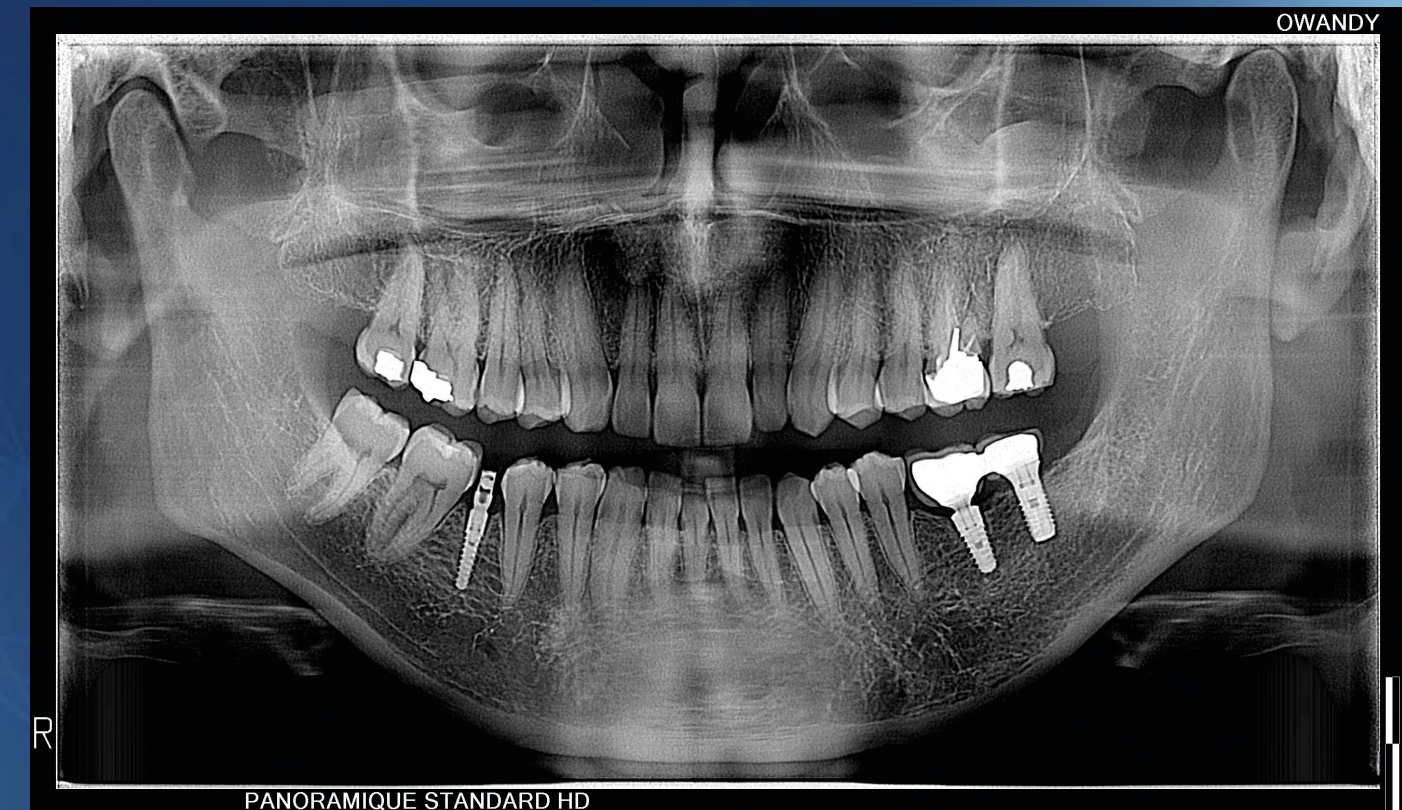
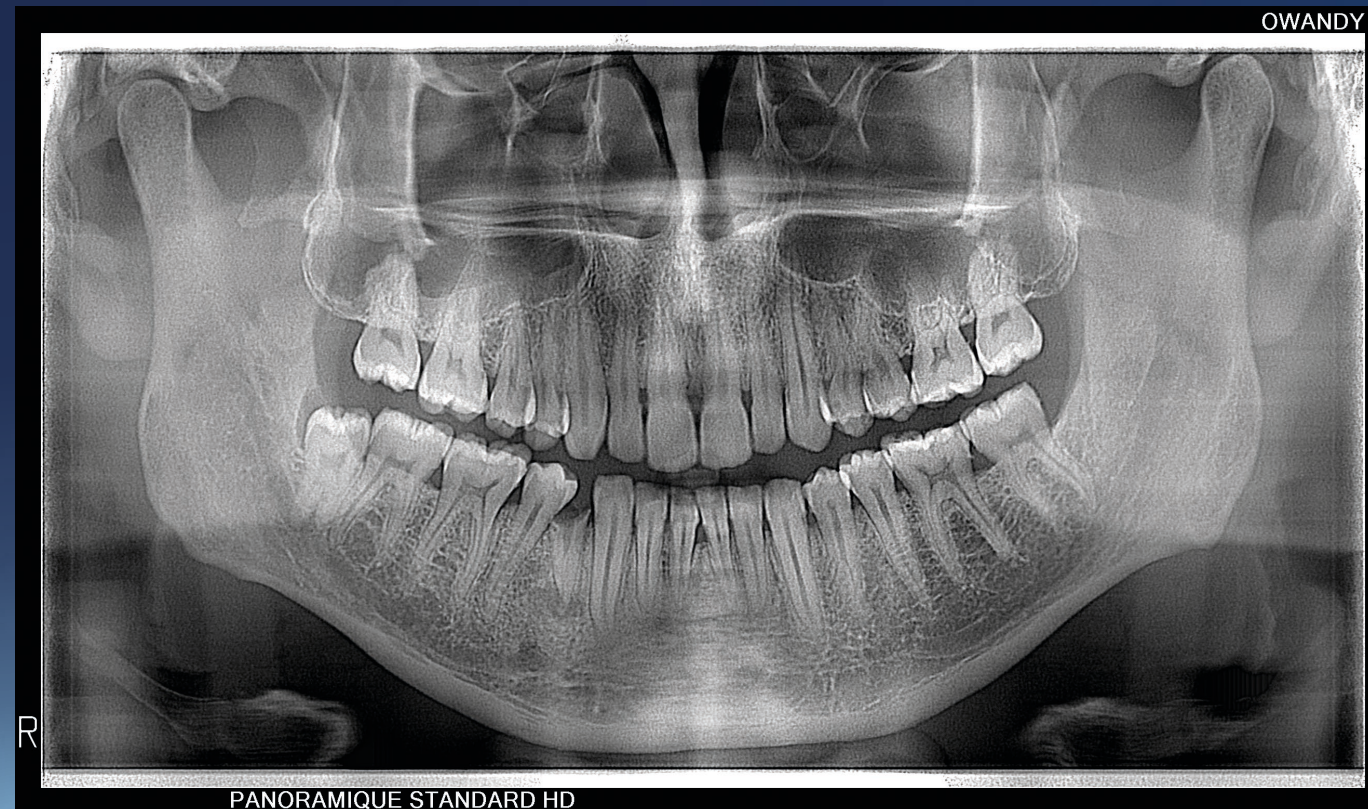
- High-definition images: 70μm





## SENSORS LATEST GENERATION WITH SUPER IGZO TECHNOLOGY

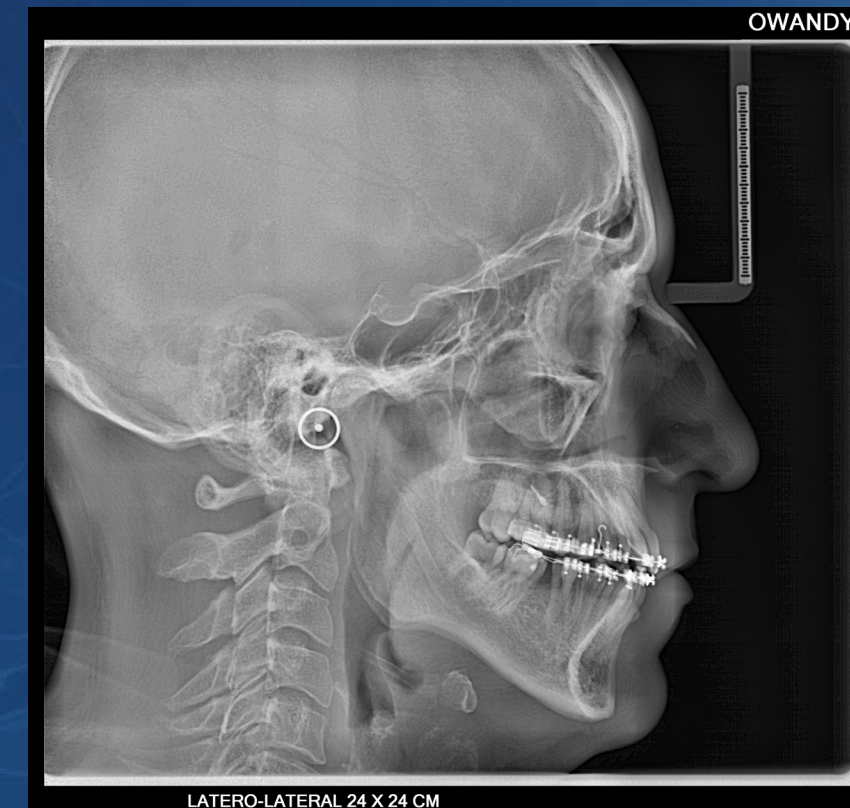
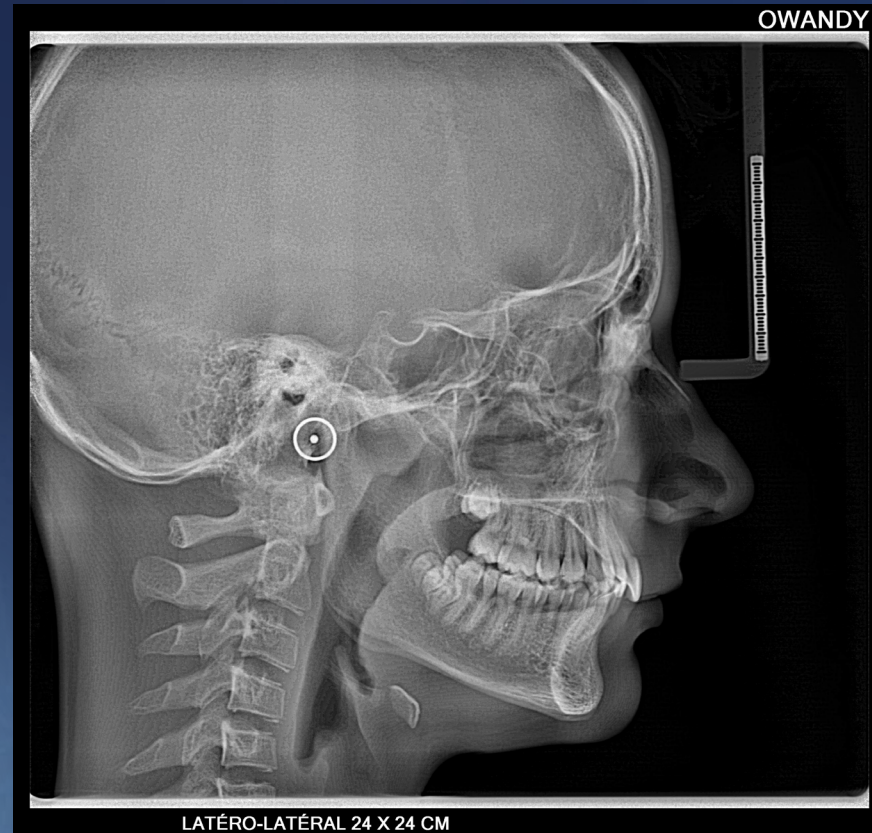
Exceptional image quality while reducing X-ray doses to protect your patients.





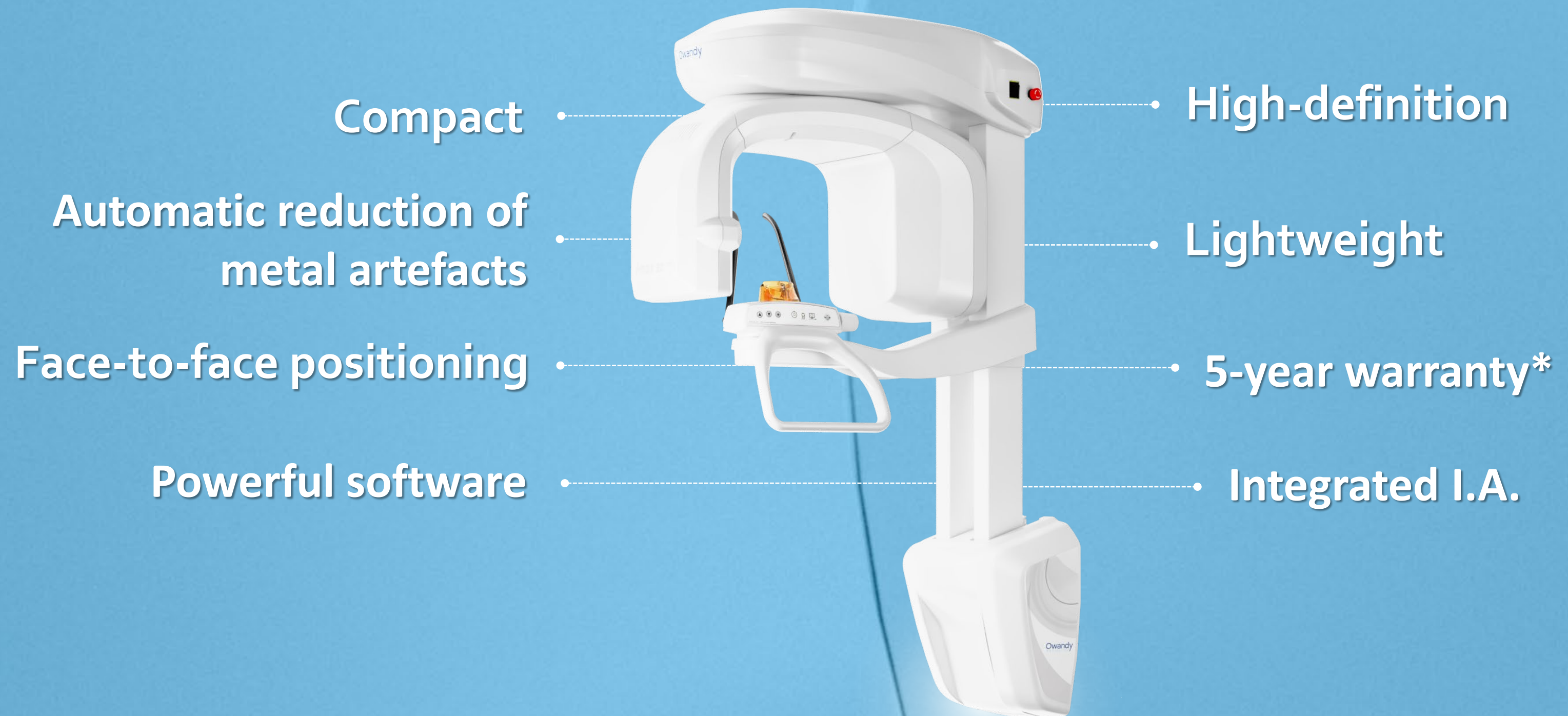
## CEPHALOMETRIC SENSORS LATEST GENERATION WITH CMOS TECHNOLOGY

Exceptional image quality while reducing X-ray doses to protect your patients.





# I-Max 3D XPRO : Key points



*\*optional. (Valid for sensor and generator)*





### EXCEPTIONAL IMAGE QUALITY

70μ ultra-high quality for improved patient diagnosis.



### 4-IN-1 MULTIFUNCTION MACHINE

Panoramic, 3D and cephalometric images and 3D objects scans (impression trays, plaster models).



### GROUND OCCUPATION

Small footprint (<10,76ft<sup>2</sup>) with wall-mounting for easy installation.



### CREATE SURGICAL GUIDE

Safer surgery with greater gesture control.



### 3D CONE BEAM MULTI - F.O.V

20 3D programs with a field of view from 16x11 cm to 5x5 cm.



### FACE-TO-FACE POSITIONING

For better patient positioning and image quality.

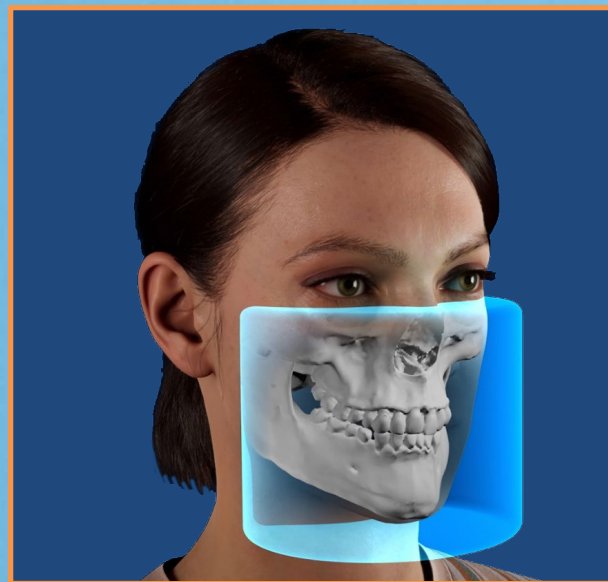


# CONE BEAM MULTI-FOV ( Field of view)



**16 x 11 CM**

Complete dentition,  
TMJ, sinuses, airways  
(Optional)



**12 x 10 CM**

Complete dentition  
with condyles



**9 x 9 CM**

Complete dentition



**9 x 5 CM**

Complete arch



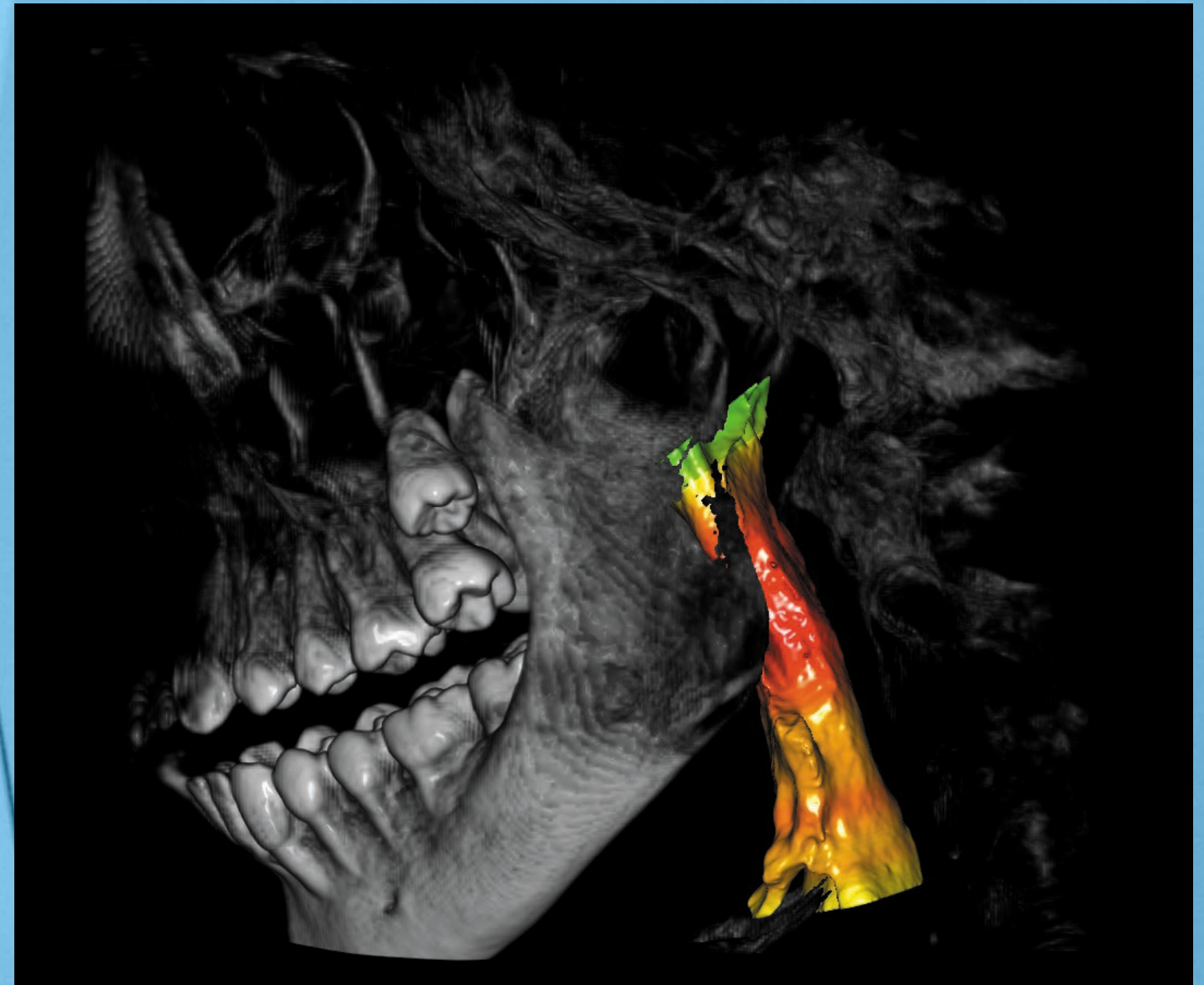
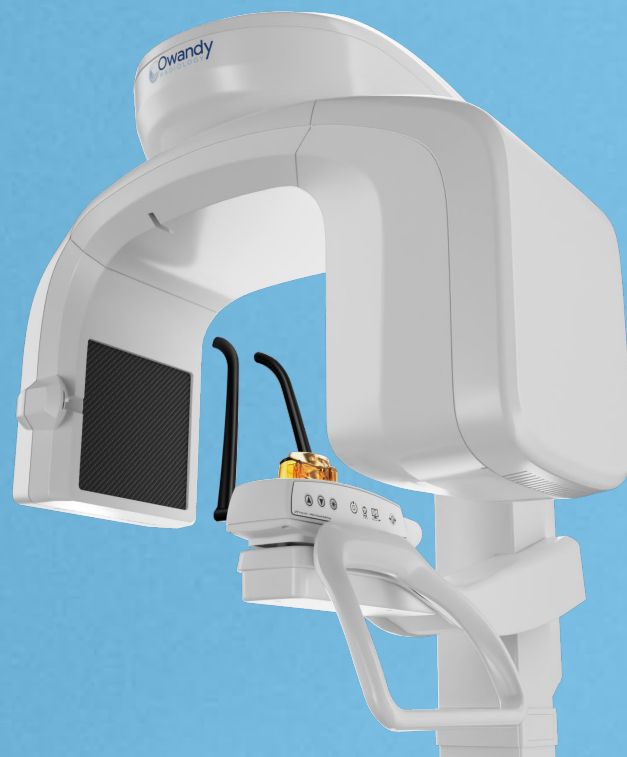
**5 x 5 CM**

Sectoral volume



# AIRWAYS STUDY

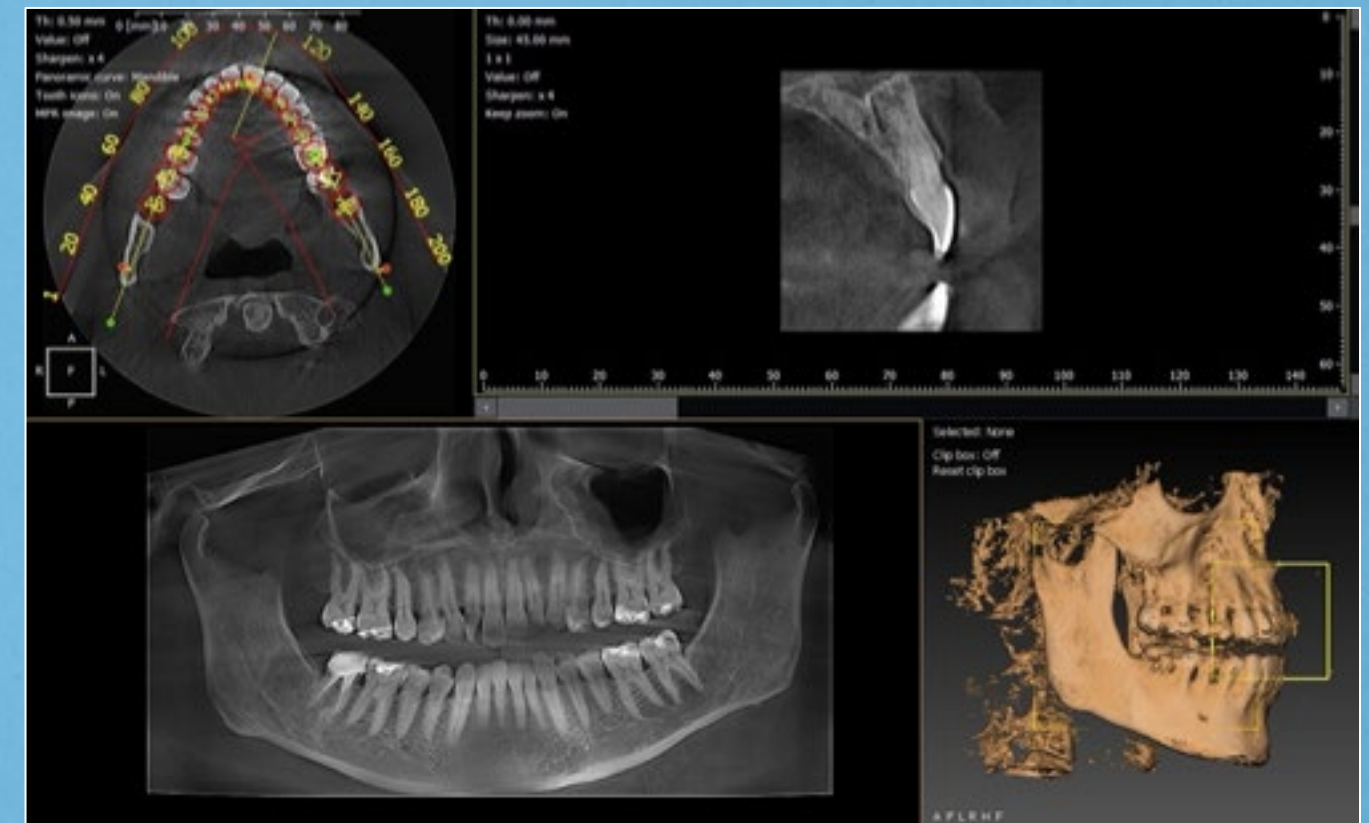
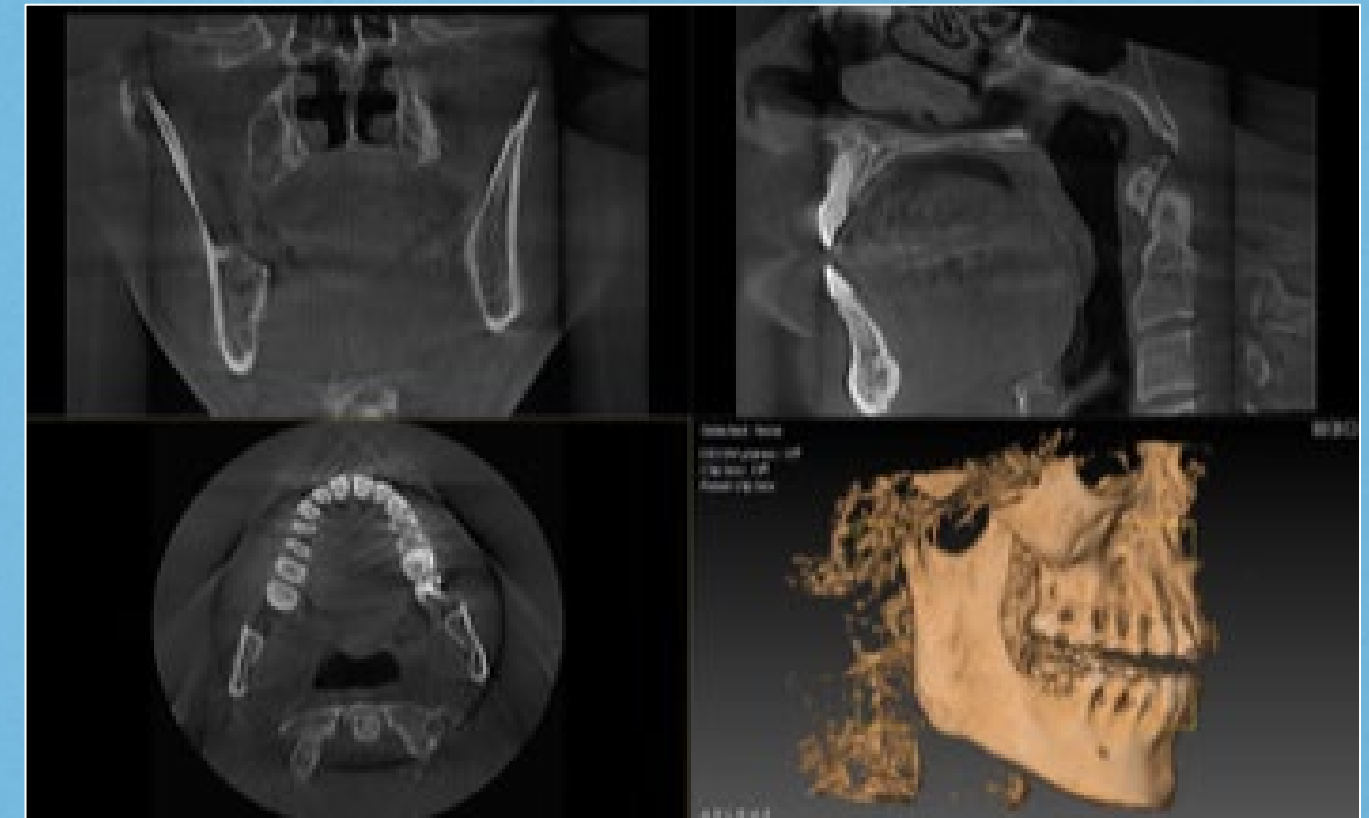
The images obtained enable precise airways measurement, essential for assessing conditions such as sleep apnoea, airway obstruction and other respiratory pathologies. The software also incorporates advanced measurement and analysis tools, enabling a comprehensive and personalised assessment for each patient.





# I-Max 3D XPRO : **news**

- New optional 16 x 11 cm FOV
- FOV: 5x5, 9x5, 9x9, 12x10 & 16x11
- Complete condyle + airways
- Goals : equivalent volume as a traditional panoramic image





# I-Max 3D XPRO : dimensions



**147,71lbs**

2D/3D



**165,34lbs**

**NEW**  
2D/3D



**271,16lbs**

2D/3D/Ceph

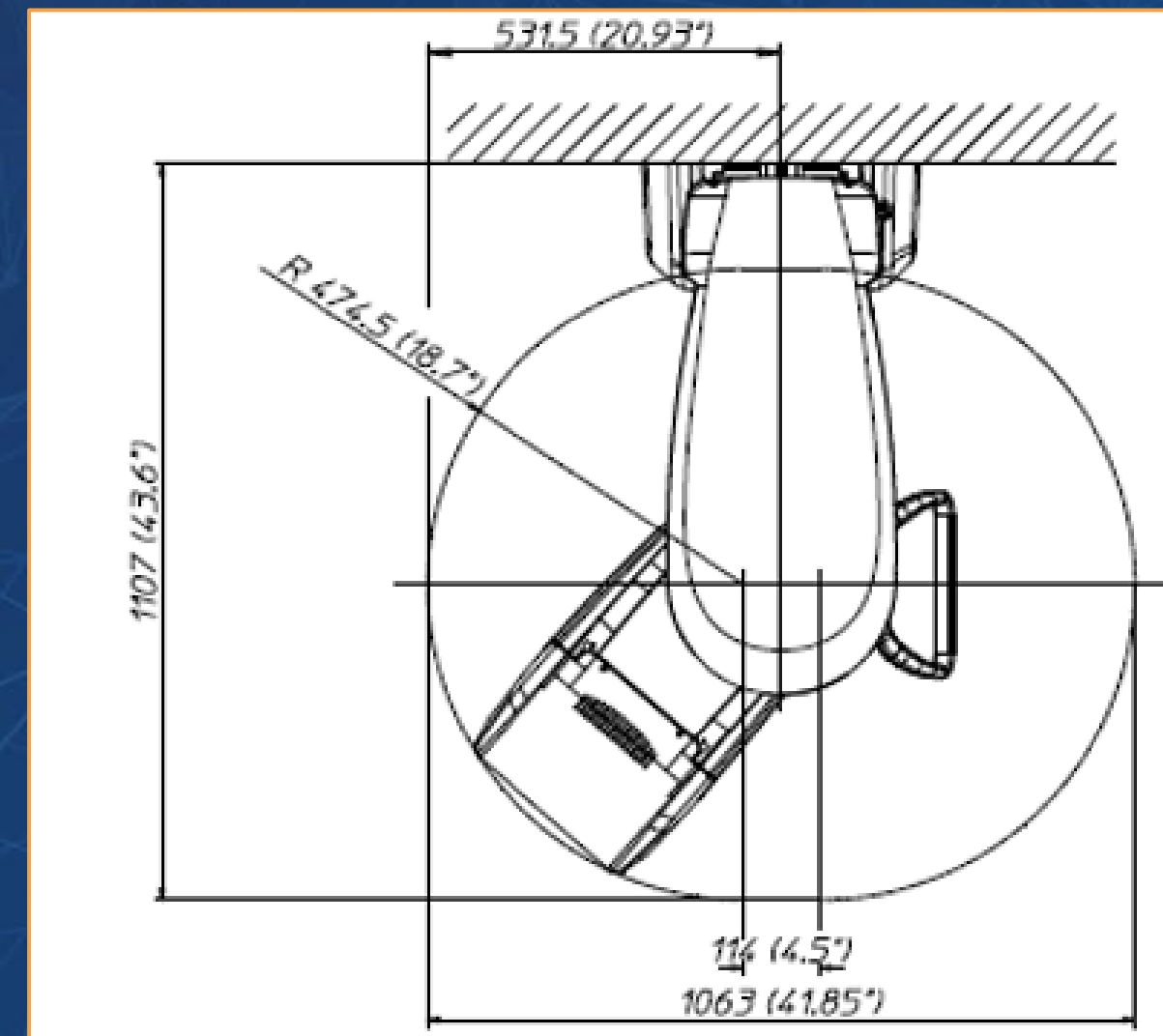
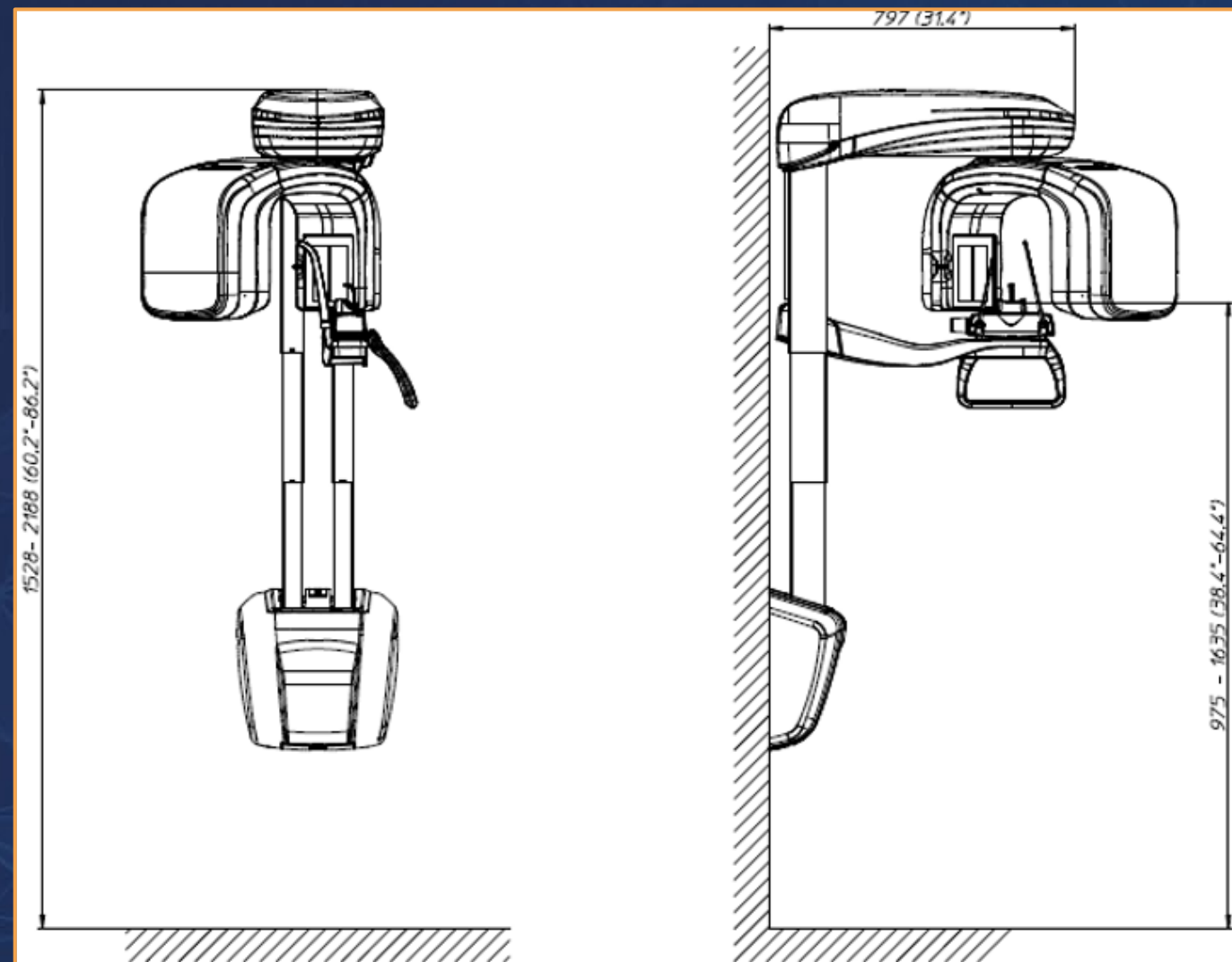


# I-Max Pro & I-Max 3D Pro dimensions

Max. overall dimensions :

43,58 x 37,51 inch, H max = 85,98 inch

That's **just** 10,76ft<sup>2</sup>!

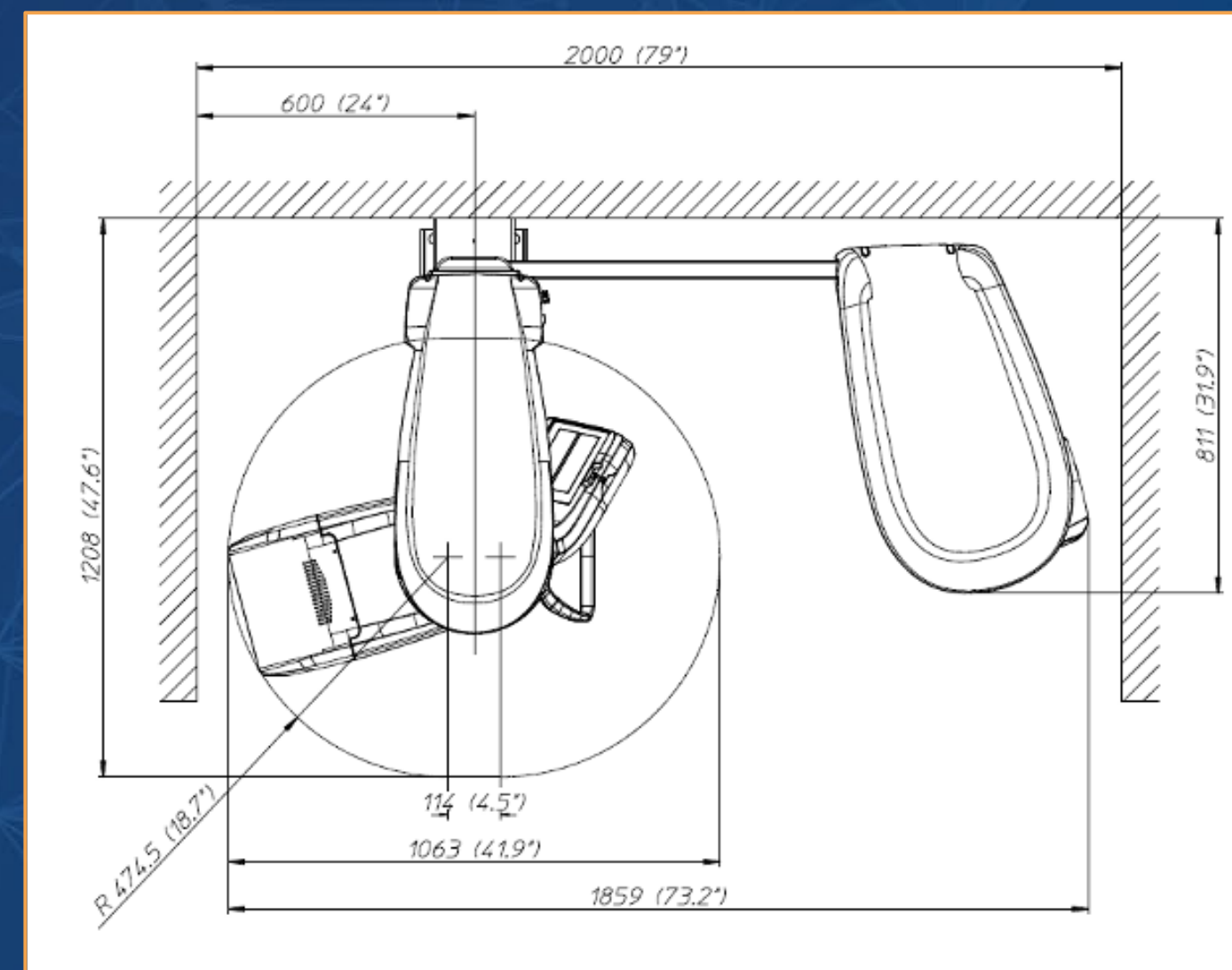
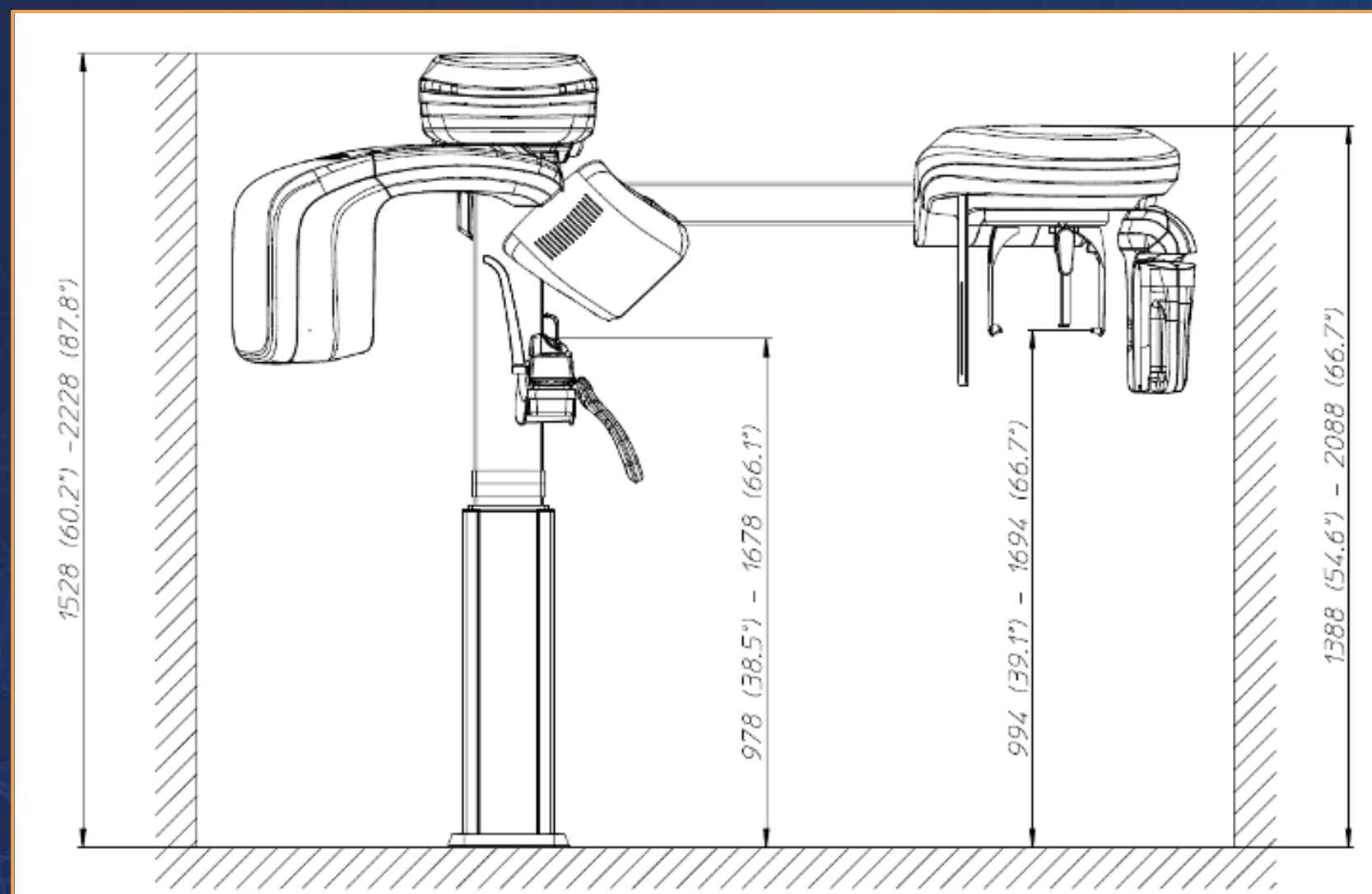




# I-Max Ceph Pro & I-Max 3D Ceph Pro dimensions

Minimal footprint:

**72,83 inch wingspan**

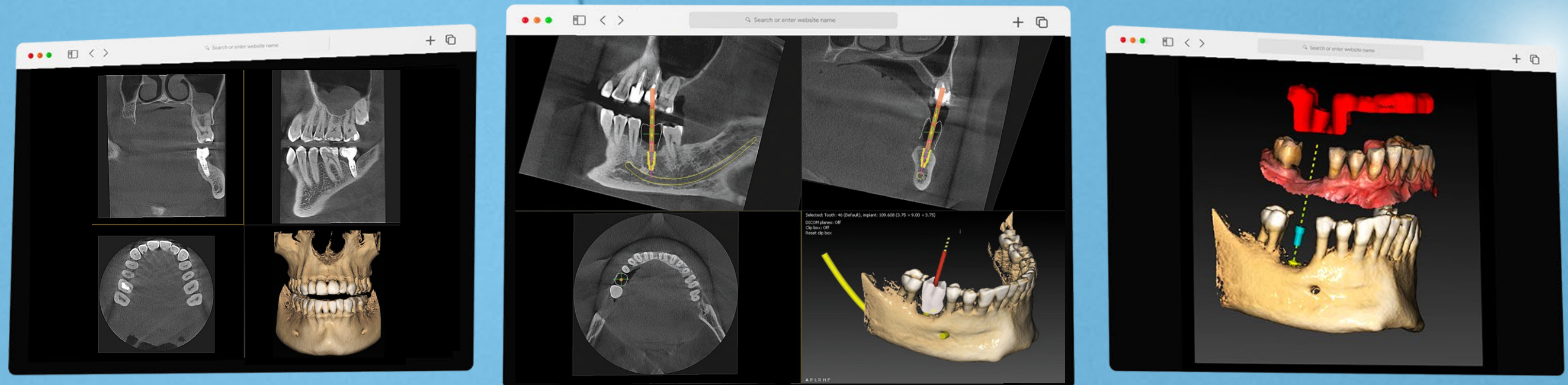




# QuickVision 3D

3D software with built-in AI

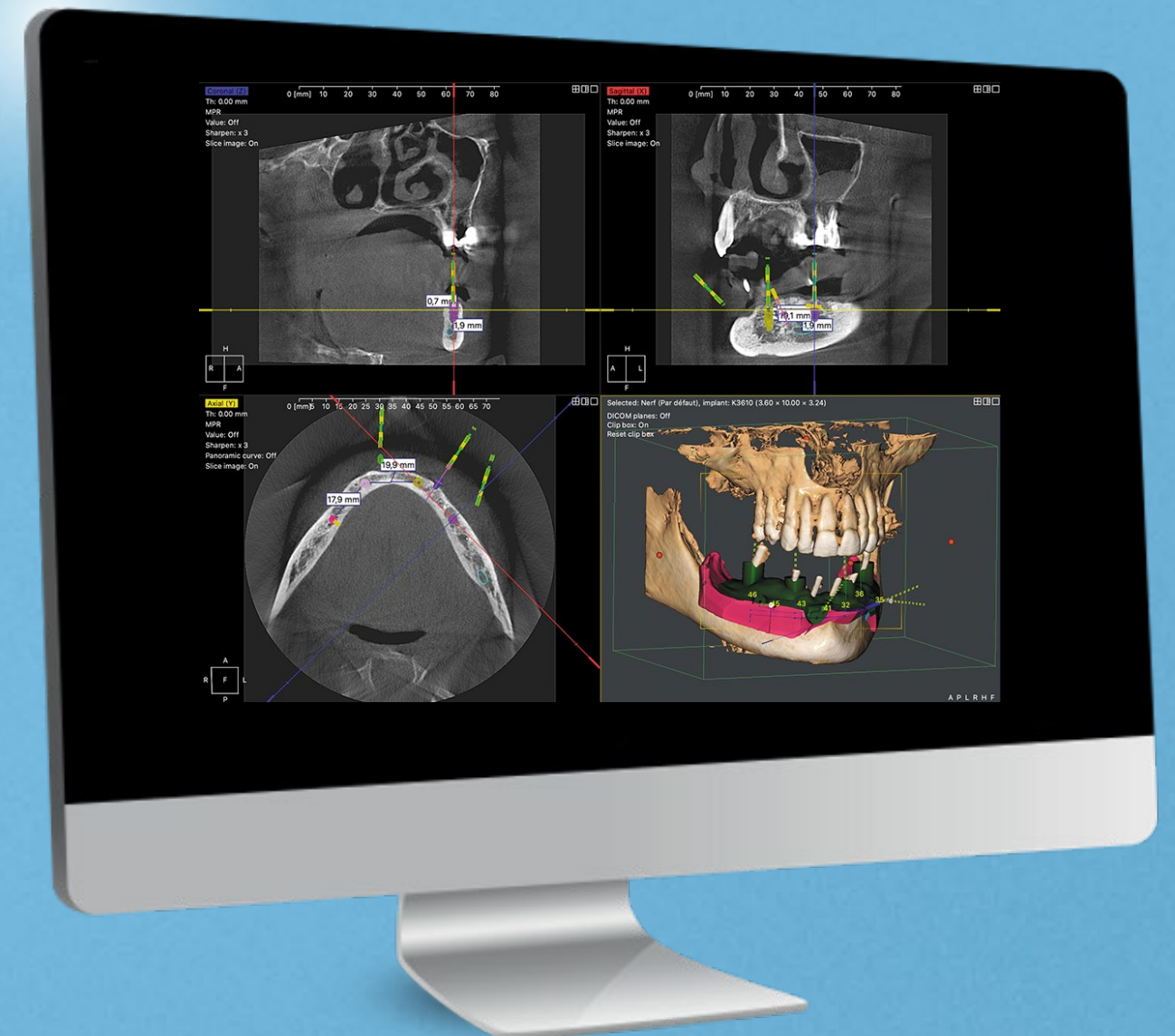
- Complete implant planning software
- Generates cross-sections and bone models from axial images
- Drawing of the mandibular canal and presentation of the 3D bone model to calculate bone density





# Your best ally for implant surgery: faster, safer and more effective.

- Matching by AI. between STL file and DICOM file
- CAD / CAM ready
- Face Scan ready
- Creation of surgical guides
- Airway studies

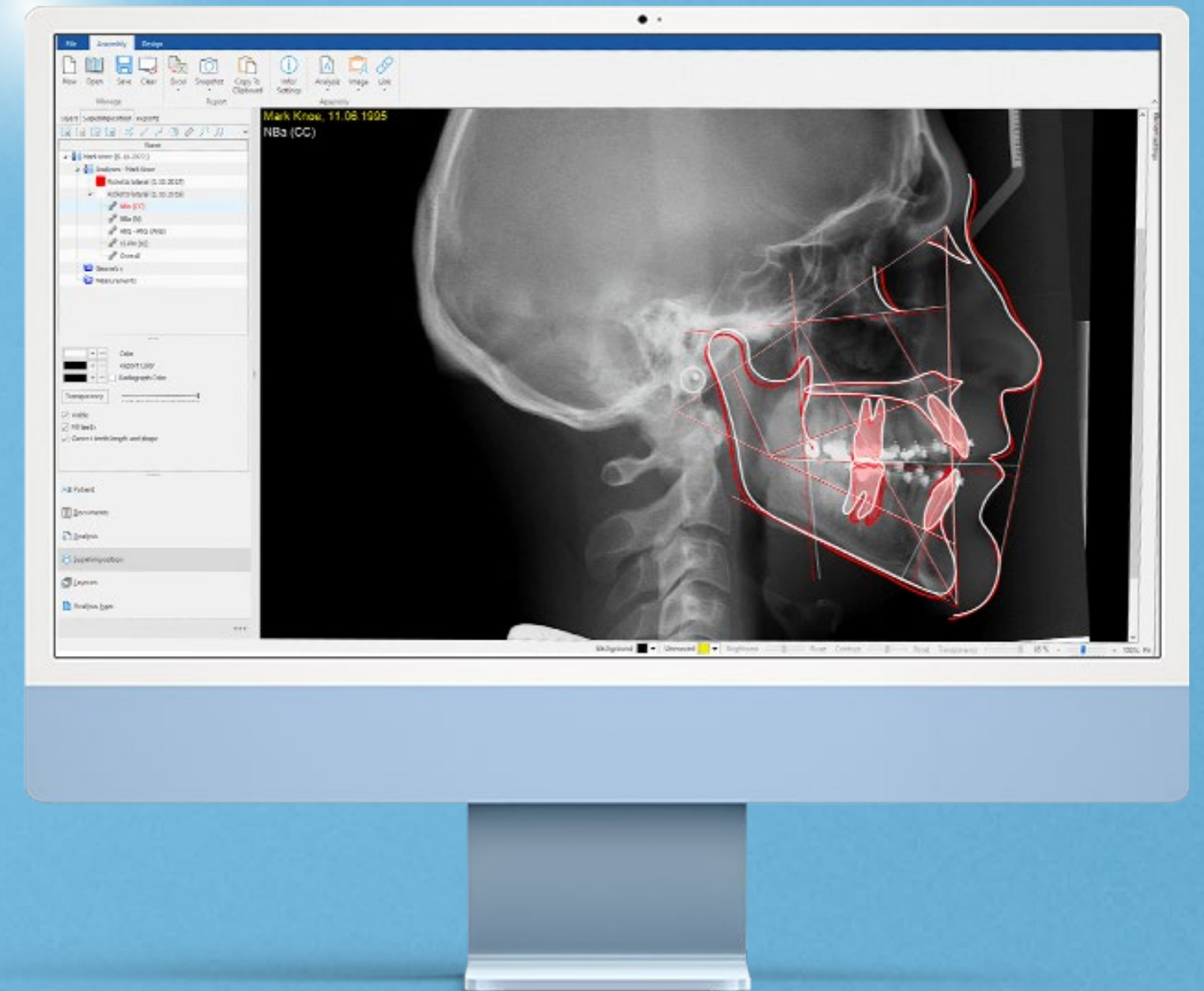




# Ceph Analysis

Orthodontic software with integrated AI

Powerful and  
revolutionary





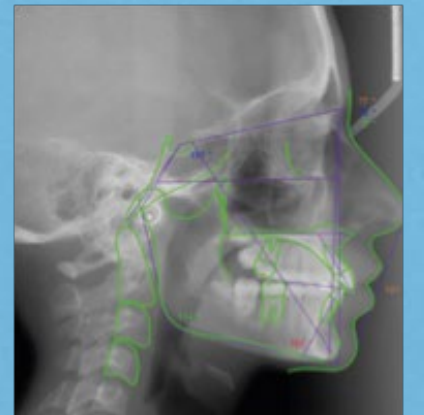
## Work automation with Ceph Analysis & artificial intelligence

Software for the study of cephalometric tracings which uses automatic tracing by A.I. (Artificial Intelligence) and provides more than 200 types of examination.

Ceph Analysis is an optional module in QuickVision.

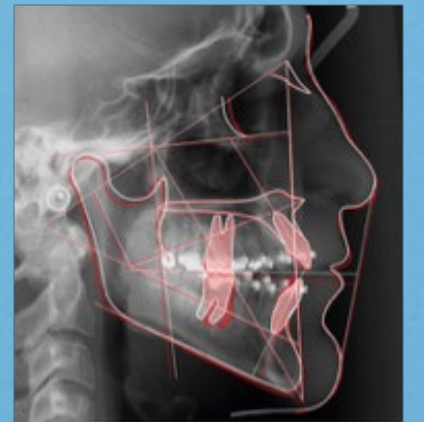
### **Automatic cephalometric tracing**

The A.I. automatically finds landmarks, planes and silhouettes of soft and hard tissues on lateral or PA radiographs in a matter of seconds.



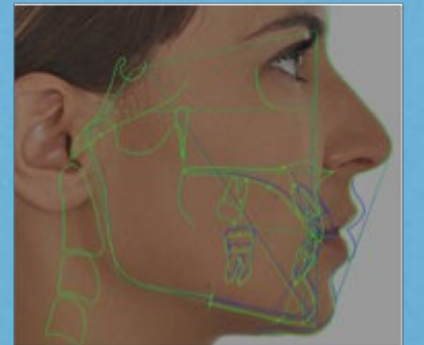
### **Image analysis and overlay**

Analyses and patient images can be superimposed automatically or manually.

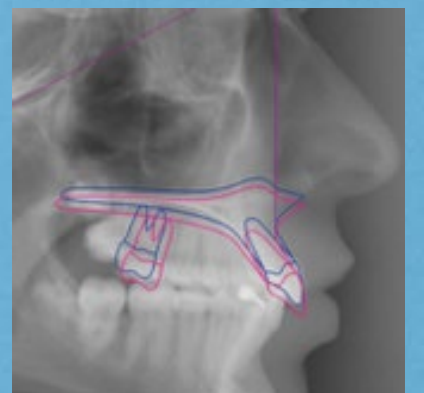


### **Treatment plan forecasts**

VTO (virtual treatment orthodontic) and STO (simulation treatment orthodontic) can be used to create treatment plans.



### **Projection of bone growth**







Owandy offers you a remote training service.

Our experts will support you on a daily basis for all your requirements, from the simplest to the most complex (guided full arch surgery).



Appointments can be made online

<https://www.owandy.com/dental-training-owandy-academy/>





	I-Max Pro	I-Max Ceph Pro	I-Max 3D XPRO		I-Max 3D Ceph XPRO
			Wall-mounted	Column	
2D panoramic	●	●	●	●	●
3D Cone Beam			●	●	●
Cephalometric		●			●
FOV			16x11*, 12x10, 9x9, 9x5, 5x5 cm		16x11*, 12x10, 9x9, 9x5, 5x5 cm
Programs	24 2D programs	24 2D programs 9 Ceph programs	20 3D programs 24 2D programs «Low Dose» Program		18 3D programs 24 2D programs 9 Ceph programs «Low Dose» Program
Mounting	Wall	Wall & Floor	Wall or Wall & Floor		Wall & Floor
Warranty	2 ans (5-year warranty option**)				
Installation options	- Floor installation base- Wall-mounted column	- Floor installation base	- Floor installation base - Wall-mounted column		- Floor installation base

\*Optional





	I-Max Pro	I-Max Ceph Pro	I-Max 3D XPRO		I-Max 3D Ceph XPRO
Category	IIb / CE0051				
Power supply	110-120 V, 220-240 V to 50/60Hz				
Anode voltage	from 60 to 70 kV	from 60 to 86 kV	from 60 to 90 kV		
Total weight	from 2 to 7,1 mA	from 2 to 12,5 mA			
Total weight	136,68 lbs	260,14 lbs	147,71 lbs (Murale)	165,34 lbs (Colonne)	271,16 lbs
Inherent filtration	2 mm Al eq. @ 70kVp	± 2,5 mm Al. eq@ 86kVp			
HF generator	Constant potential (DC)				
X-Ray focal spot	0,5 mm EN 60336				
Connection	LAN, Ethernet				
Voxel	N/A		70µm (min. cross-section depth)		



## A complete range of 2D, 3D and Cephalometric panoramic



I-Max PRO  
(Wall-mounted)



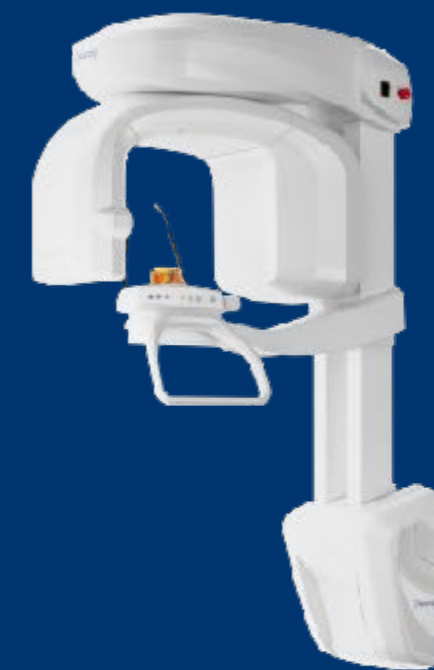
I-Max Ceph PRO  
(column)



I-Max 3D XPRO  
(column)



I-Max 3D Ceph XPRO  
(column)



I-Max 3D XPRO  
(Wall-mounted)





2 rue des Vieilles Vignes - 77183 Croissy-Beaugourg, France  
Tel : +33 (0)1 64 11 18 18  
[www.owandy.com](http://www.owandy.com)