



# ***i-max 3D*** **XPRO**

**MAKING LIFE EASIER**

**NEXT PANORAMIC UNIT GENERATION  
2D, 3D, CEPH VERSION**



20 YEARS OF INNOVATION

Owandy  
RADIOLOGY

and **optimisation of manufacturing process**  
with a highly specific goal:  
**respect for  
the environment**



#### MANUFACTURING

With product weight reduced  
from **463 lbs to 137 lbs**, fewer  
material resources are needed  
for Owandy's machines.



#### TRANSPORT

A lighter product  
**significantly lowers**  
CO<sup>2</sup> emissions.



#### RECYCLING

Less waste to be recycled  
at the end-of-life stage.

### MODERN TECHNOLOGY CAN BE COMPATIBLE WITH RESPECT FOR THE ENVIRONMENT

Because material resources are not infinite, Owandy Radiology has spent the last 20 years **innovating and optimising** its products in order to **reduce the quantity of materials required to produce them**.

### LIFE CYCLE OPTIMISATION

As part of its **sustainable development** strategy, Owandy Radiology has **considerably reduced the carbon footprint of its products**.





# UNPARALLELED IMAGE QUALITY



## Super IGZO Technology

New generation of smart on-board sensor.

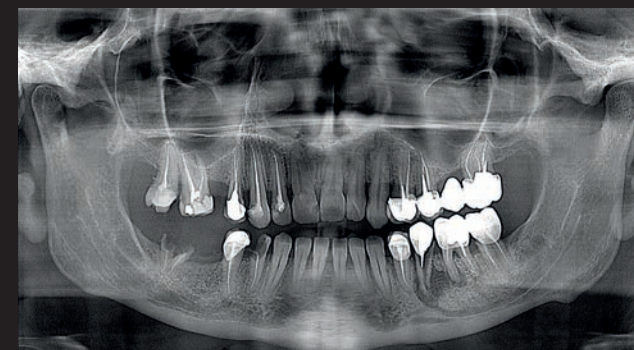
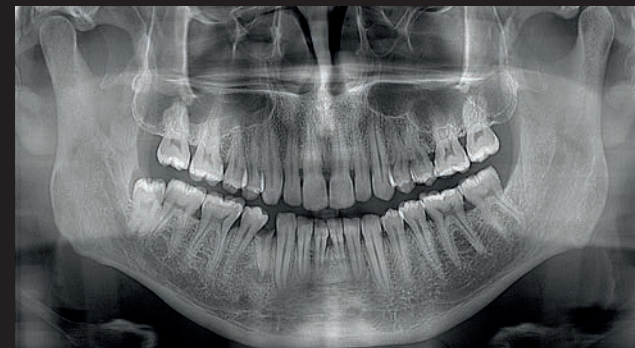
Many new technologies included:

- **TRUEVIEW ART** (automatic image sharpness reconstruction)
- **FOCUS** scintillator (ultra-low noise image creation)
- **DEPAI** (AI denoising processing)



## LATEST SENSOR GENERATION WITH CMOS & SUPER IGZO TECHNOLOGY

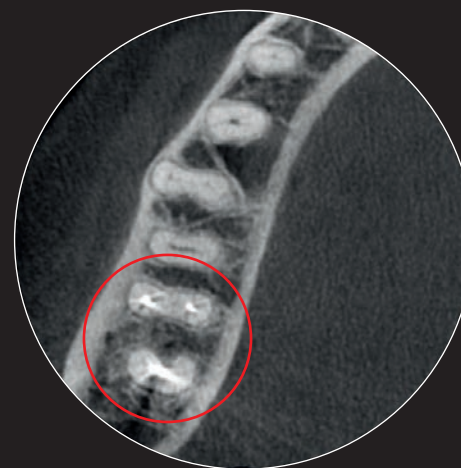
Exceptional image quality while reducing X-Ray doses to protect your patients.



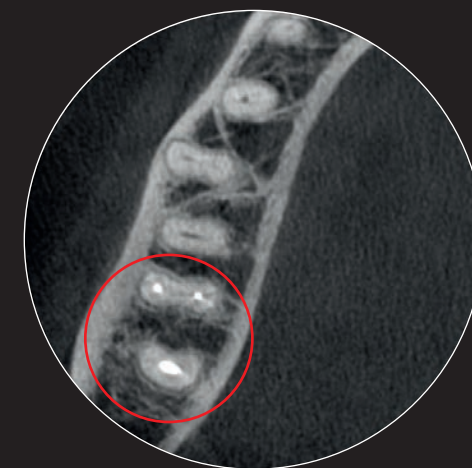
## AutoMAR BY OWANDY (Automatic Metal Artefact Reduction)

Reduced artefact radiation thanks to our new algorithm.

Without AutoMar



With AutoMAR





# COMPREHENSIVE RANGE 2D, 3D, CEPH VERSIONS

## ULTRA-COMPACT DESIGN

The I-Max Pro range has been designed to be installed in any type of surgery configuration quickly and efficiently.

## “FACE TO FACE” POSITIONING

Being in front of the patient creates optimum conditions for correct positioning.

## BEST RATIO PERFORMANCE INVESTMENT

A range designed to deliver total satisfaction.

## SCALABLE

Upgrade to a superior version depending on your requirements.

## SOFTWARE COMPATIBILITY

I-Max PRO range is compatible with all major practice management software.

I-MAX PRO



I-MAX 3D XPRO



I-MAX CEPH PRO



I-MAX 3D CEPH XPRO



**i-max** PRO

- Latest generation CMOS sensor
- Compact design (<11sqft)
- Wall-mounted concept, Ø floor footprint
- “Face to face” positioning
- 24 2D programs

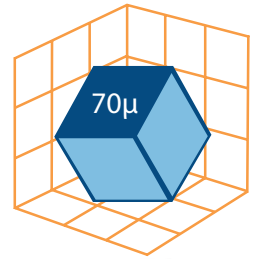
**I-MAX PRO PANORAMIC**





# i-max 3D XPRO

- High definition images: 70µm
- Compact design (<11sqft)
- Wall-mounted concept, Ø floor footprint
- “Face to face” positioning
- 20 3D programs
- FOV from 16x11 to 5x5 cm



## I-MAX 3D XPRO CONE BEAM



### MULTI-FOV 3D CONE BEAM (Field of View)



16 x 11 cm  
Full dentition,  
TMJ, sinus, airways  
(optional)



12 x 10 cm  
Full dentition  
with condyles



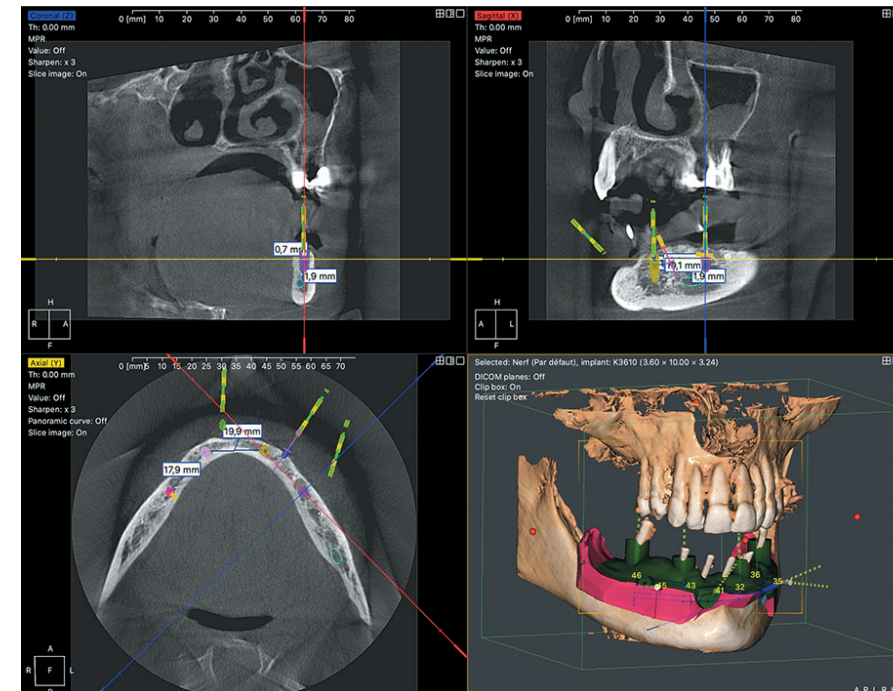
9 x 9 cm  
Full dentition



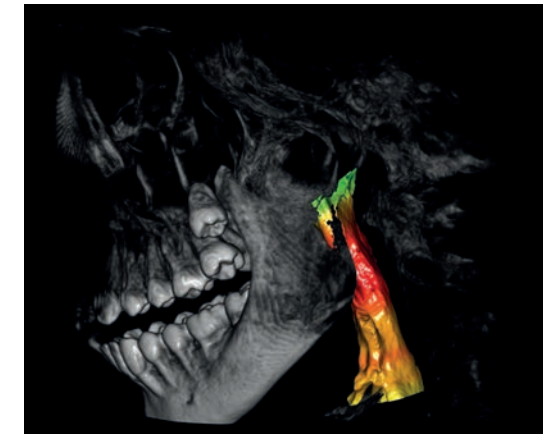
9 x 5 cm  
Full arch



5 x 5 cm  
Localized volume

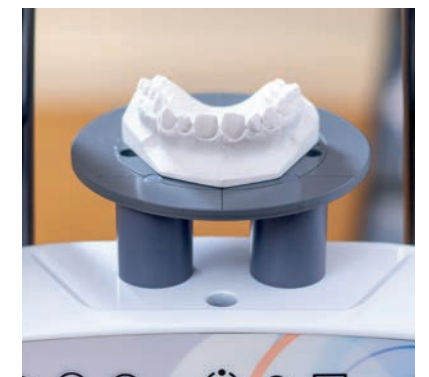


### SUPER IGZO TECHNOLOGY IS A NEW SMART ON-BOARD SENSOR GENERATION.



### MULTIPURPOSE EQUIPMENT: 4 IN 1

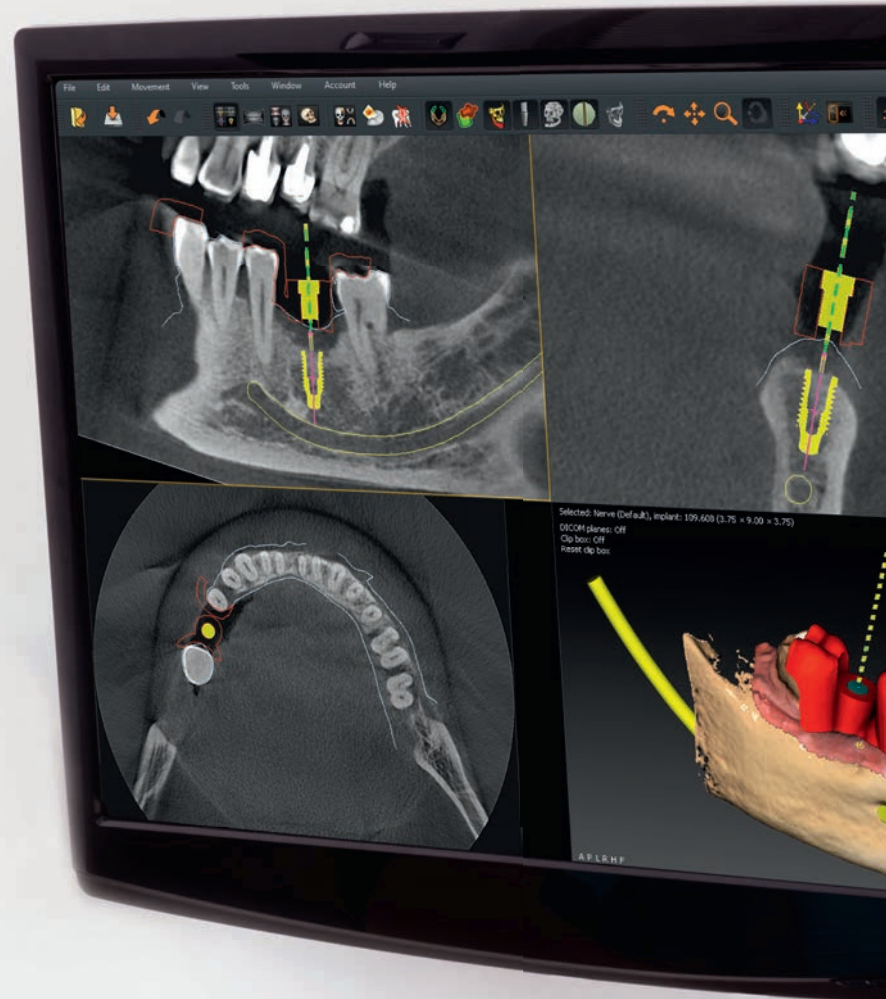
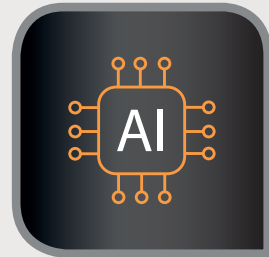
Panoramic, 3D and cephalometric  
images and 3D object scanner  
(impression trays, plaster models).





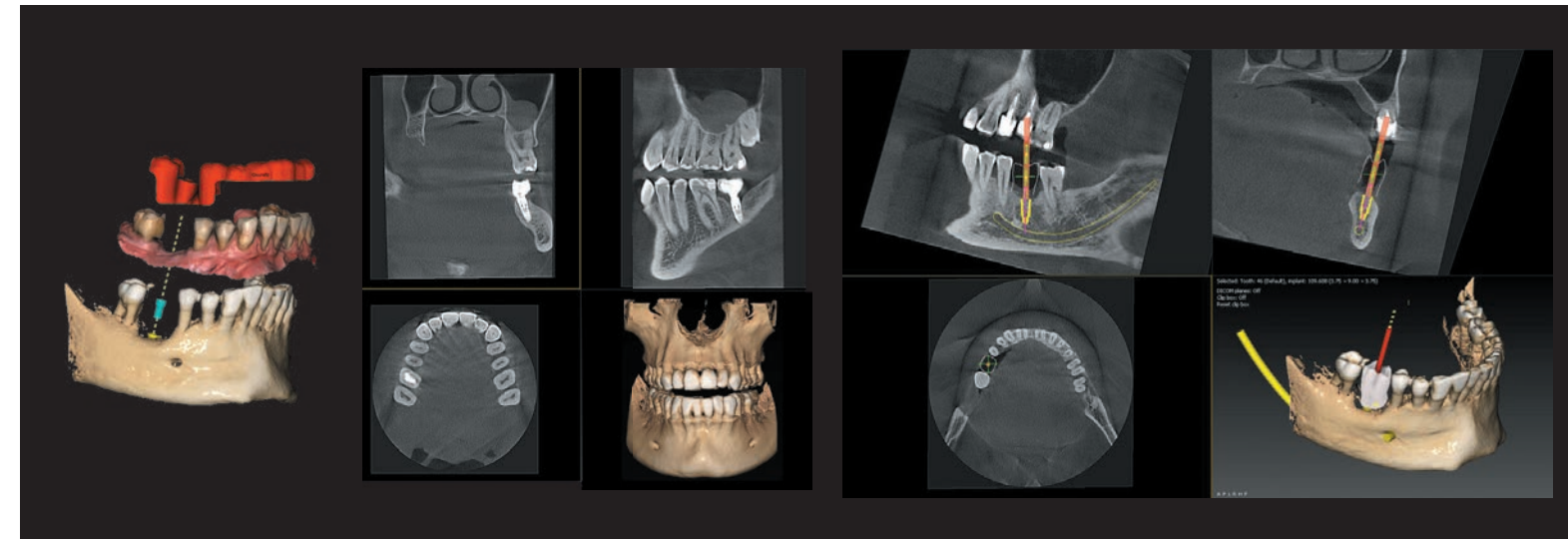
# QUICKVISION 3D SOFTWARE

- Create surgical guides
- AI\* automatic matching of .DICOM and .STL files
- CAD/CAM-ready (.STL file sharing)
- Management of entire digital workflow



## GUIDED SURGERY: ACCURACY AND SAFETY

**QuickVision 3D** is a comprehensive and powerful software package that can be used to simulate implant placement on 2D and 3D models. **Import .STL files** from your laboratory or your dental impression camera.



### CUSTOMISED TRAINING

Owandy also offers a remote training service. Our experts are on hand to help, providing support for any request, from the most basic to the most complex (full arch guided surgery).





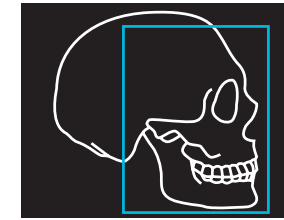
# i-max 3D CEPH XPRO

- Ultra-compact unit: 73 inch wide
- “Face to face” positioning
- Low dose
- 9 CEPH programs
- 200 types of exams with Ceph Analysis

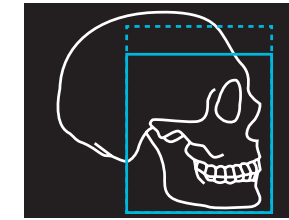


## I-MAX 3D CEPH XPRO

Lateral view  
18 x 24 cm



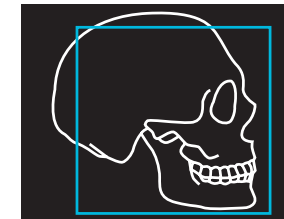
Lateral view 18 x 18 cm  
(reduced dose)



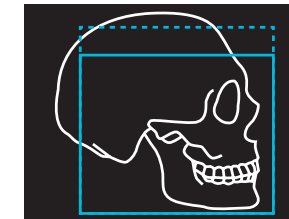
Frontal view  
24 x 24 cm



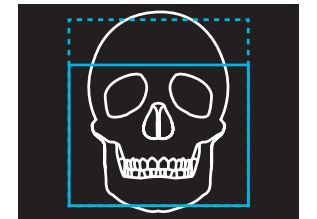
Lateral view  
24 x 24 cm



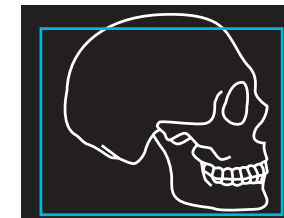
Lateral view 24 x 18 cm  
(reduced dose)



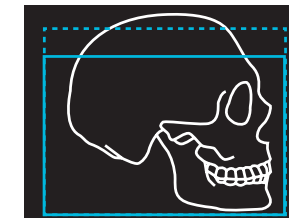
Frontal view 24 x 18 cm  
(reduced dose)



Full skull lateral view  
30 x 24 cm



Full skull lateral view  
30 x 18 cm (reduced dose)



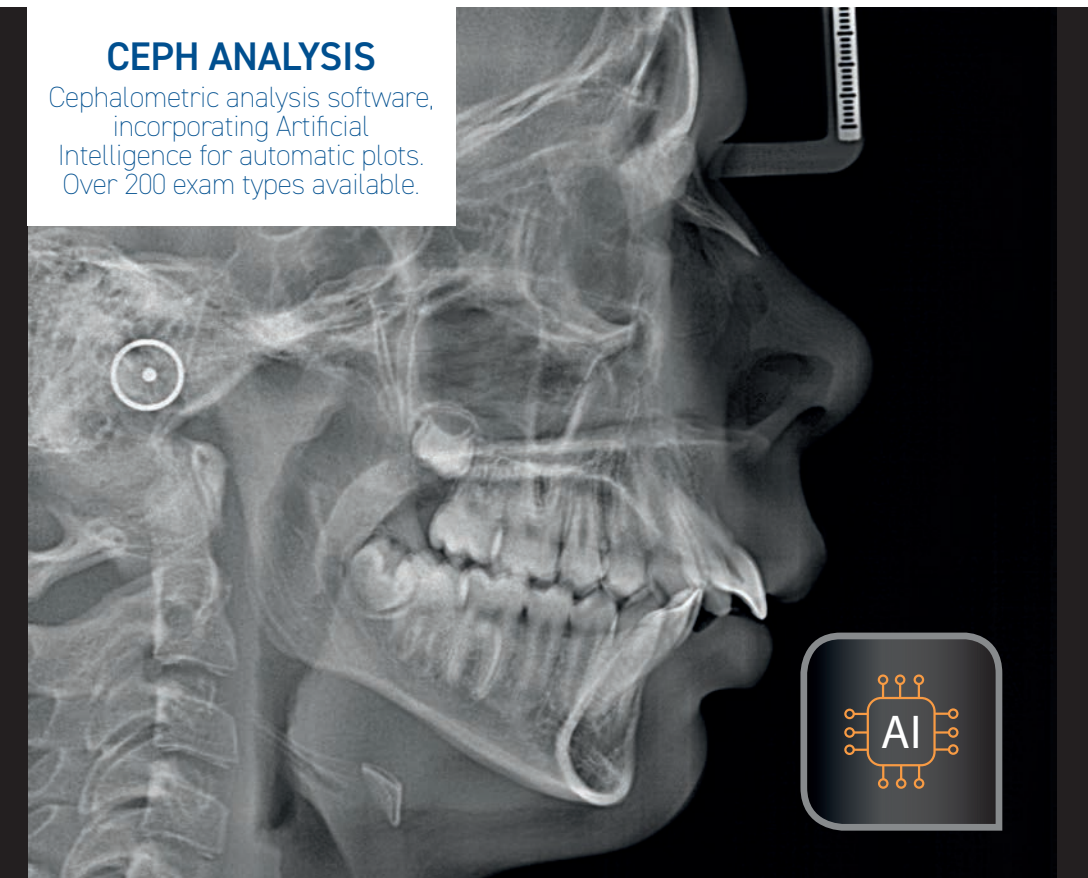
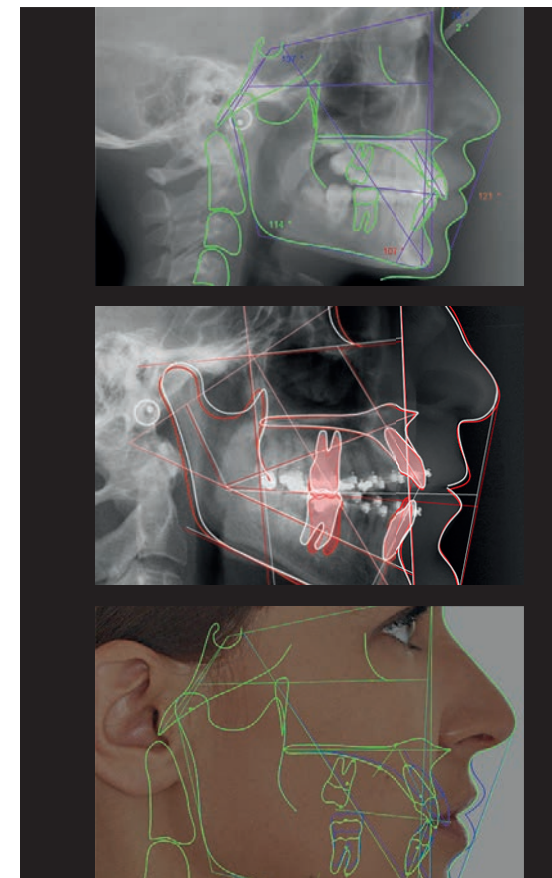
Carpus  
18 x 24 cm



\*Optional

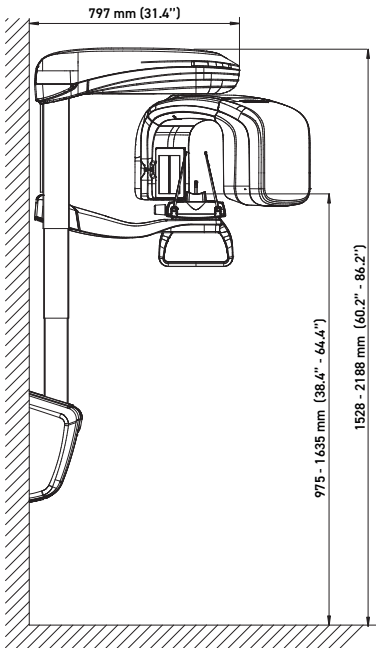
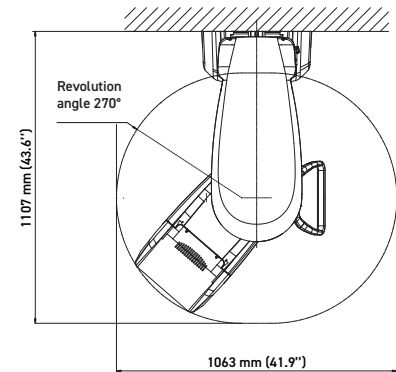
### CEPH ANALYSIS

Cephalometric analysis software, incorporating Artificial Intelligence for automatic plots. Over 200 exam types available.

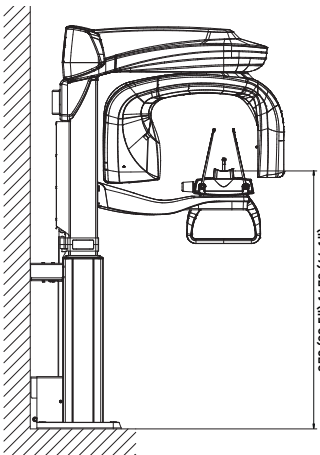
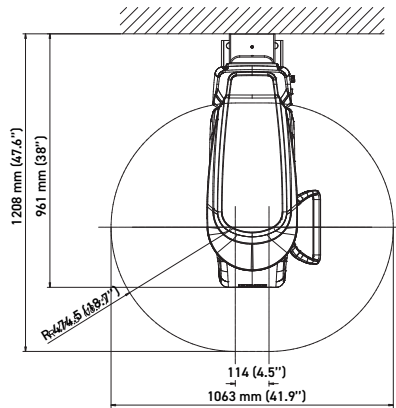


# TECHNICAL FEATURES

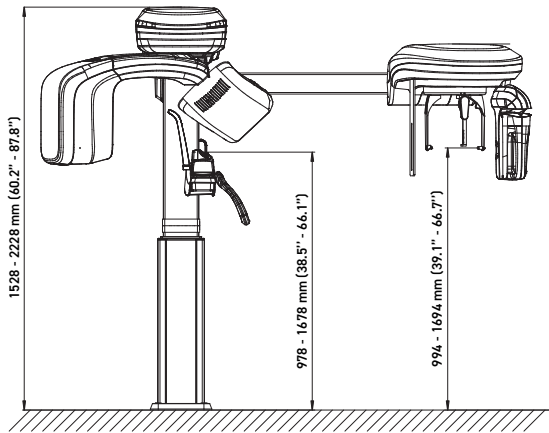
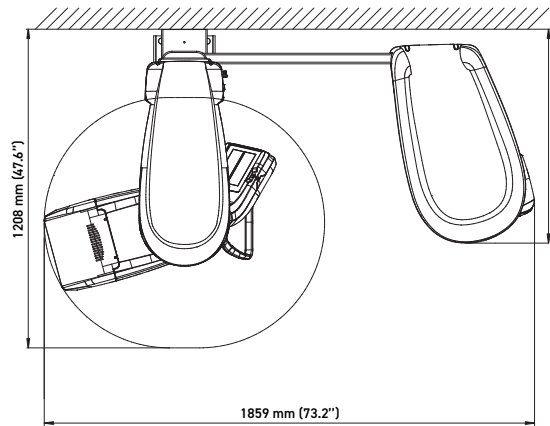
I-MAX PRO (Wall mounted)  
I-MAX 3D XPRO (Wall mounted)



I-MAX 3D XPRO (Column)



I-MAX CEPH PRO (Column)  
I-MAX 3D CEPH XPRO (Column)



|                      | I-Max PRO<br>(2D)                    | I-Max Ceph PRO<br>(2D)            | I-Max 3D XPRO  |              | I-Max 3D Ceph XPRO  |
|----------------------|--------------------------------------|-----------------------------------|--|--------------|---|
|                      |                                      |                                   | Wall mounted   | Column       |   |
| 2D panoramic         | ■                                    | ■                                 | ■  | ■            | ■   |
| 3D Cone Beam         |                                      |                                   | ■  | ■            | ■   |
| Cephalometry         |                                      | ■                                 |  |              | ■   |
| FOV                  |                                      |                                   | 16x11* / 12x10 / 9x9 / 9x5 / 5x5 cm                  |              |   |
| Programs             | 24 2D programs                       | 24 2D programs<br>9 Ceph programs | 20 3D programs<br>24 2D programs<br>Low Dose program |              | 20 3D programs<br>24 2D programs<br>9 Ceph programs<br>Low Dose program |
| Mounting             | Wall                                 | Floor + wall                      | Wall   | Floor + wall | Floor + wall  |
| Guarantee            | 2 years (optional 5 year** warranty) |                                   |  |              |   |
| Installation options | • Floor base plate<br>• Wall column  | • Floor base plate                | • Floor base plate<br>• Wall column                  |              | • Floor base plate  |

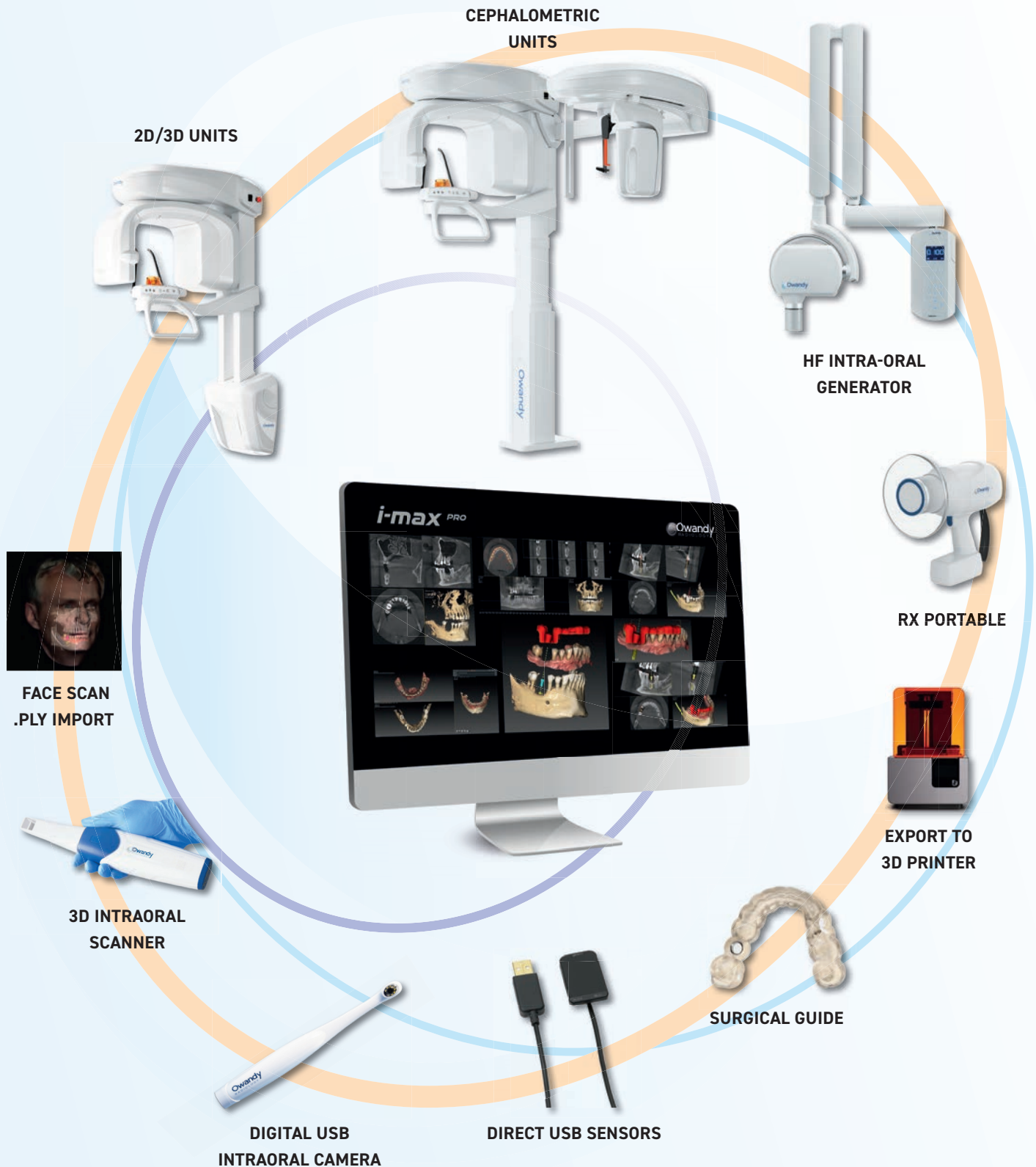
|                     | I-Max PRO<br>(2D)               | I-Max Ceph PRO<br>(2D) | I-Max 3D XPRO                   |                     | I-Max 3D Ceph XPRO |
|---------------------|---------------------------------|------------------------|---------------------------------|---------------------|--------------------|
| 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                |                     |                    |
| Anode current       | from 2 to 7,1 mA                | from 2 to 12,5 mA      |                                 |                     |                    |
| Total weight        | 137 lbs                         | 260 lbs                | 148 lbs<br>(wall mounted)       | 165 lbs<br>(column) | 271 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) |                     |                    |

\*Optional  
\*\*Warranty valid for sensor and generator



# DIGITAL WORKFLOW OWANDY RADIOLOGY

A COMPREHENSIVE RANGE TO MEET ALL YOUR REQUIREMENTS



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