



**I-max**

2D AND 3D/2D WALL-MOUNTED PANORAMIC UNITS

KEEP YOUR CLINIC ONE STEP AHEAD!



Wall-mounted concept: zero foot print



136 lbs - the lightest unit on the market



"Face to face" positioning



High Definition



The fruit of unrivalled technological and industrial expertise, the latest generation of I-Max panoramic systems (2D or 3D/2D) is here to usher you into a new era.

### **Futuristic design coupled with ergonomics**

Its sleek, sophisticated and lightweight design makes the I-Max an attractive and valuable asset for your clinic. With the 2D version weighing just 136 lbs, the I-Max is the lightest panoramic unit on the market. As with your intraoral generator, it is wall-mounted and connects to your network without the need for a dedicated PC.

### **Exceptional image quality**

It's more than just an innovative design. With the I-Max you can carry out all the examinations you need for your patients, and enjoy ultra-high definition images in every X-Ray. You'll be able to view all clinical and anatomical details with maximum precision and your diagnostics will be conducted in complete safety.





### **Patient positioning made easy**

Poor patient positioning is the reason behind the majority of failed images. As well as lasers and temple clamps, the unit places patients face-on, ensuring the perfect positioning. Patients with reduced mobility will also find the system easier to use and move around, as it takes up no floor space.



## INNOVATIVE TECHNOLOGY



**Intuitive interface**



**Software compatibility**



**The best Performance/Investment ratio**

### **Powers of innovation**

The unit directly selects the best sections in order to display a perfect image, without any form of operator involvement.

Another of the I-Max's unique features is its intuitive and user-friendly HMI (Human-Machine Interface), whereby its imaging tools and enhancing filters are automatically integrated into the control software. Even more appealing is I-Max's compatibility with every kind of management software on the market.



Child's panoramic examination



### **Easy to install and use**

This ultra-compact and lightweight system comes in one easy-to-handle package. Featuring an exclusive “Easy to Install” system, the I-MAX panoramic unit is delivered to your clinic fully assembled, requiring just one technician to install it in situ.

An installation video is provided on our website and on our YouTube channel, Owandy Radiology. Brimming with technological developments, all of its electronic components have been fully optimised. The I-Max minimises the risk of system failures and facilitates maintenance work.

### **A controlled, balanced budget**

The result of optimised manufacturing processes, the new I-Max clearly offers the best Performance/Investment ratio, with lower purchase, delivery and installation costs and easier maintenance. We haven’t compromised on image quality, however, which guarantees ultra-high definition results.

So now you can offer your patients a comprehensive range of services, regardless of how big or small your clinic is!



Also available with mounting column

## 2D PANORAMIC UNIT – THE ULTIMATE IN ADAPTABILITY

3D/2D

2D → 3D/2D mode

2D  
x24

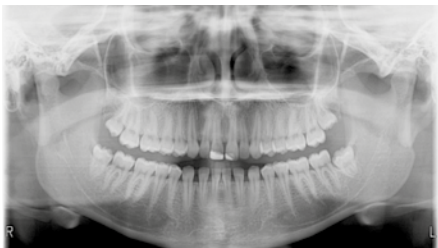
24 2D programs



Control over your budget



Intuitive interface



Adult panoramic examination

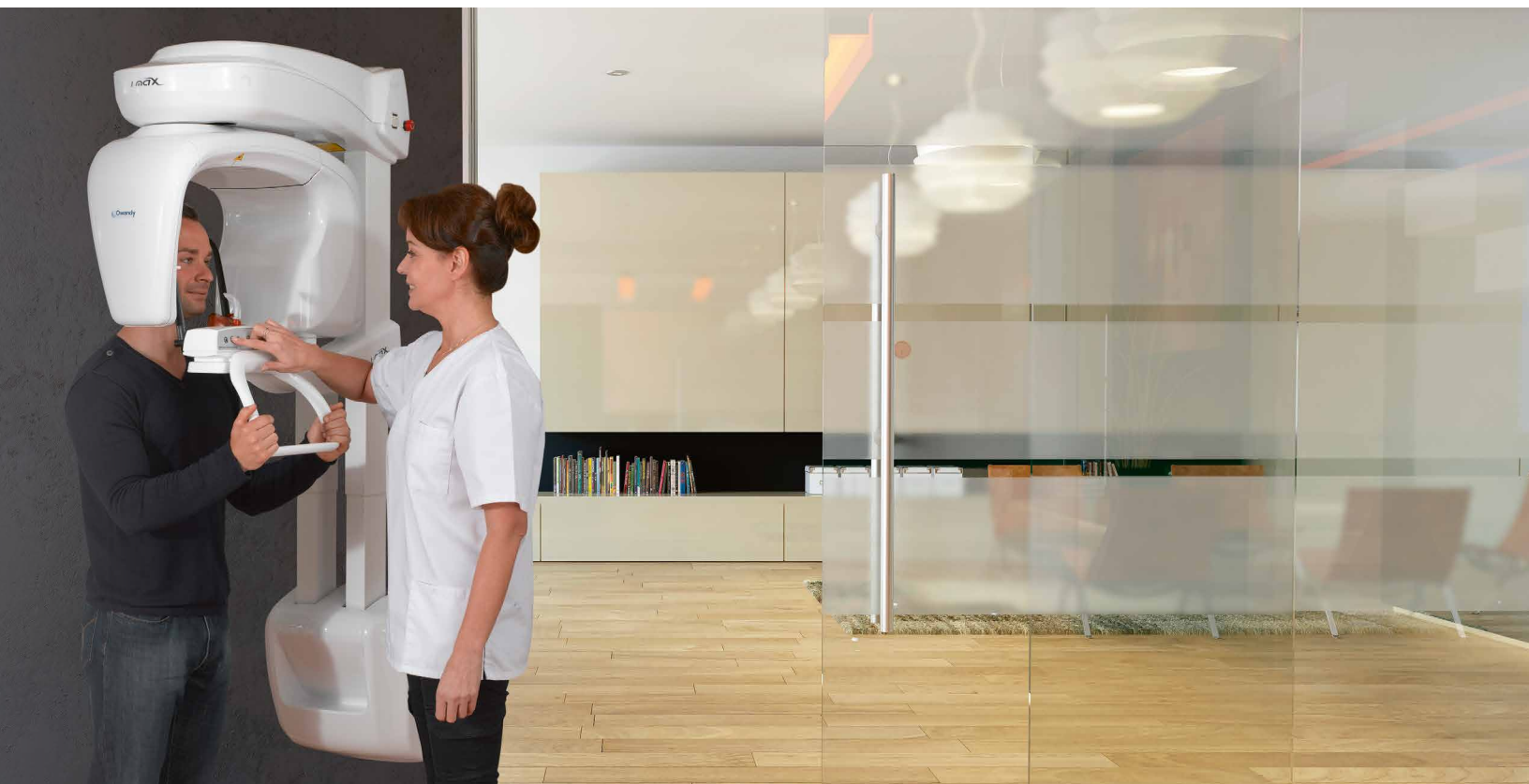


Low dose panoramic examination

### 2D programs to suit all your dentistry needs

The I-Max is designed to conduct the full range of examinations your practice demands:

- Standard panoramic
- Low dose Panoramic
- Half Panoramic Left/right
- Frontal dentition Panoramic
- Improve dentition Panoramic
- Bilateral Bitewing
- Bitewing Left/right
- Sinus Standard
- Standard/single TMJ



## Need to change?

The I-Max panoramic unit adapts to suit your particular requirements at any time. It can be upgraded easily from the standard 2D version to a 2D/3D Cone Beam mode – whenever you want!

## Maximum technology in a minimum of space

Because this highly compact I-Max panoramic unit weighs just 136 lbs and boasts a "zero foot-print" concept, it's easy to walk around freely. It offers the best Performance/Investment ratio, so why not treat your clinic to this state-of-the-art panoramic unit and still know that your budget's under control?

## Easy to use

The intuitive interface makes the I-Max panoramic unit and its operation extremely easy to master.

You can find all our demo videos on our website and on our YouTube channel, Owandy Radiology.



Intuitive interface and user-friendly



Choice of image processing



NOW EVERYONE CAN DO 3D IMAGING!



Multi-FOV from 12x10 to 5x5 cm



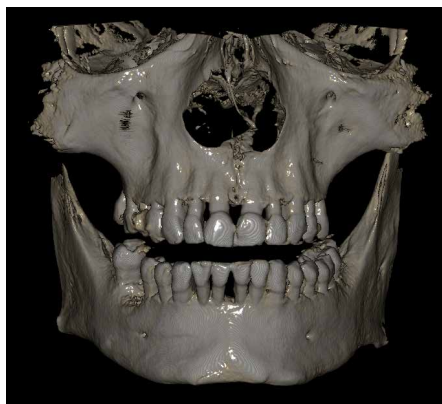
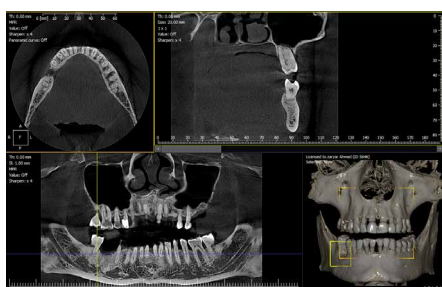
3D Cone Beam



High Definition



16 3D programs



12x10cm adult 3D exam

Often considered too bulky and extravagant in the past, 3D imaging is today no longer reserved for an elite few. The 3D/2D I-Max has popularised this technology, making it a realistic option for everyone. You, too, can make the leap to the 3D era!

### High resolution multi-FOV 3D Cone Beam imaging

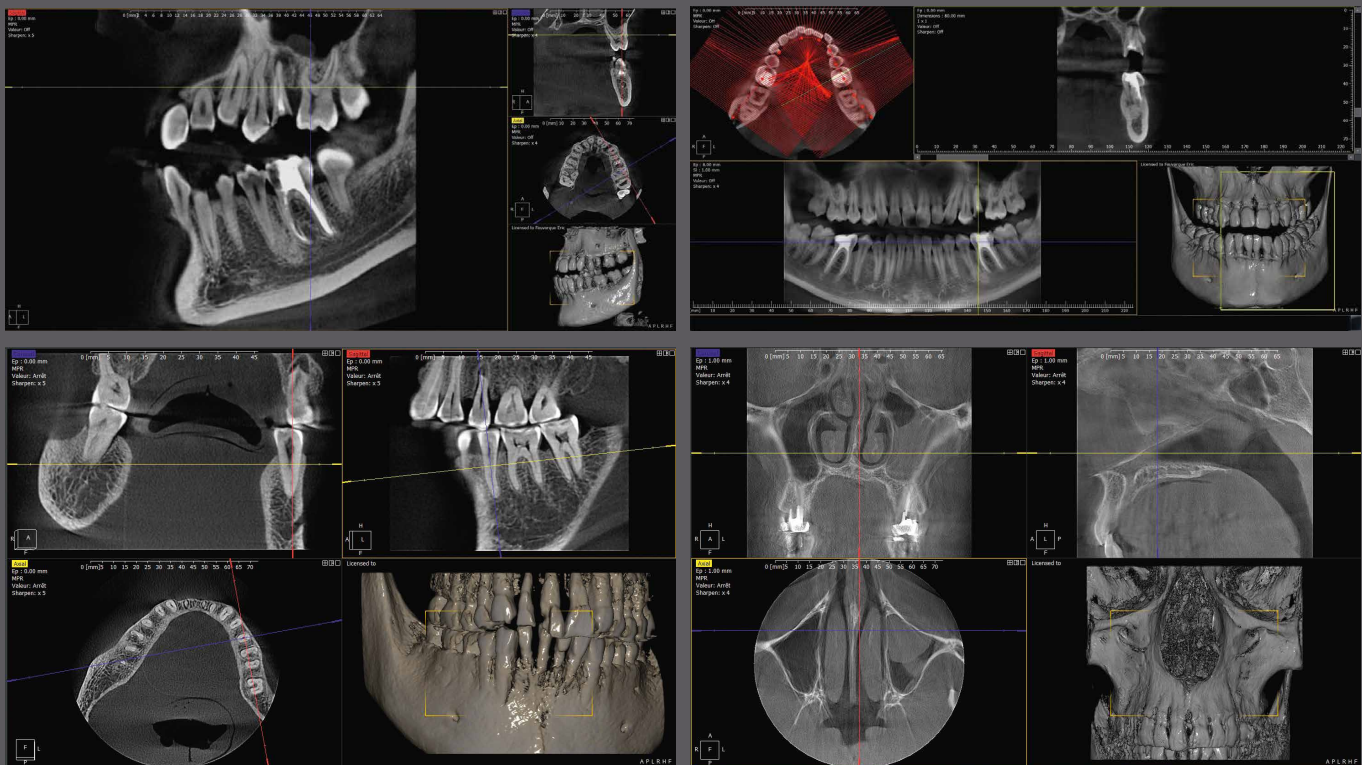
The I-Max 3D allows you to conduct examinations with various volumes, depending on your practice needs:

- ideal for implantology: 12x10cm for a full mouth and condyle, 9x9cm for a full mouth, 9x5 cm for a full arch,
- also suitable for endodontics, with its small 5x5cm volume.

All options boast an excellent resolution quality of up to 87µm.

What's more, its ultra-sensitive sensor coupled with an extremely short exposure time helps to considerably reduce X-Ray dose emissions.

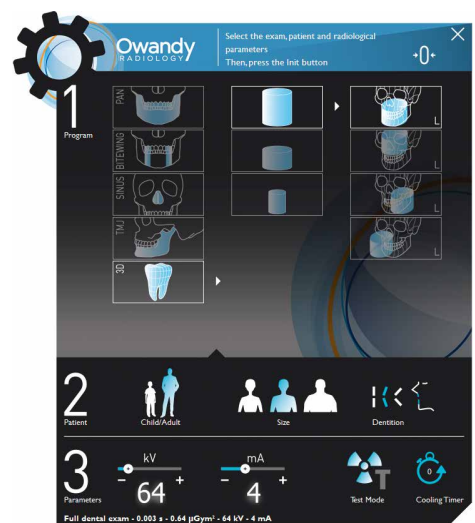




## A multitude of 3D programs at your fingertips

The I-Max 3D enables you to probe deeper for more accurate diagnostics:

- Complete dental volume (with or without condyle)
- Left / right TMJ
- Sinus
- Maxillary volume / Mandibular volume
- Frontal maxillary teeth
- Left / right premolar maxillary teeth
- Left / right molar maxillary teeth
- Frontal mandibular teeth
- Left / right premolar mandibular teeth
- Left / right molar mandibular teeth



16 3D programs

## 3D CONE BEAM - AND MUCH MORE BESIDES!



CAD/CAM Ready



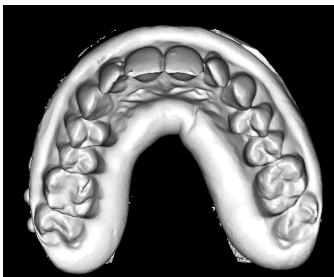
Surgical guides



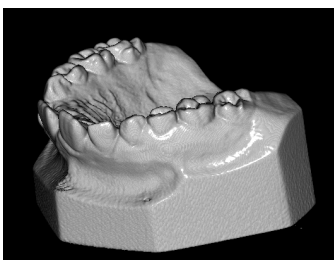
3D digital models



Software compatibility



Impression tray model scan



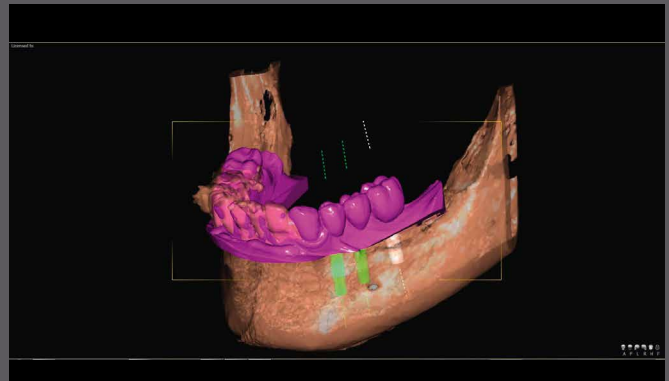
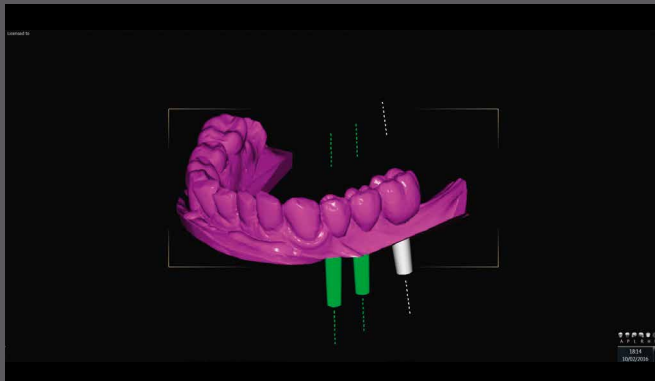
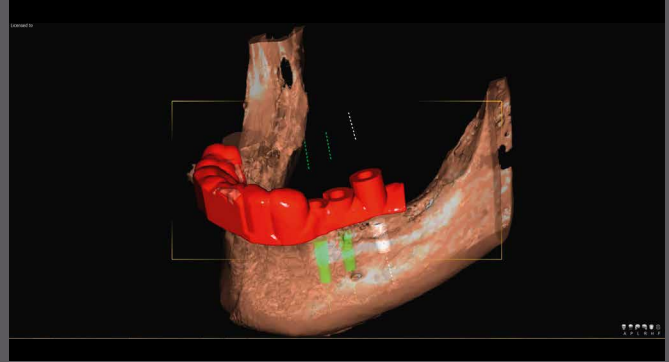
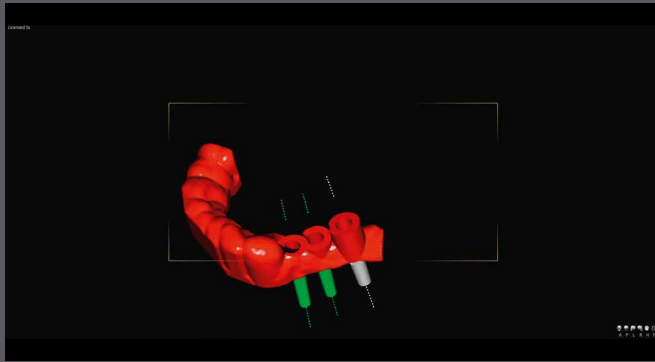
Plaster model scan

### Scan of impression trays, plaster models and radiological guides

The I-Max 3D has been designed with a wide range of ingenious programs to help you get the most out of your day-to-day practice. You can scan 3D models to help you set up a treatment protocol for your patients and make surgical procedures easier. You can also export them in STL format, for use with external modelling software.

### Face Scan Ready\*

Thanks to Face Scan, the communication with your patients is facilitated. You can import .PLY or .OBJ files into your 3D software and associate the corresponding 3D volume. In addition to increasing confidence in your expertise and know-how, your patient will project himself more easily, to accept the suggested treatment plan.

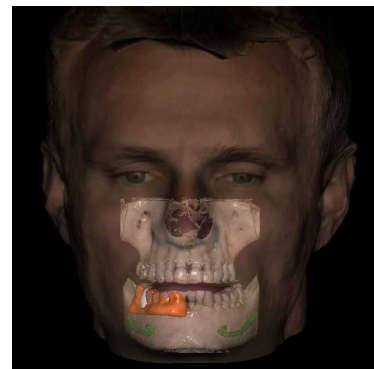


## Safe and speedy guided surgery

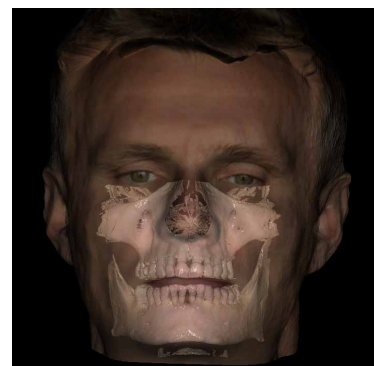
Much more than just a 3D radiology machine, you will be able to create surgical guides ready to print. It allows you to insert implants quickly and safely for both completely and partially toothless patients.

Implant planning softwares will prove your most trusted ally for quicker, safer and more efficient prosthetic implant dentistry.

Your DICOM images are also easy to integrate with the leading third party 3D software packages such as SimPlant®, Blue Sky Plan®, QuickVision 3D...



Face Scan (9x9cm)

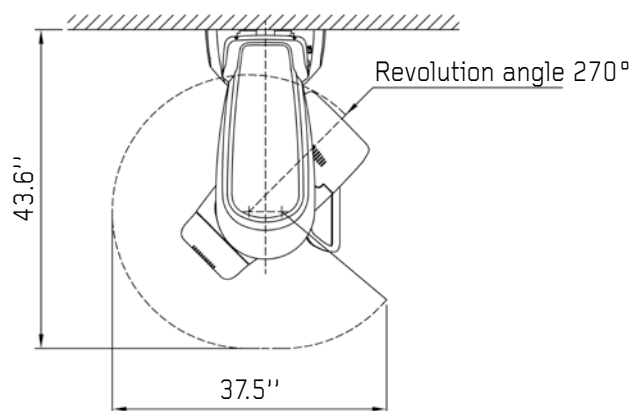
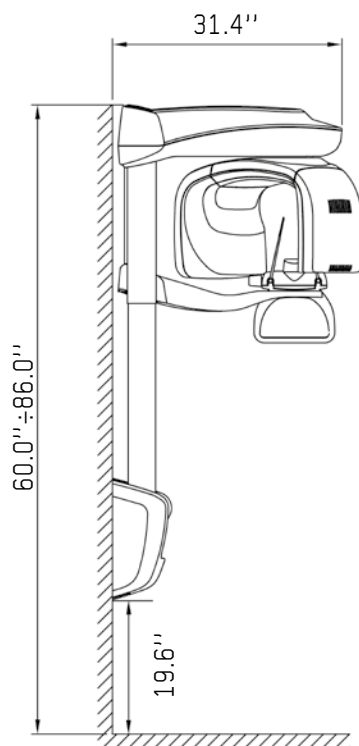


Face Scan (12x10cm)

\* .OBJ or .PLY file must come from a third party device

## TECHNICAL INFORMATION

	I-Max 2D	I-Max 3D/2D
<b>Class</b>	IIb / CE0051	
<b>Power supply</b>	110-120 V, 220-240 V to 50/60Hz	
<b>Anode voltage</b>	60 ÷ 70 kV	60 ÷ 86 kV
<b>Anode current</b>	2 ÷ 7,1 mA	2 ÷ 12.5 mA
<b>SID (Source to Image Distance)</b>	500 mm	520 mm
<b>Total weight (wall-mounted version)</b>	136 lbs	145 lbs
<b>Inherent filtration</b>	>2mm Al eq. @ 70 kVp	≥2.5 Al eq. @ 86 kVp
<b>HF generator</b>	Constant potential (DC)	
<b>X-Ray focal spot</b>	0.5 mm EN 60336	
<b>Connection</b>	LAN, Ethernet (no dedicated PC required)	LAN, Ethernet (dedicated PC required)
<b>Voxel</b>	N/A	87 µm (min. cross-section depth)
<b>Exposure time</b>	From 3,2 to 14.4 s (PAN Adult / Child)	From 3,2 to 14.0 s (2D exams) From 10,8 to 11,2 s (3D exams)
<b>F.O.V</b>	N/A	Ø116x102* / Ø86x93 / Ø86x50 / Ø50x50 mm



Class IIb / CE0051 medical equipment  
Please read the user instruction manual carefully.

\* Work in progress



800-990-9671

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