Owandy RADIOLOGY

i-max PRO

MAKES LIFE EASIER

NEW GENERATION PANORAMIC UNITS
2D, 3D, CEPH VERSION


Owandy
RADIOLOGY
20 YEARS OF INNOVATION
and optimisation of manufacturing ressources
with a highly specific goal:
respect for
the environment

MANUFACTURE

With product weight reduced from **210kg to 62kg**, fewer material resources are needed for Owandy's machines.

TRANSPORT

A lighter product **significantly lowers CO^2 emissions.**

RECYCLING

Less waste to be recycledat 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.**

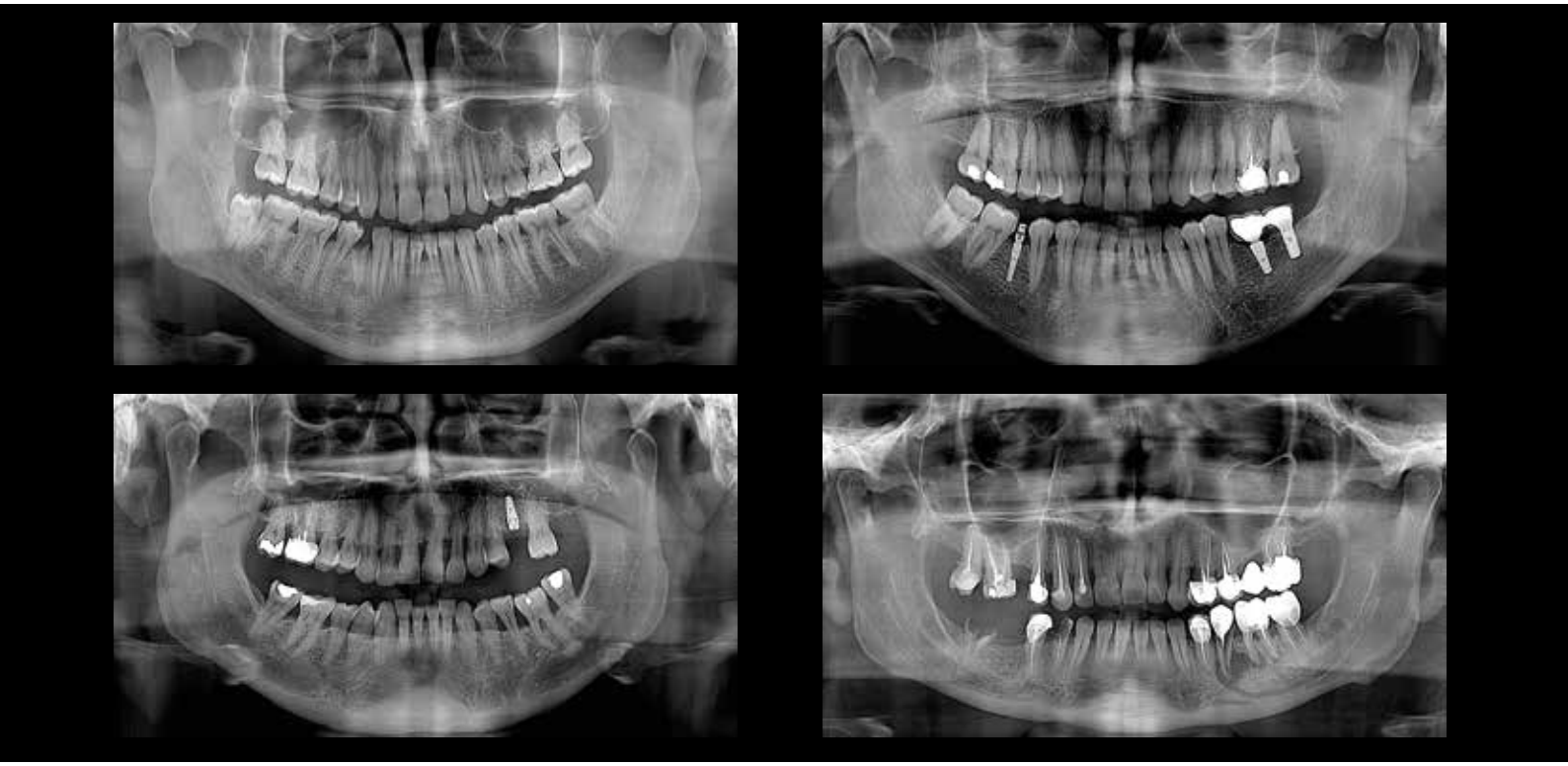
LIFE CYCLE OPTIMISATION

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

UNPARALLELED IMAGE QUALITY

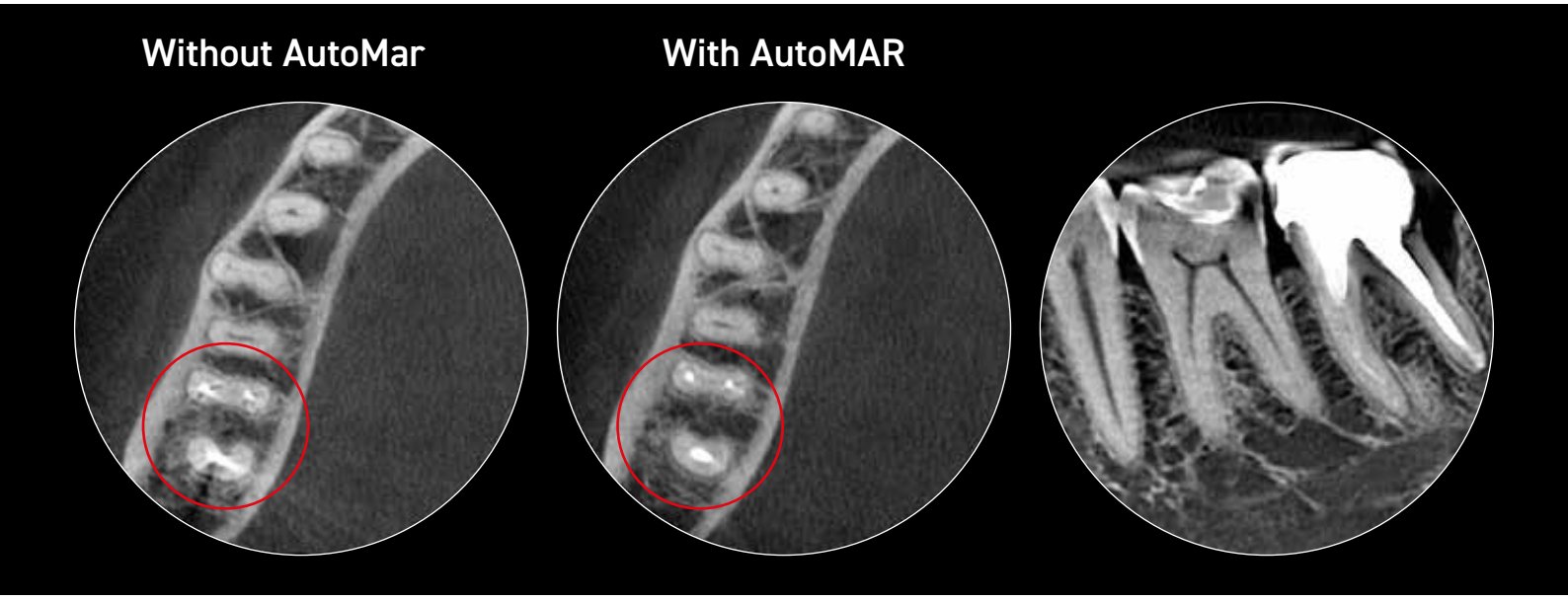
LATEST GENERATION CMOS SENSOR

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.



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
Products in the I-Max PRO range are compatible with all major management software packages on the market.

I-MAX PRO

I-MAX 3D PRO

I-MAX CEPH PRO

I-MAX 3D CEPH PRO

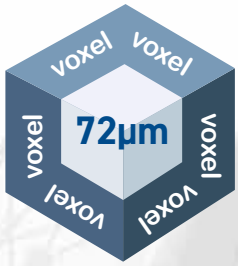
i-max PRO

- Latest generation CMOS sensor
- Compact design (< 1m²)
- Wall-mounted concept, Ø floor footprint
- “Face to face” positioning
- 24 2D programmes

I-MAX PRO PANORAMIC

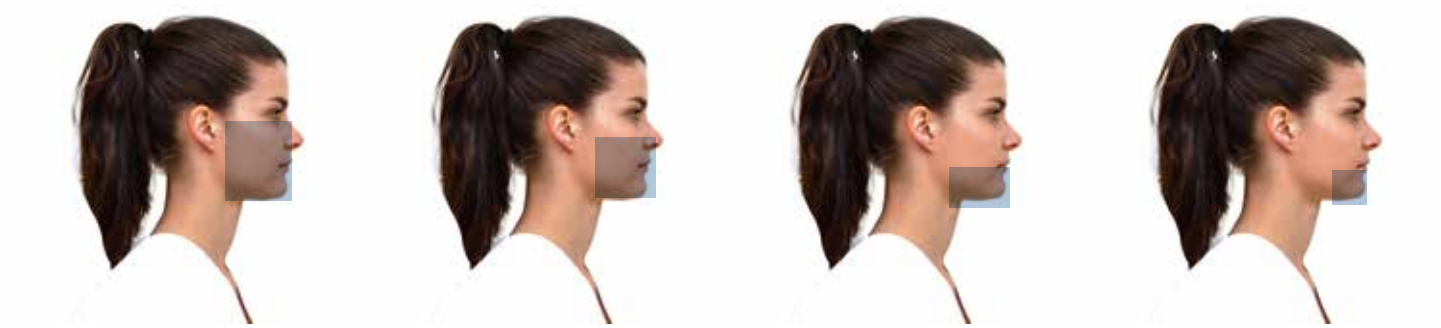
i-max 3D PRO

- High definition images: 72µm
- Compact design (<1m²)
- Wall-mounted concept, Ø floor footprint
- “Face to face” positioning
- 18 3D programmes
- FOV from12x10 to 5x5cm



I-MAX 3D PRO CONE BEAM

3D CONE BEAM MULTI-FOV (Field Of View)*



12 x 10 cm
Full dentition with condyles (optional)

9 x 9 cm
Full dentition

9 x 5 cm
Full arch

5 x 5 cm
Sectoral volume

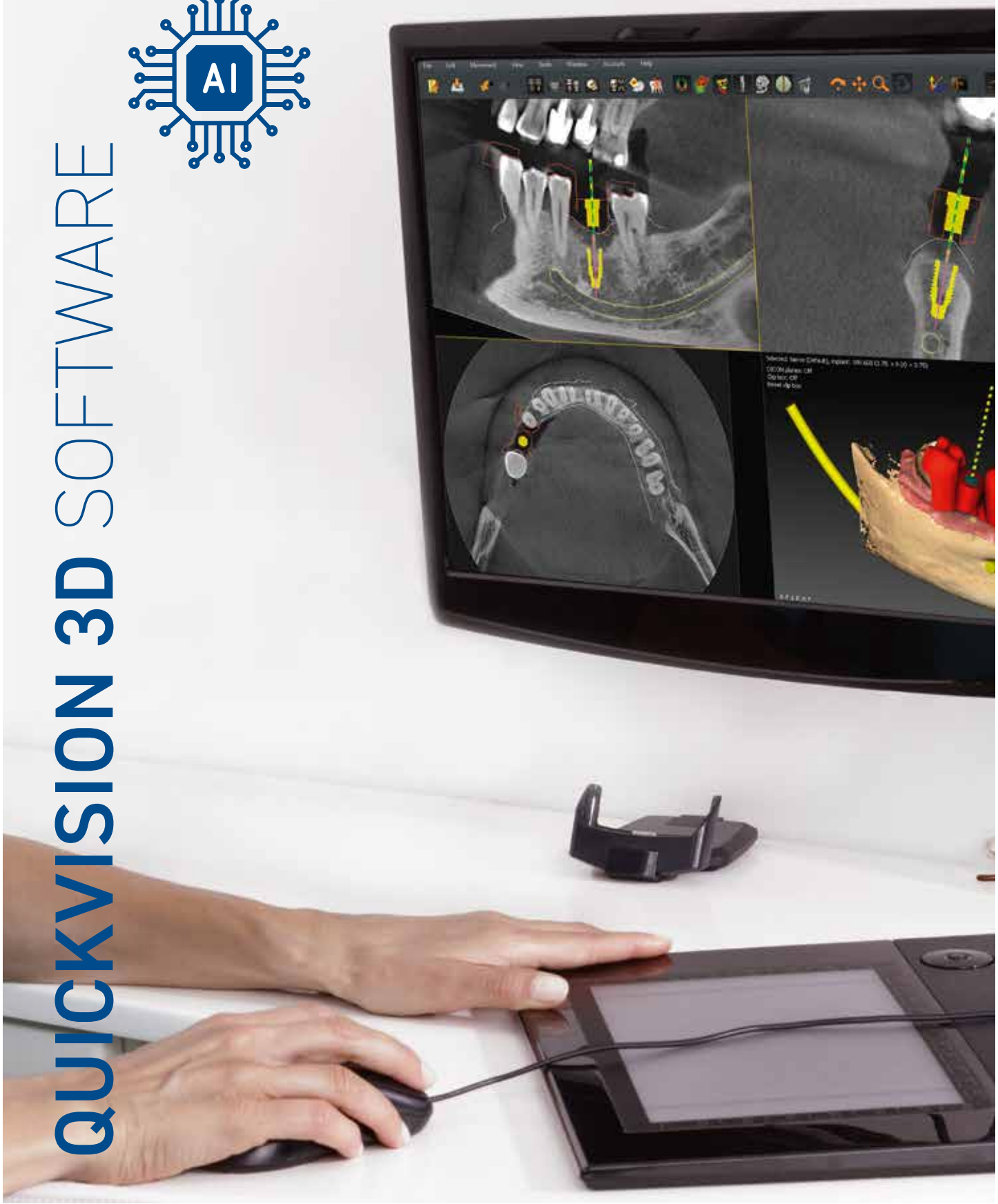
* Volume

MULTIPURPOSE EQUIPMENT: 4 IN 1

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

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

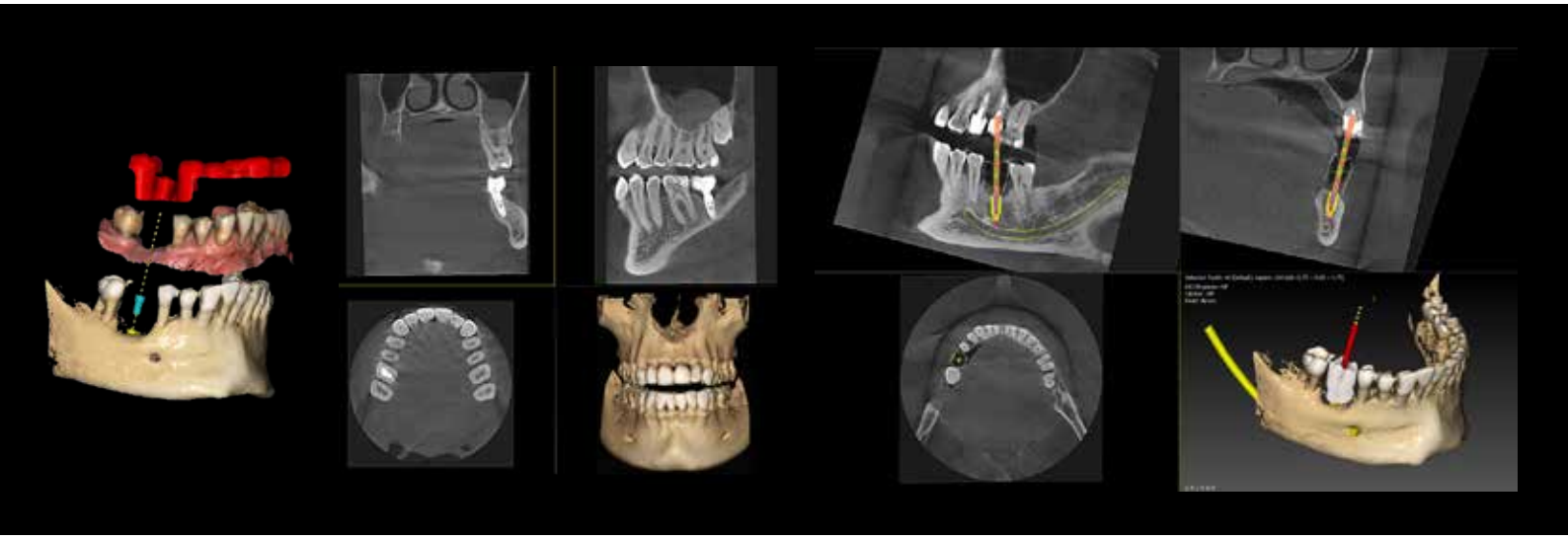
QUICKVISION 3D SOFTWARE



* Artificial Intelligence

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. Option to **import .STL files** from your laboratory or your dental impression camera.



OWANDY ACADEMY

CUSTOMISED TRAINING

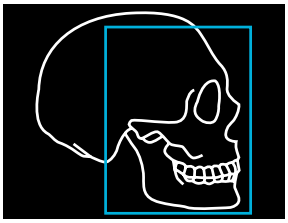
Owandy also offers a remote training service.
Our experts are on hand to help, providing support for any request, from the most basic to the most complex (full arch guided surgery).

i-max CEPH PRO

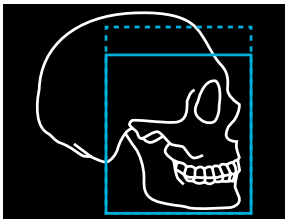
- Ultra-compact: 185cm wide
- “Face to face” positioning
- Low dose
- 9 CEPH programmes
- 200 types of exams with Ceph Analysis

4 IN 1 I-MAX CEPH 3D PRO

Lateral view
18 x 24 cm

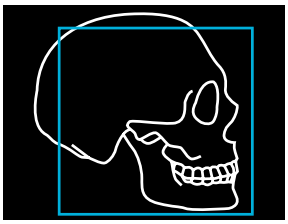


Lateral view 18 x 18 cm
(reduced dose)

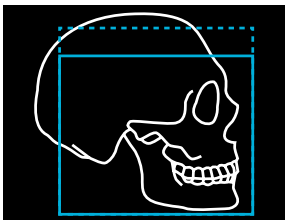


Frontal view
24 x 24 cm

Lateral view
24 x 24 cm

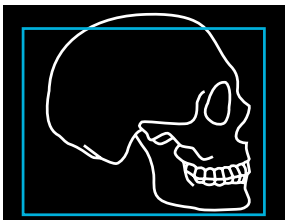


Lateral view 24 x 18 cm
(reduced dose)

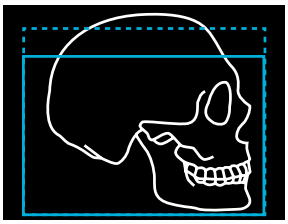


Frontal view24 x18 cm
(reduced dose)

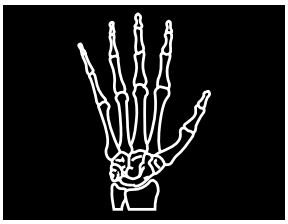
Full skull lateral view
30 x 24 cm

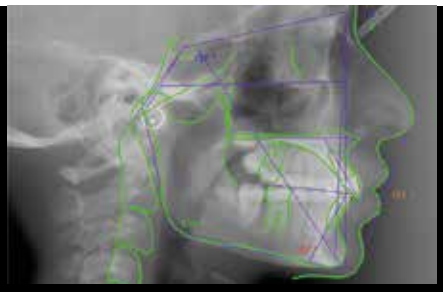


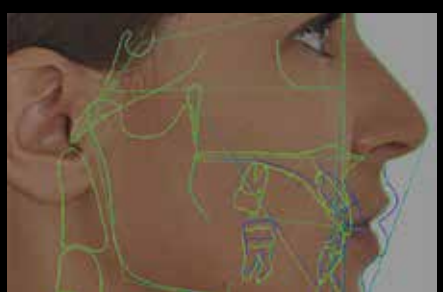
Full skull lateral view
30 x 18 cm (reduced dose)



Carpus
18 x 24 cm

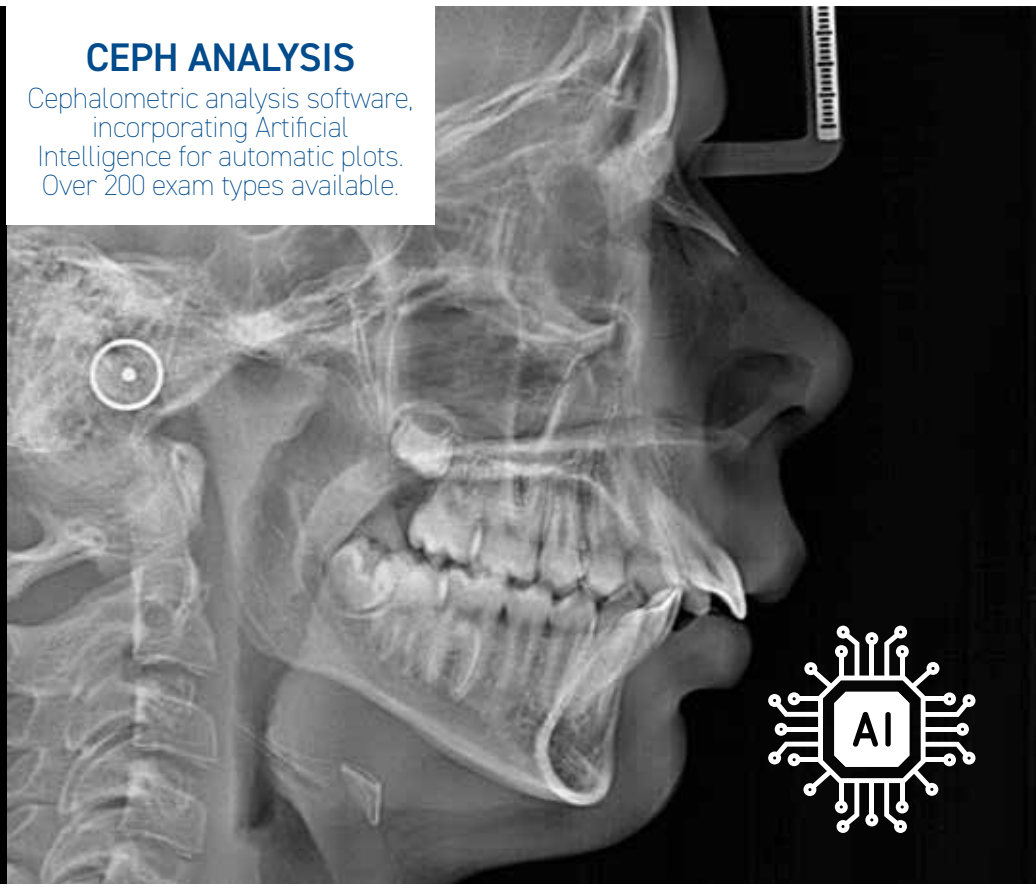






CEPH ANALYSIS

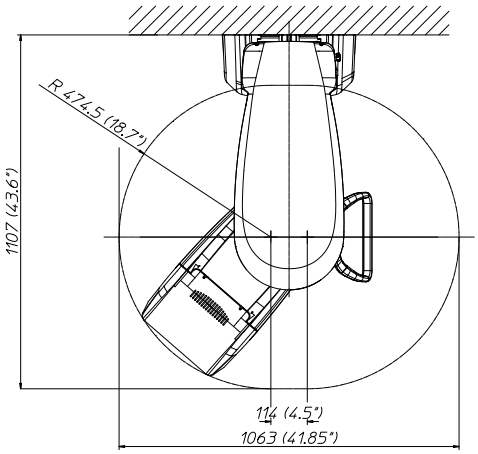
Cephalometric analysis software, incorporating Artificial Intelligence for automatic plots. Over 200 exam types available.

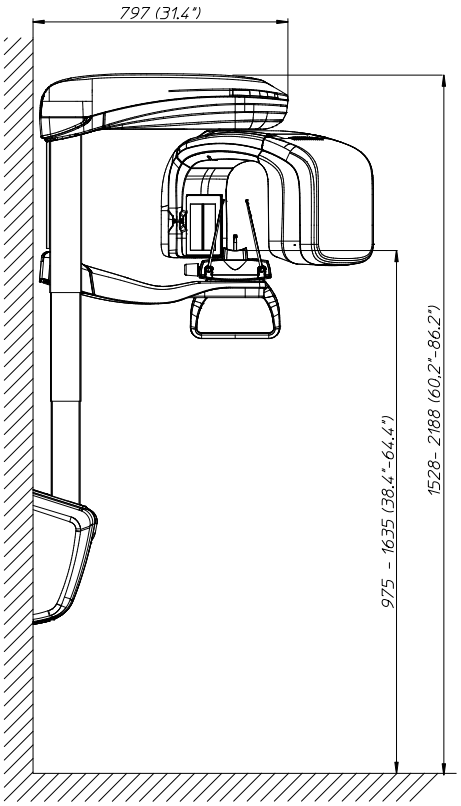


*Optional

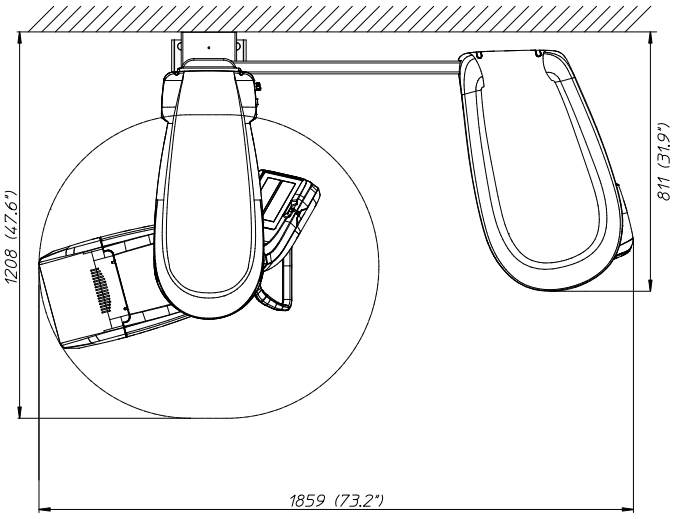
TECHNICAL FEATURES

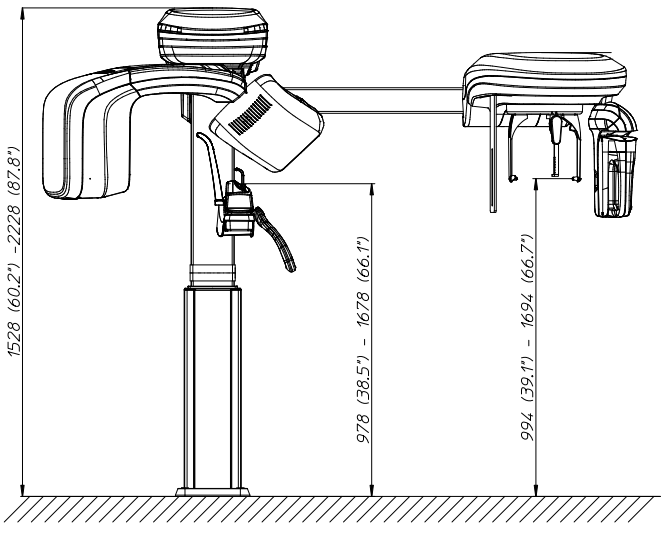
I-MAX PRO
I-MAX 3D PRO





I-MAX CEPH PRO
I-MAX 3D CEPH PRO





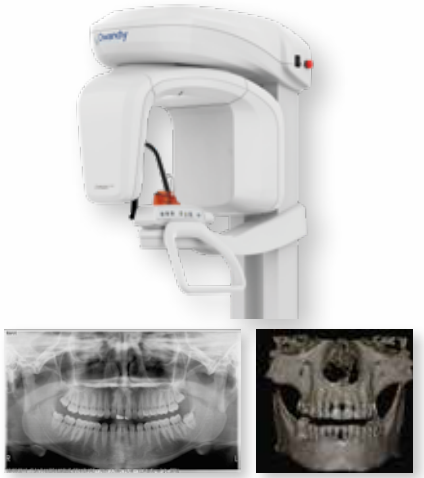
	I-Max PRO (2D)	I-Max Ceph PRO (2D)	I-Max 3D PRO	I-Max 3D Ceph PRO
Category	IIb / CE0051			
Power supply	110-120 V, 220-240 V à 50/60Hz			
Anode voltage	from 60 to 70 kV	from 60 to 86 kV		
Anode current	from 2 to 7,1 mA	from 2 to 12,5 mA		
Total weight	62 kg	118 kg	67 kg	123 kg
Inherent filtration	2 mm 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		72µm (min. cross-section depth)	

	I-Max PRO (2D)	I-Max Ceph PRO (2D)	I-Max 3D PRO	I-Max 3D Ceph PRO
2D panoramic	■	■	■	■
3D Cone Beam			■	■
Cephalometry		■		■
FOV			12x10* / 9x9 / 9x5 / 5x5 cm	
Programmes	24 2D programmes	24 2D programmes 9 ceph programmes	18 3D programmes 24 2D programmes	18 3D programmes 24 2D programmes 9 ceph programmes
Mounting	Wall	Floor + wall	Wall	Floor + wall
Guarantee	2 years (optional 5 year** guarantee)			
Installation options	• Floor base plate • Wall column	• Floor base plate	• Floor base plate • Wall column	• Floor base plate

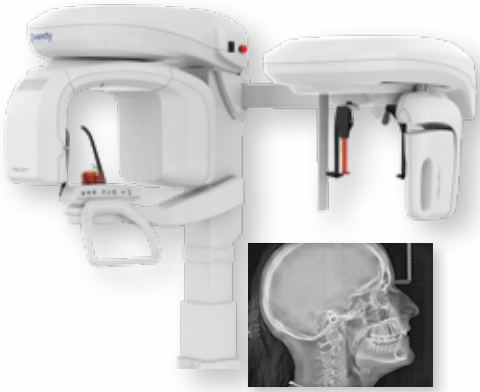
*Optional
**Guarantee valid for sensor and generator

DIGITAL WORKFLOW OWANDY RADIOLOGY

A COMPREHENSIVE RANGE TO MEET ALL YOUR REQUIREMENTS



2D/3D UNITS



CEPHALOMETRIC UNITS

HF INTRA-ORAL GENERATOR

FACE SCAN
.PLY IMPORT

INTRAORAL
PLATE SCANNER

DENTAL IMPRESSIONS
.STL IMPORT

SURGICAL
GUIDE

DIGITAL USB
INTRAORAL CAMERA

EXPORT TO
3D PRINTER

DIRECT USB
SENSORS

BR_IMAX_PRO_EN_Rev00

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