

www.acteongroup.com

Non contractual document - Ref. 707212.C - 11/2020 - Copyright © 2020 ACTEON. All rights reserved. No information or any part of this document may be reproduced or transmitted in any form without the prior permission of ACTEON.

RCS Paris 8337934483 - 0185196

This medical device is classified as class IIb according to the European Medical Device Directive in force. It bears the CE marking. Notified Body: IMQ 0051. This medical device is intended for dental care and is reserved for health care professional; it is not reimbursed by health insurance agencies. This equipment has been designed and manufactured in keeping with a quality system certified EN ISO 13485. Carefully read the user manual available at www.acteongroup.com - Manufacturer: De Götzen - Distributed® by ACTEON group.

DE GOTZEN | A company of ACTEON Group
Via Roma 45 | 21057 Olgiate Olona VA | ITALY
Phone + 39 0331 376760 | Fax + 39 0331 376763
Email: info@acteongroup.com | www.acteongroup.com



EN

IT'S TIME FOR EFFICIENT PANORAMIC X-RAYS

X MIND prime



2D DIAGNOSIS IS MORE ACCESSIBLE THAN EVER WITH A SMART AND COMPACT SOLUTION



ACTEON INNOVATIVE IMAGING

X-MIND® prime is a smart solution, providing high-technology capabilities and simplicity of use.

This ingenious unit offers all essential diagnostic tools in an accessible product.

Easy
2D diagnosis

Easy
patient
positioning

Easy
user interface

Easy
installation

Easy
to
use



PROVIDE A COMPREHENSIVE CLINICAL OVERVIEW

PROVIDE A GLOBAL CHECK-UP WITH HIGH-QUALITY PANORAMIC IMAGES



Interproximal carries on 21 and 22. Endodontic treatment and apical lesion on 47.



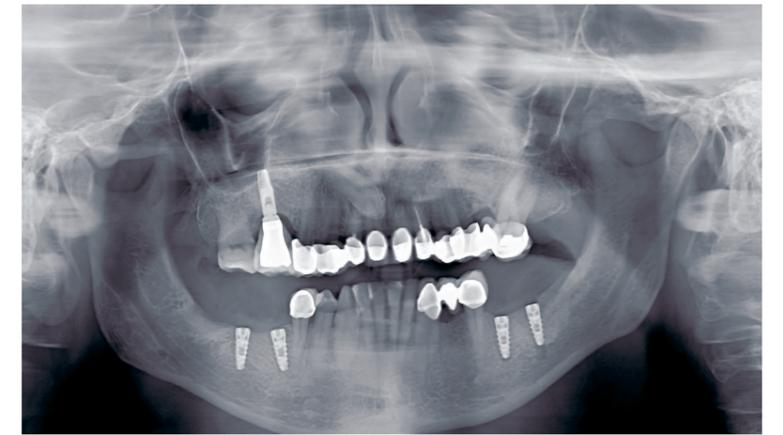
Wisdom teeth positioning.

With X-MIND® prime, benefit from :

- Accurate panoramic examinations
- Improved communication with your patients
- Minimum time for examinations preparation
- Sharp image at first view



FOLLOW-UP YOUR TREATMENT AND EFFICIENTLY COMMUNICATE WITH YOUR PATIENT



Verify the implant positioning right after the surgery.



Check the endodontic treatment performed on the 47.

RELY ON A COMPLETE SET OF PANORAMIC EXAMS

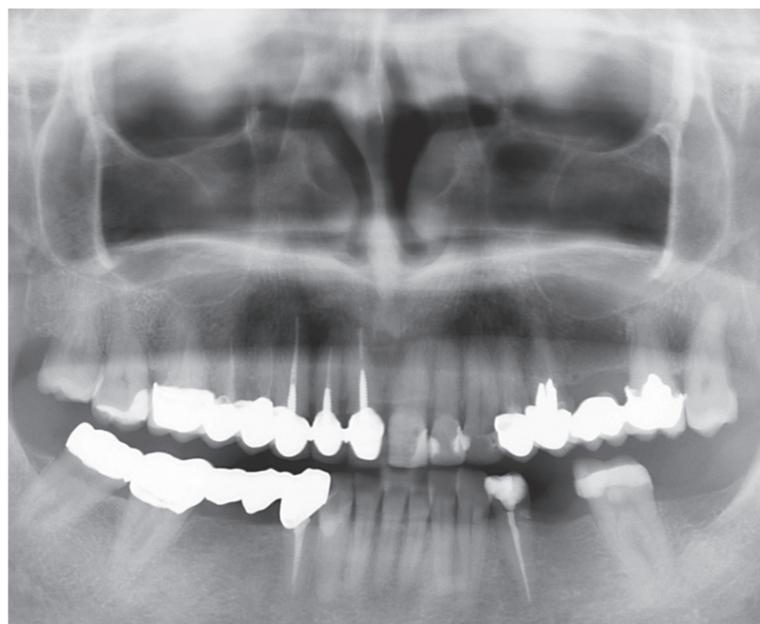
X-MIND® prime offers a full set of panoramic exams tailored to meet all your clinical applications.

It provides all the panoramic exams requested for general dentistry: dental panoramic, temporomandibular joints, sinuses.



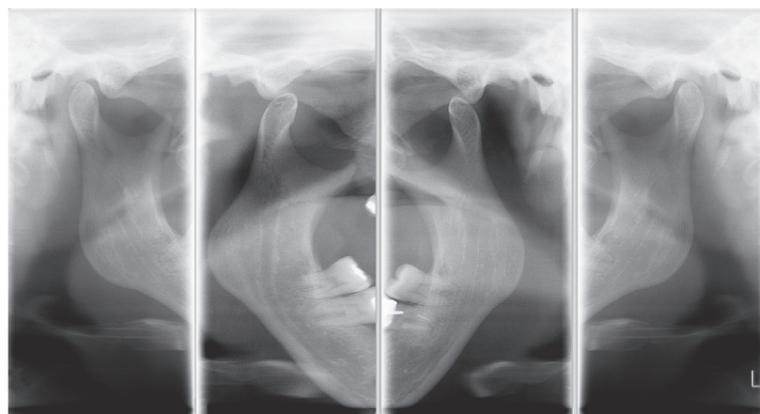
DENTAL PANORAMIC

Complete overview of the mandible and maxilla, maxillary sinuses, temporomandibular joints and supporting structures.



MAXILLARY SINUSES

Raised image in order to increase the visibility of the sinus and the apices of the upper teeth.



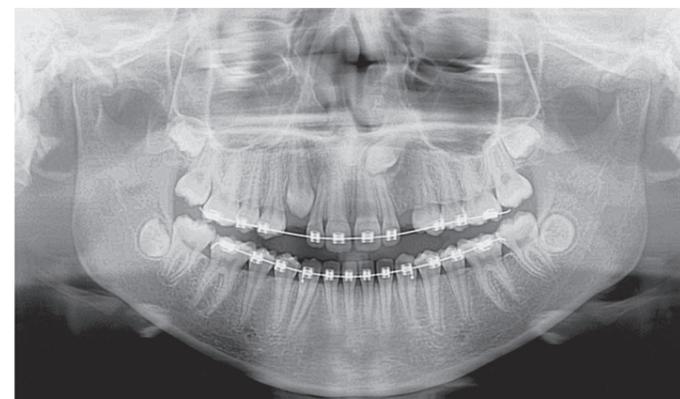
TEMPOROMANDIBULAR JOINT

Examination can be carried out with the mouth either open or closed.

MULTIPLE ADULT AND CHILD PANORAMIC

- ▶ Panoramic
 - Standard
 - Half Panoramic (right/left)
 - Frontal Dentition
 - Low Dose
 - Ortho Rad
- ▶ Bitewing
 - Single (right/left)
 - Bilateral
 - Sinus
- ▶ TMJ
 - Standard
 - Single phase

Other specific programs are available such as half-panoramic, improved orthogonal panoramic, detailed frontal dentition, low-dose panoramic and bitewing.



CHILD PANORAMIC

Protect your patient by reducing the exposed area and time.



HALF-PANORAMIC

Left & Right

Reduced the exposed area and focus on the region of interest.



BITEWING

Left & Right

Single or bilateral bitewing views.



FRONTAL

Limit the exposure to the front of the arches.



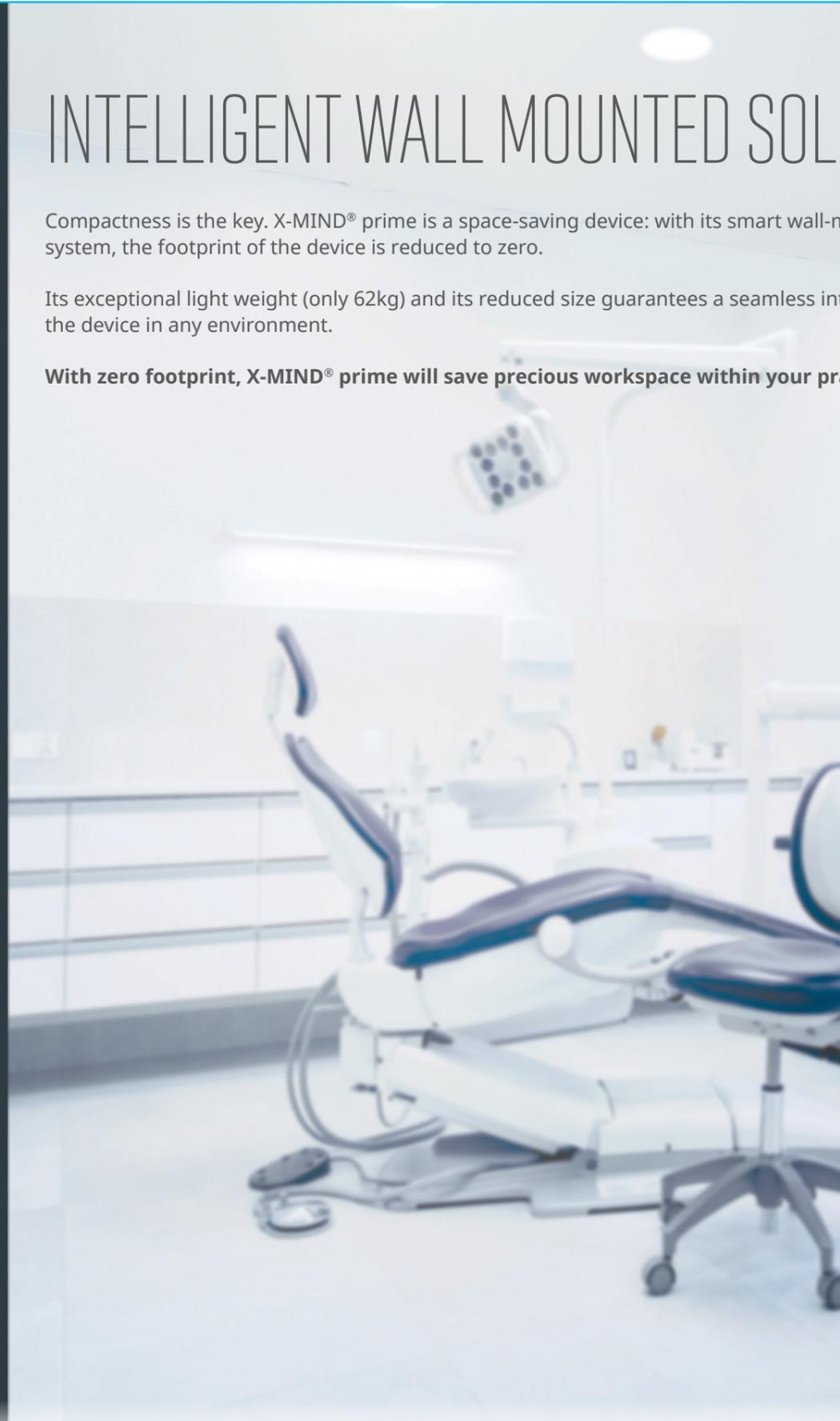
OPTIMIZE THE SPACE WITHIN YOUR PRACTICE

INTELLIGENT WALL MOUNTED SOLUTION

Compactness is the key. X-MIND® prime is a space-saving device: with its smart wall-mounted system, the footprint of the device is reduced to zero.

Its exceptional light weight (only 62kg) and its reduced size guarantees a seamless integration of the device in any environment.

With zero footprint, X-MIND® prime will save precious workspace within your practice.

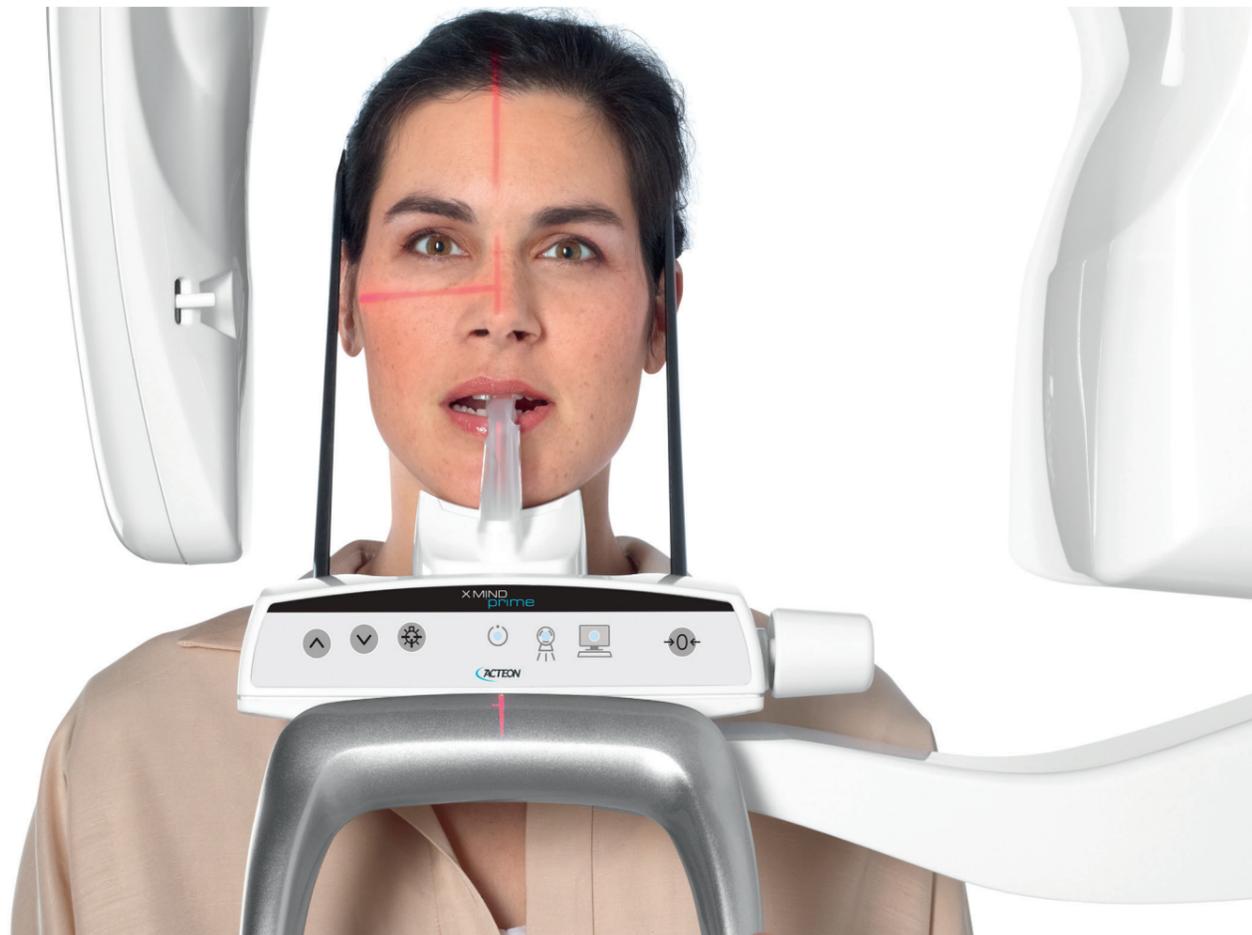


EASILY AND EFFICIENTLY POSITION YOUR PATIENT

To maximize productivity, X-MIND® prime is specifically designed to reduce the patient preparation time.

SMOOTH PATIENT POSITIONING

Natural face-to-face positioning supported by alignment lasers for correct patient positioning.



Whether sitting or standing at any height, the telescopic columns can be directly adjusted using the control panel.

X-MIND® prime's open space configuration suits all types of patients and is easily accessible for wheelchair users thanks to its zero footprint space.

SIMPLE CONTROL PANEL

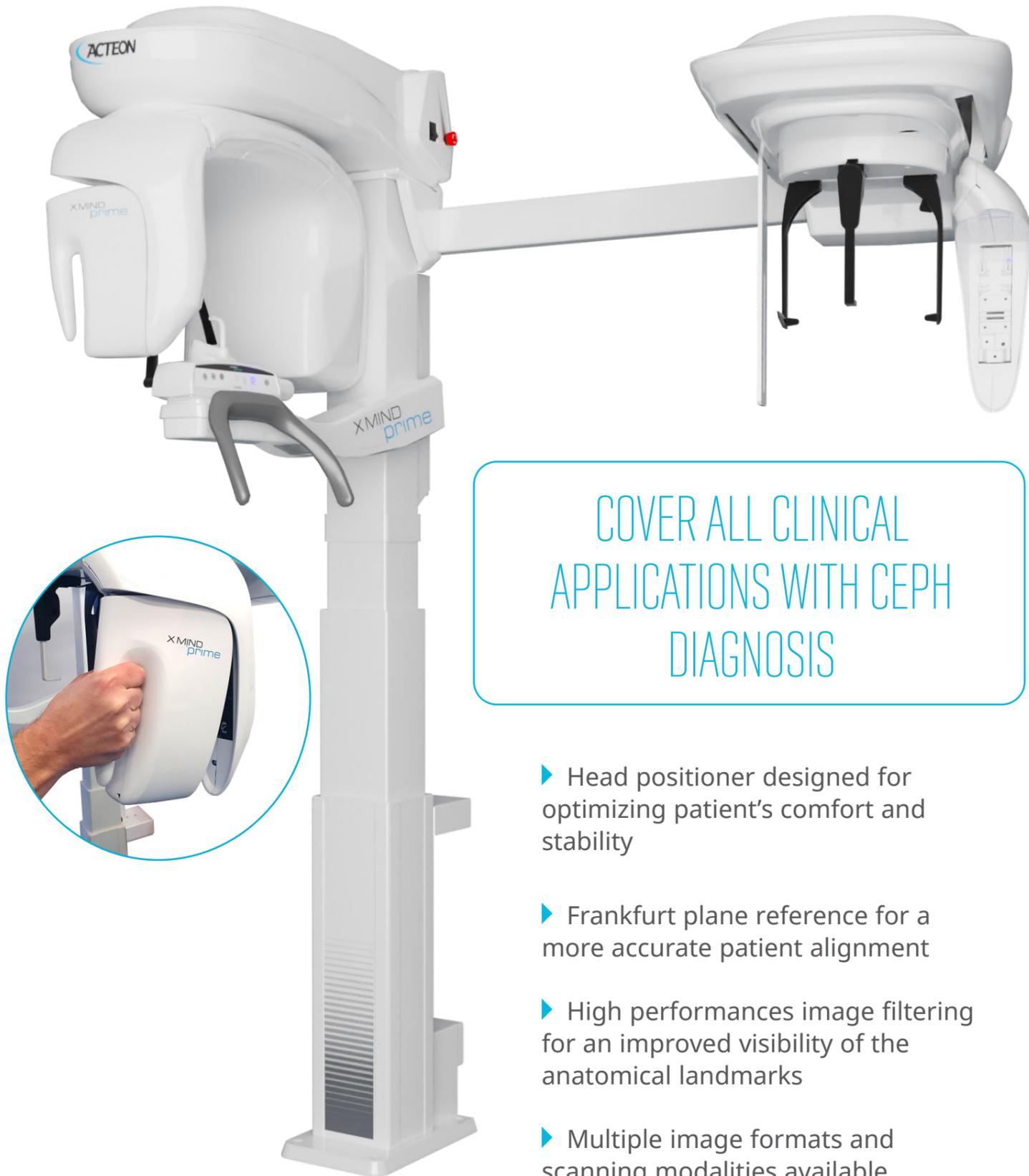
The simplified control panel smartly located below the chin support provides a streamlined and precise patient positioning. Simple settings and a quick examination lead to a more productive patient workflow.



The minimalistic design of the control panel guarantees an error free handling of the device.



EXPAND YOUR POSSIBILITIES WITH THE CEPHALOMETRIC OPTION

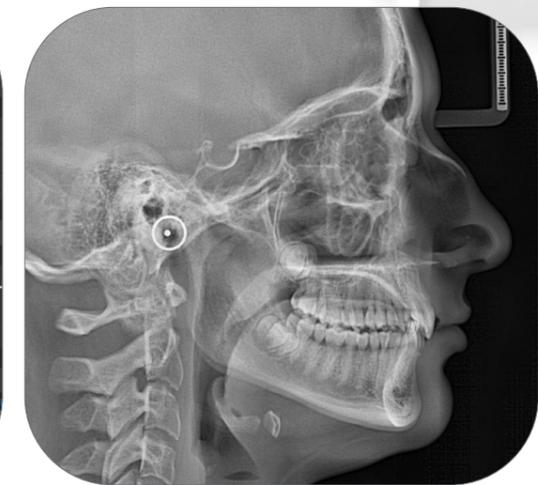
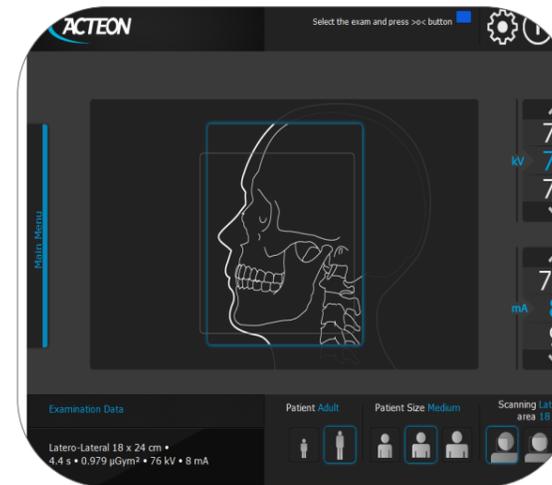


COVER ALL CLINICAL APPLICATIONS WITH CEPH DIAGNOSIS

- ▶ Head positioner designed for optimizing patient's comfort and stability
- ▶ Frankfurt plane reference for a more accurate patient alignment
- ▶ High performances image filtering for an improved visibility of the anatomical landmarks
- ▶ Multiple image formats and scanning modalities available

EASY, RELIABLE AND SAFE MOBILE SENSOR HANDLING

With the new Acteon cephalometric solution entering the X-MIND® prime range, you can now extend the fields of application of the device to orthodontic analysis, improving diagnosis and treatment planning.



Its patented collimation system allows multiple image size selections, including new reduced size modes, always ensuring a perfect assessment of the region of interest at the lowest dose.

The head positioner has been designed for optimizing patient's comfort and stability while the innovative reference support, placed on the ear rod, makes it easier for the user to always ensure a perfect centering of the Frankfurt plane.



ACCOMPLISH YOUR DIAGNOSES IN RECORD TIME

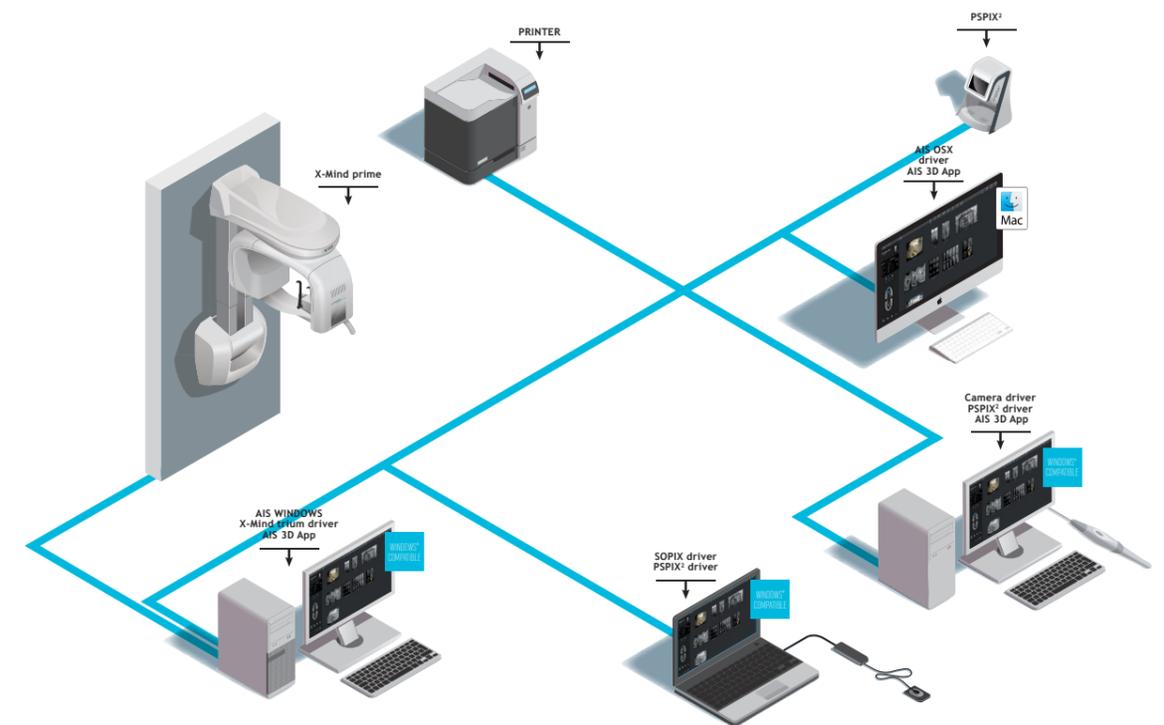
OPTIMIZE YOUR ANALYSIS
TIME WITH
THE POWERFUL, INTUITIVE
AND HIGH-PRECISION SOFTWARE



ADVANCED FUNCTIONALITY FOR INTUITIVE NAVIGATION

The Acteon Imaging Suite software offers intuitive navigation and advanced functionality. AIS* allows an easy management of your patient's exams and a direct control of all the Acteon imaging devices.

- ▶ Distance and angle measurement
- ▶ Custom patient report
- ▶ Intuitive
- ▶ Clean lines
- ▶ User-friendly
- ▶ Dicom standard compliance
- ▶ Open architecture
- ▶ Seamless integration with ACTEON 2D and 3D imaging devices**
- ▶ Panoramic image detail optimisation filter
- ▶ Integrates with various patient management software



*Acteon Imaging Suite

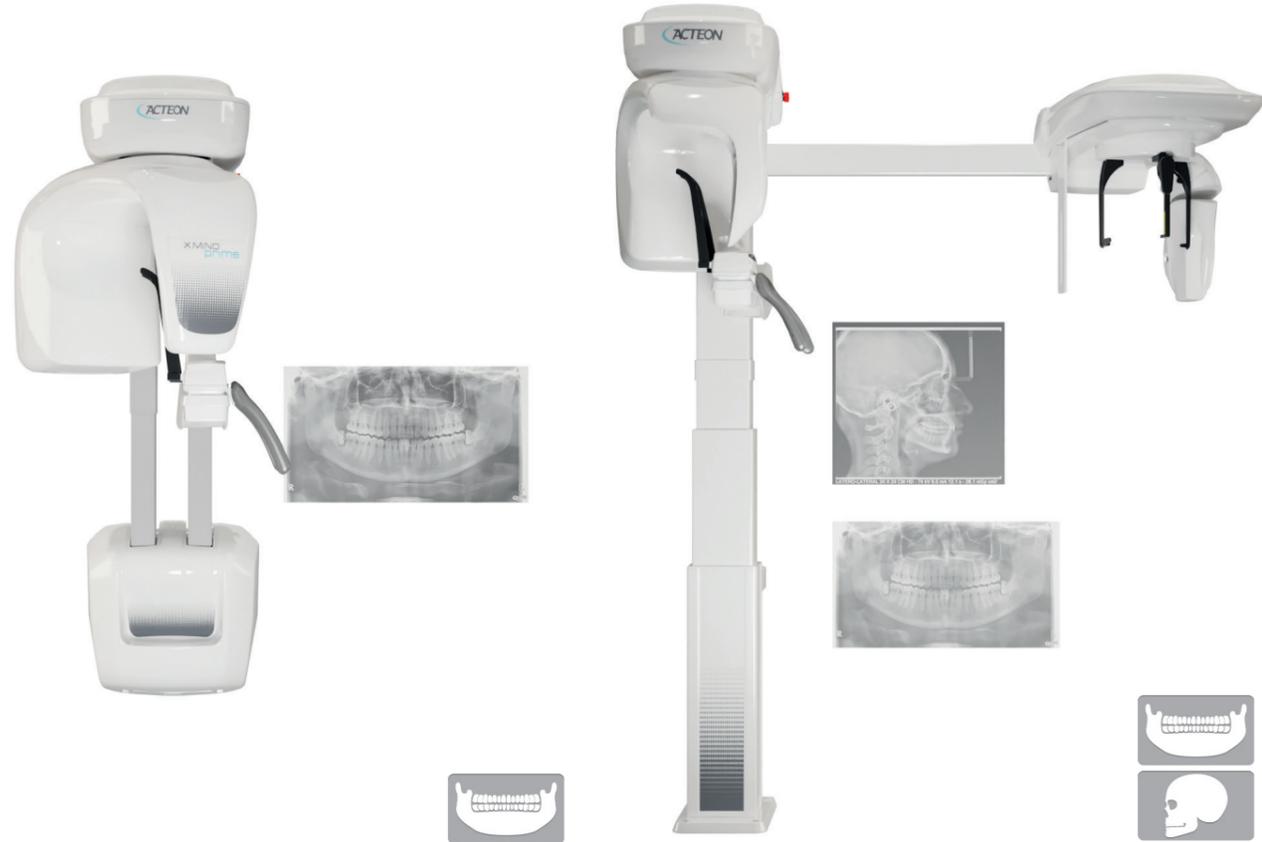
**Acteon® Imaging Suite is not available with PSPIX®, SOPIX Series and ACTEON intraoral cameras products Canada.

SOLUTIONS FOR ANY PRACTICE

UNMATCHED SPEED OF INSTALLATION

CHOOSE THE UNIT THAT WILL FIT YOUR CLINICAL NEEDS

- ▶ X-Mind® prime pan: Panoramic solution only
- ▶ X-MIND® prime avec CEPH



X-Mind® prime

X-Mind® prime with Ceph

Pan



Ceph



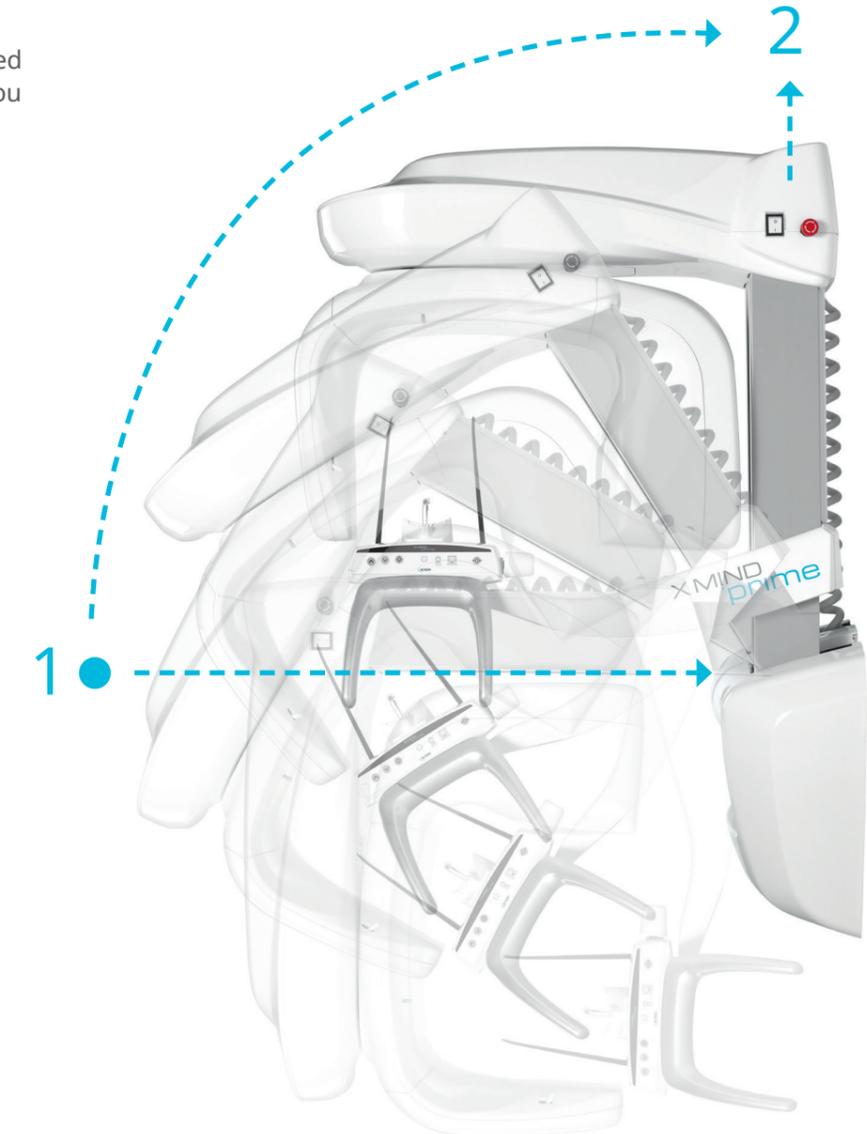
Also available in standing mount.

● : available option

X-MIND® prime is ready to install! Delivered completely assembled at your practice, you are all set-up in only one hour.

As simple as one box, one technician, two steps and that's it!

It does not interrupt the daily work and operations of the office, helping you to save time.



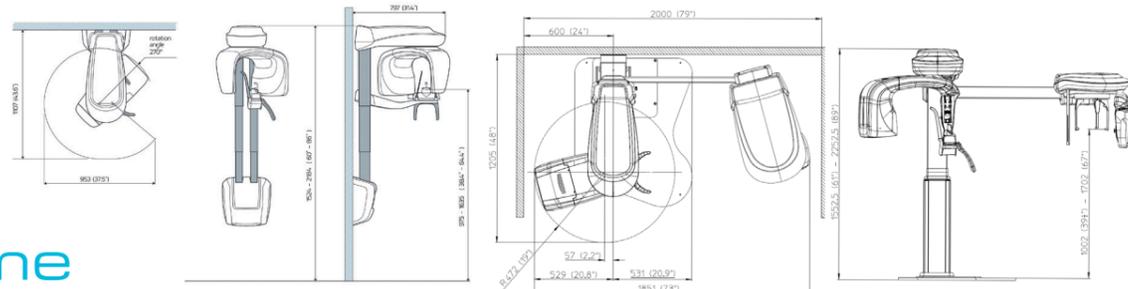
ACTEON SERVICE & YOU

"Clinical trainers" are available to show you the clinical aspects and patient benefits of ACTEON® products and train you on how to use them.

Free, ongoing and unlimited service can be reached Monday to Friday, CET from 09:00 to 18:00.

ACTEON® can also analyse and troubleshoot remotely, and specialist technicians can provide on-site service as quickly as possible.

TECHNICAL SPECIFICATIONS



NOTE

	X-MIND® prime	X-MIND® prime with Ceph
X-RAY SOURCES		
Tube type	D-058 (Toshiba)	Skarray / CEI OPX 105-12
Total filtration	2.0 mm Al eq. @ 70kVp	≥ 2.5 mm Al eq. @ 86 kVp
Tube voltage	60 - 70 kV	60 - 86 kV
Anodic current	2-7.1 mA	2-12.5 mA
Focal spot	0.5 mm	0.5 mm
SENSOR		
Type	CCD	CMOS detectors with CsI scintillator
Pixel size	96 µm (2x2 binning)	99 µm minimum 198 µm (2x2 binning) 198 um (binning 2x2)
ACQUISITION		
2D Programs	Panoramic (adult/child) - TMJ open/closed mouth in lateral projection - Maxillary sinuses (P-A) - Half panoramic (left/right) - Low dose panoramic - Frontal dentition - Ortho Rad Panoramic - Bitewing (left/right/double)	
CEPH Programs	-	Skull Latero-Lateral (HxL) (24x18 cm - 18x18 cm) (24x24 cm - 18x24 cm) (24x30 cm - 18x30 cm) Skull Antero-Posterior (HxL) (24x24 cm - 18x24cm) Carpus (HxL) (24x18 cm)
Exposure time	up to 14.4 sec	from 4.5 s
Grey levels	4096 - 12 bits	16384 - 14 bits
MECHANICAL DATAS		
Footprint	1107 x 953 mm	1205 x 1851 mm
Height	Max 2190 mm	Max 2230 mm
Weight	62 kgs	120 kgs

	WORKSTATION MINIMUM REQUIREMENTS		
	PAN/CEPH WINDOWS (WORKSTATION)	CLIENT WINDOWS	CLIENT MAC OS
Processor	Intel Core i5	Intel i5	Quadcore 2.6 GHz
Hard Disk	1TB 7200 rpm	300 GB	300 GB
RAM	8 GB	4 GB or 8 GB (for big FOV DICOM stacks)	8 GB (for big FOV DICOM stacks)
Graphics card	OPEN GL 2.1 compatible (suggested an NVIDIA GT/GTX)	Nvidia Geforce or Nvidia Quadro with 1 GB dedicated RAM	Nvidia Geforce or Nvidia Quadro with 1 GB dedicated RAM
Screen resolution	1600 x 1024	1600 x 1024	1600 x 1024
Network card	INTEL CT 1000 pro	100 Mb for PAN/CEPH 1 Gb for CBCT	100 Mb for PAN/CEPH 1 Gb for CBCT
Operating system	Windows 10 64 bits	Windows 10 64 bits	OS X Catalina, Big Sur (Not ARM)

