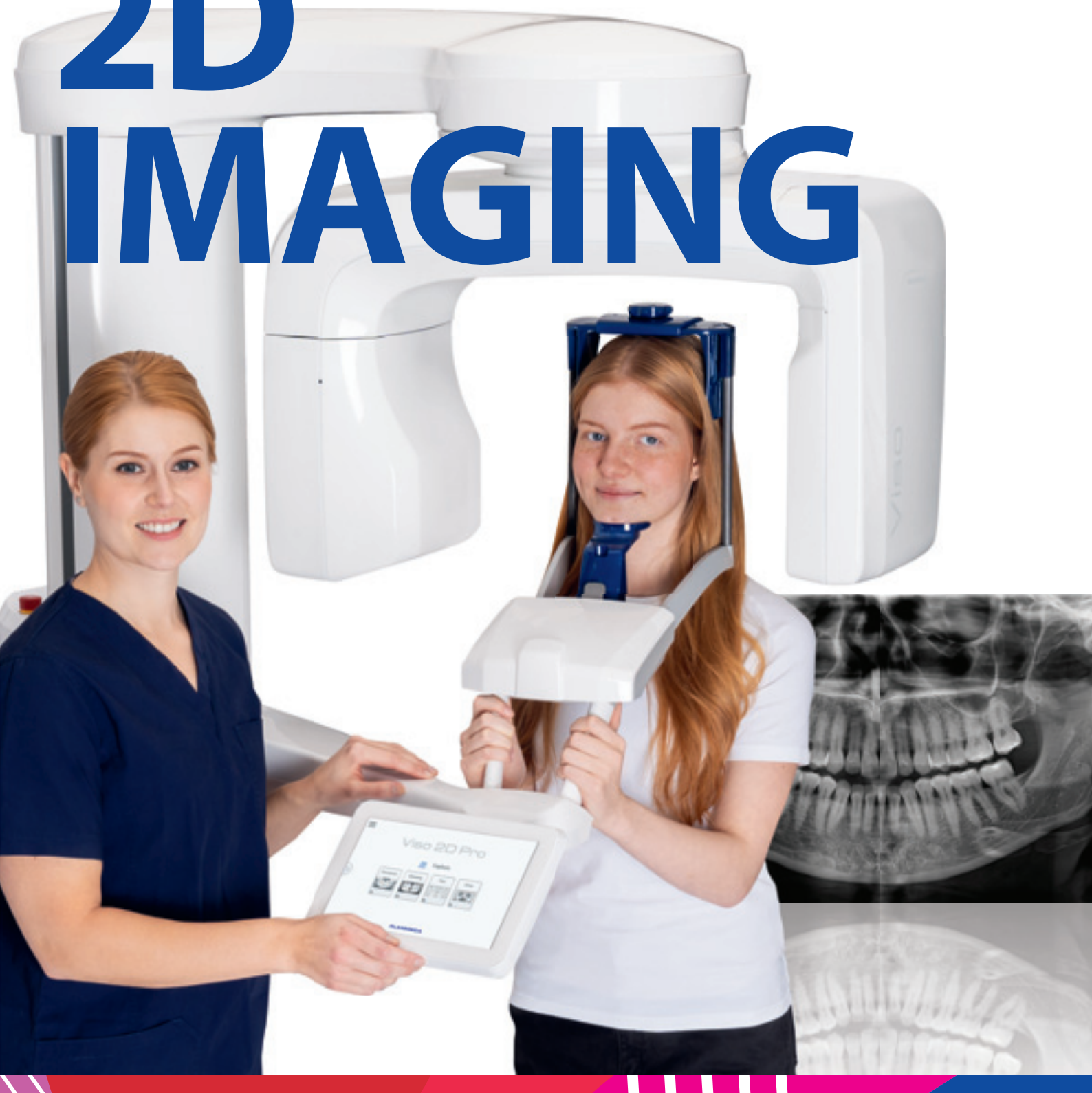
2D IMAGING



ENGLISH

PLANMECA

Welcome

An introduction from our President

"It's my great pleasure to introduce you to our pioneering 2D X-ray units. Our comprehensive range of digital units meets all your daily imaging needs – working perfectly with our highly advanced **Planmeca Romexis®** software for the most detailed extraoral and intraoral examinations possible.

I'm extremely proud of our product innovations, and for already half a century we've worked closely with dental professionals to set new standards in our field. What makes us a bit different is that all core product development and manufacturing takes place at our headquarters in Helsinki, Finland – ensuring exceptional quality and unmatched attention to detail at every stage of the process.

We also have a dedicated team of R&D professionals behind the scenes, developing breakthrough innovations that make a real difference. Our robotic SCARA technology, for example, offers flexible, precise and complex movements needed for extraoral maxillofacial imaging.

I am thrilled to invite you to discover our world of 2D imaging!"

Heikki Kyöstilä
President and founder
Planmeca Group

Industry-leading 2D X-ray units

Explore our world-class range of 2D imaging equipment – offering the most advanced and versatile features and software to meet all your 2D extraoral and intraoral imaging needs.

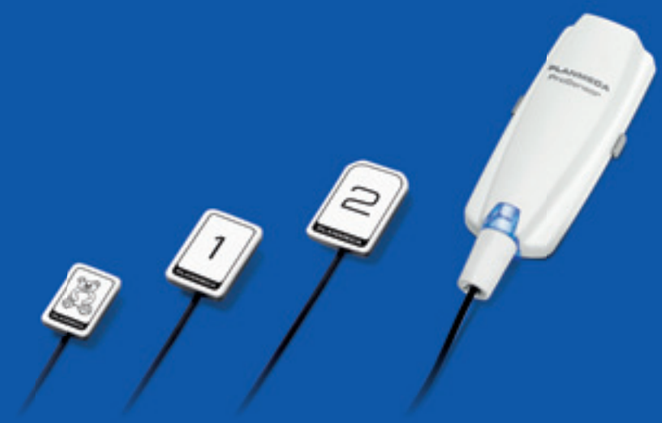
Planmeca Viso® 2D

Planmeca ProOne®

Planmeca ProMax® 2D

Planmeca ProX™

Planmeca ProX™ GO

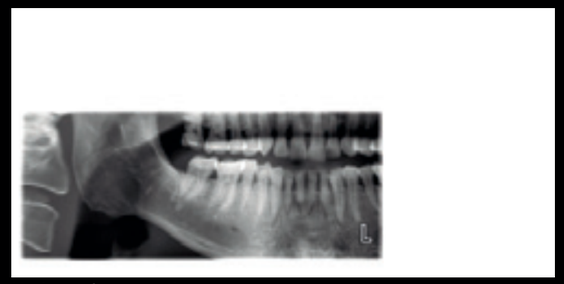


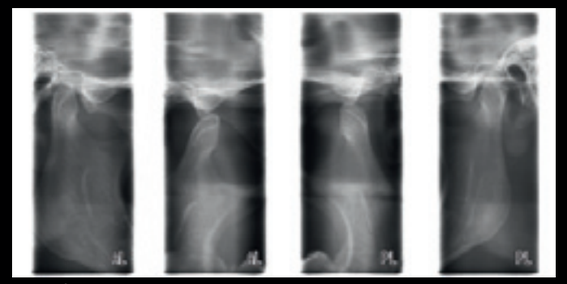
Planmeca ProSensor® HD

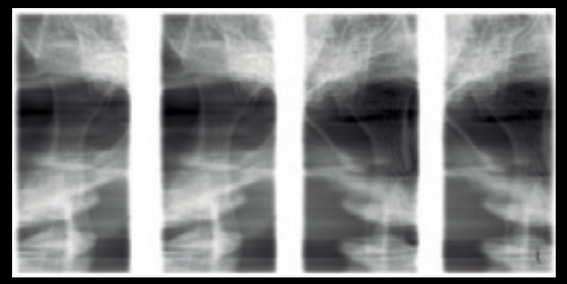
Planmeca ProScanner® 2.0

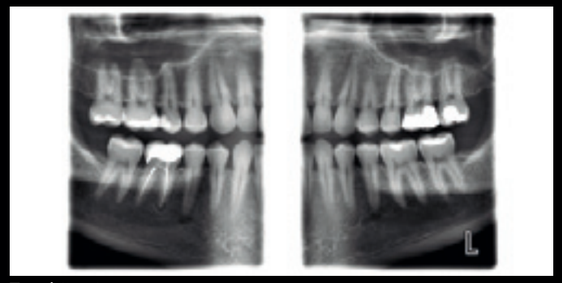
All the imaging programs you need

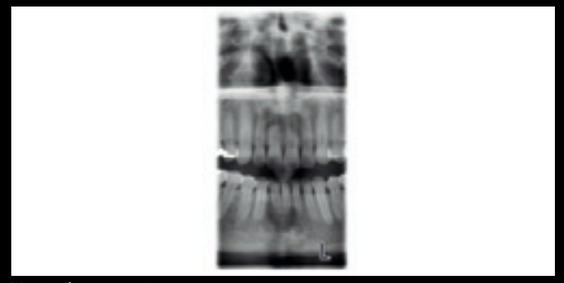

Standard panoramic

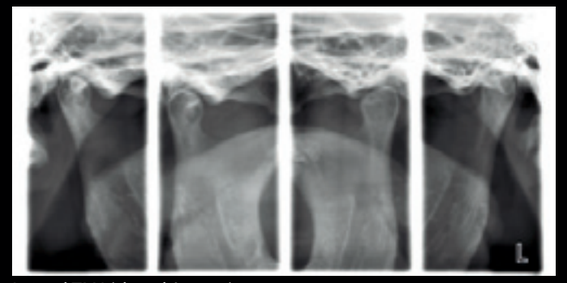

Horizontal segmenting

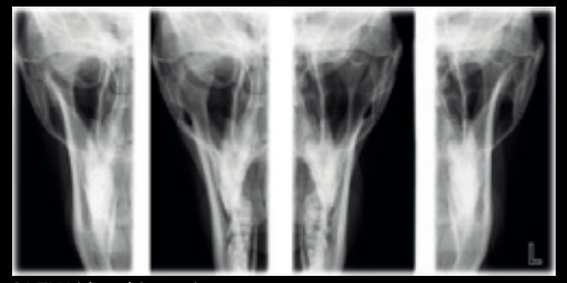

Lateral TMJ

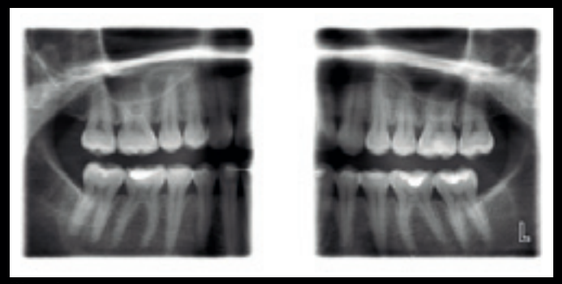

PA TMJ

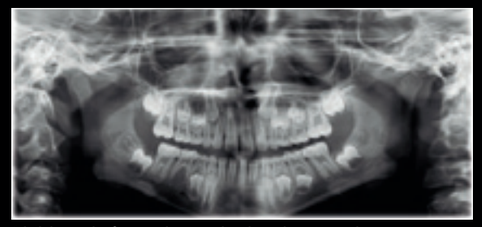

True bitewing

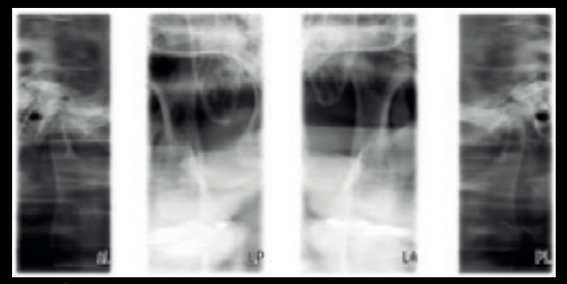

Vertical segmenting

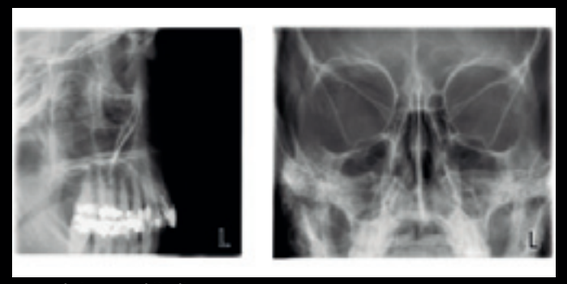

Lateral TMJ (closed & open)

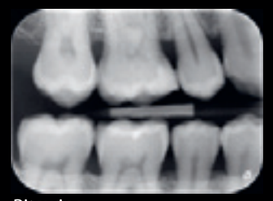

PA TMJ (closed & open)


Bitewing


Child mode for each standard and optional program to reduce the dose


Lateral-PA TMJ


Lateral sinus and PA linear sinus


Bitewing


Periapical

Planmeca Viso® 2D

Ultramodern 2D imaging experience

***Planmeca Viso®** 2D imaging units bring Planmeca's tried-and-true Viso technology to the world of panoramic imaging. Enjoy the benefits of top-of-the-line usability combined with pristine 2D image quality, all packed in a sleek and streamlined design.*

Features and imaging programs for your needs

Planmeca Viso® 2D Classic

Planmeca Viso® 2D Classic is the cornerstone of your clinic, offering reliability and user friendliness for panoramic, extraoral bitewing, TMJ, and sinus imaging needs.

Planmeca Viso® 2D Pro

Planmeca Viso® 2D Pro is the choice for the power user, bringing advanced features and high-quality performance to panoramic, true extraoral bitewing, TMJ, and sinus imaging.

	Viso 2D Classic	Viso 2D Pro
Panoramic imaging	✔	✔
True extraoral bitewing		✔
Extraoral bitewing	✔	
TMJ imaging	✔	✔
Sinus imaging	✔	✔
Horizontal and vertical segmenting	✔	✔
Child mode	✔	✔
Cephalostat, one-shot	✔	✔
SmartPan	✔	✔
Autofocus		✔
3D upgradeability		✔

Key features

State-of-the-art imaging

- Extremely sharp images
- Patented SCARA (Selectively Compliant Articulated Robot Arm) technology enables anatomically accurate imaging geometry for clear, error-free images
- Upgrade with the **Planmeca ProCeph™ A** cephalostat for even more capabilities
- **Planmeca Romexis®** all-in-one software for 2D imaging
- TWAIN support and full DICOM compliance

Intuitive tools and features

- Innovative patient positioning with laser lights for quick, straightforward, and reliable alignment
- Autofocus feature for positioning the focal layer automatically for perfect panoramic images
- **SmartPan™** feature for automatic acquisition of the correct imaging layer for each patient
- Easy access through side entry
- Seamless operation from the touchpad or imaging workstation for the optimal workflow as you prefer

Innovative features meet world-class quality

Planmeca Viso® *2D imaging units open a world of possibilities for dental professionals. From easy patient positioning and a user-friendly interface to clear and crisp images, Planmeca Viso is a truly exceptional panoramic imaging experience.*

Open architecture and easy access

- Effortless patient positioning thanks to an open-face architecture that enables an unrestricted view of your patient
- Airy design enhances patient comfort and minimises claustrophobic feelings
- Easy wheelchair accommodation with side-entry access

Carefree patient positioning and seamless operation

- Patient positioning designed so that the patient assumes the correct position from the beginning, with lasers to assist in finalising the alignment
- Clear and straightforward graphical user interface guides easily through the work
- Pre-programmed sites and exposure values for different image types and targets save time and allow focussing on your patient
- Control panel can be operated simultaneously from the imaging workstation for a personalised workflow

X-ray unit recognises your patient's anatomy

The unique Autofocus feature automatically positions the focal layer using a low-dose scout image of the patient's central incisors. Innovative **SmartPan™** feature recognizes patient anatomy and can automatically generate the optimal layer for panoramic imaging. Combined these features enable practically error-free patient positioning and dramatically reduce the need for retakes. The result is an optimal panoramic image – every time.

Latest sensor technology

- Extremely low noise
- More flexibility for adjustments
- Next-generation image quality

Planmeca ProMax® 2D

Trusted 2D extraoral imaging

***Planmeca ProMax®** is a complete maxillofacial imaging system. The design and operation principles are based on scientific research, trusted technology, and the most demanding needs of modern-day radiology.*

Different models for different needs

Planmeca ProMax® 2D S2

The two-joint model (SCARA2) **Planmeca ProMax® 2D S2** includes basic programs for panoramic, extraoral bitewing, TMJ and sinus imaging.

Planmeca ProMax® 2D S3

The three-joint model (SCARA3) **Planmeca ProMax® 2D S3** has been designed for all imaging needs: panoramic, true extraoral bitewing, TMJ and sinus.

Key features

Advanced technology

- Autofocus positions the focal layer automatically for perfect panoramic images
- Dynamic Exposure Control (DEC) measures the patient's radiation transparency and automatically adjusts exposure values
- Patented SCARA (Selectively Compliant Articulated Robot Arm) technology guarantees an anatomically accurate imaging geometry for clear, error-free images
- Easy upgrades – add cephalostat or 3D imaging capability at any time

Effortless use

- Full-view patient positioning with triple-laser patient positioning lights
- Side entry for comfortable access
- Easy-to-use graphical interface
- **ProTouch™ Desktop** for remote control panel operation on the imaging workstation
- Versatile **Planmeca Romexis®** 2D imaging software
- TWAIN support and full DICOM compliance

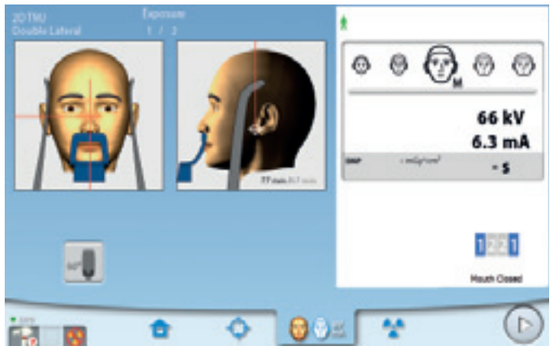
	ProMax 2D S2	ProMax 2D S3
Panoramic imaging	✔	✔
Cephalometric imaging, scanning	✔	✔
Cephalometric imaging, one-shot		✔
True extraoral bitewing		✔
Extraoral bitewing	✔	
TMJ imaging	✔	✔
Sinus imaging	✔	✔
Child mode	✔	✔
Autofocus		✔
3D upgradeability		✔

Effortless and comfortable

*Our industry-leading **Planmeca ProMax®** unit is known across the world for incredible ease of use and exceptional patient comfort. A relaxed patient means a smooth imaging workflow and the best possible image quality.*

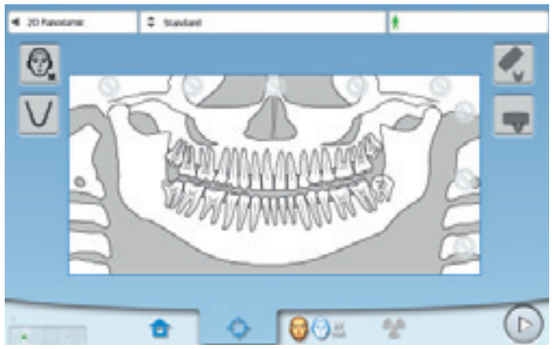
Open patient positioning

- Position patients effortlessly thanks to open-face architecture
- Correct patient positioning either with Autofocus or manually
- Make fine adjustments using positioning lasers
- Work with an unrestricted view of your patient
- Avoid claustrophobic feelings in patients
- Accommodate wheelchairs easily with side-entry access



Laser-assisted patient alignment

- A triple laser beam system accurately indicates the correct anatomical alignment points for patient positioning
- The midsagittal plane positioning beam indicates the correct sideways alignment
- The Frankfort horizontal plane positioning beam shows the correct forward tilt of your patient's head
- The focal layer positioning beam indicates the focal layer position and ensures images are sharp and clear



User-friendly control panel

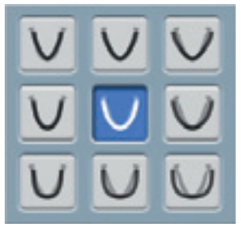
- Clear and straightforward graphical user interface guides you smoothly through your work
- Pre-programmed sites and exposure values for different image types and targets save you time and allow you to focus on your patients
- The control panel can also be operated remotely from the imaging workstation

Improved image quality with Dynamic Exposure Control (DEC)

The unique digital Dynamic Exposure Control (DEC) automatically adjusts the exposure values for each individual patient based on their anatomic structure and bone density. DEC improves the quality of both panoramic and cephalometric imaging with more consistent brightness and contrast.

Adjustable focal layer

Developed based on scientific research, the imaging geometry matches the shape of the focal layer with the patient's anatomy, resulting in clear panoramic radiographs. Simply select the shape of the focal layer on the graphical user interface, according to the size and shape of the patient's jaw.



Robotic arm technology

Planmeca Viso® *and* ***Planmeca ProMax®*** *features highly advanced and exclusive robotic SCARA (Selectively Compliant Articulated Robot Arm) technology – providing flexible, precise and complex movements required for rotational maxillofacial imaging.*

Unlimited movement range

Our revolutionary SCARA technology combines an electro-mechanical construction with real-time computation of dynamic rotation patterns. This enables optimised radiography for each individual patient, meeting virtually any diagnostic requirement for maxillofacial dentistry.

User benefits for SCARA

The precise free-flowing arm movements allow for a wider variety of imaging programs not possible with other X-ray units with fixed rotations. SCARA offers superior imaging capabilities for both existing and future technologies.

Two options

- The two-joint model (SCARA2) for basic imaging needs
  - **Planmeca Viso® 2D Classic**
  - **Planmeca ProMax® 2D S2**
- The three-joint model (SCARA3) for all imaging needs
  - **Planmeca Viso® 2D Pro**
  - **Planmeca ProMax® 2D S3**

Special features only possible with our SCARA3 technology

Error-free patient positioning with Autofocus

- The Autofocus feature automatically positions the focal layer using a low-dose scout image

Better diagnostic value with true extraoral bitewings

- Consistently opens interproximal contacts, providing better diagnostic value

Easy upgrade from 2D to 3D

- The 2D device with SCARA3 technology is not only capable of the most advanced 2D imaging but can also be upgraded to a 3D device

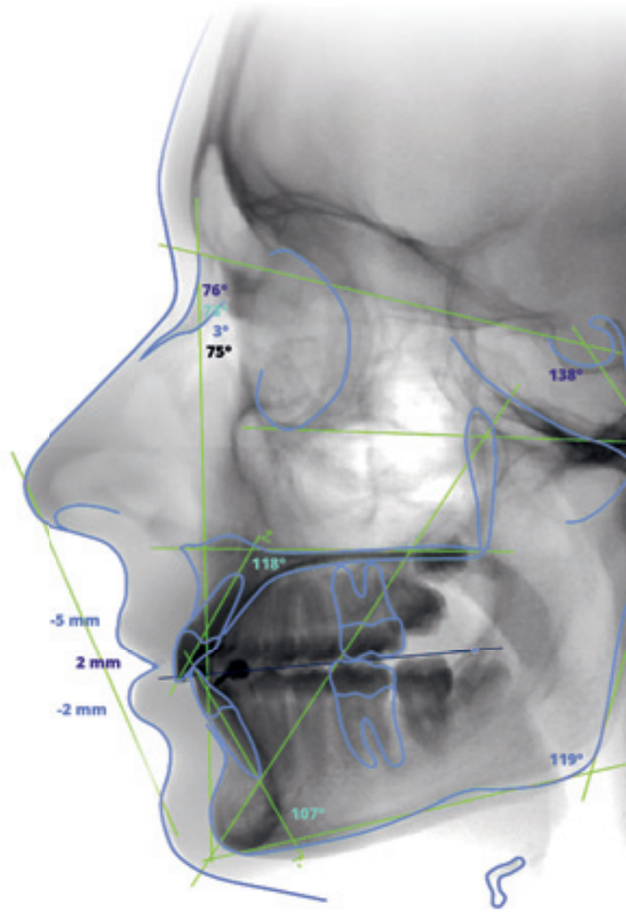
Quality cephalometry for orthodontics

Our exceptional equipment and advanced software have been designed to meet all your orthodontic needs.

Cephalometric imaging with Planmeca X-ray units

- The functional and easy-to-use head positioner ensures accurate positioning for all cephalometric projections
- The carbon fibre ear posts and nasal positioner are extremely stable, hygienic, and transparent to radiation
- The unit automatically aligns itself to take cephalometric exposures and then selects a corresponding collimator
- Dedicated collimation options for paediatric imaging

Easier and more accurate than ever before



Equipment options

One-shot Planmeca ProCeph™ cephalostat

- State-of-the-art one-shot cephalostat
- Short exposure time – no motion artefacts, low patient dose
- Maximum image size with magnification 30 x 25 cm (ProCeph) and 25 x 30 cm (ProCeph A)

Scanning Planmeca ProMax® cephalostat

- Digital cephalostat that scans your patient's head horizontally using a narrow X-ray beam with an extremely low effective dose of radiation
- Maximum image size with magnification 30 x 27 cm

Options for cephalometric analyses

Planmeca Romexis® Cephalometric Analysis module

Take advantage of the **Planmeca Romexis® Cephalometric Analysis** module's wide range orthodontic and orthognathic tools.

- Automatic landmark identification
- Tools for creating cephalometric analyses, growth analyses, superimpositions, and surgical treatment plans (VTO) in minutes
- Fully customisable analyses, norms, and reports
- Microsoft Excel export and import function
- Compatible with the Windows operating system

Online automatic analysis service

Acquire cephalometric analyses regardless of time and place with the **Planmeca Romexis®** automatic cephalometric analysis service.

- Online automatic cephalometric tracing in a few seconds
- Over 50 analyses available for download immediately after tracing
- Direct link from the Planmeca Romexis 2D module for ordering analyses

Planmeca ProOne®

Simplicity at its finest

Planmeca ProOne® *is our full-featured panoramic X-ray unit. It has been designed with simplicity in mind and features several cutting-edge innovations – combining extensive diagnostic capabilities and superior image quality into a compact, easy-to-use package.*

Easy patient positioning

To minimise imaging errors caused by incorrect patient positioning, **Planmeca ProOne®** and all our other X-ray units support open positioning and convenient side entry for patients – both standing and seated. You can monitor your patient from the front and the side, with positioning further assisted by our triple laser beam system that indicates the correct anatomical positioning points.

User interface provides guidance

Planmeca ProOne is equipped with a full-colour graphical user interface to help guide you through procedures with clear texts and symbols. All settings are logically organised and easy to understand, which speeds up the imaging process and lets you focus on communicating with your patient and positioning them correctly.

Perfect panoramic images – every time

Positioning errors are now a thing of the past – with Autofocus technology you can take an ultra-low-dose scout image of your patient's central incisors for a fast diagnostic panoramic image every time.

Panoramic imaging	✔
Extraoral bitewing	✔
TMJ imaging	✔
Sinus imaging	✔
Child mode	✔
Autofocus	✔

Planmeca ProX™

Flexible intraoral X-ray unit

*Our advanced **Planmeca ProX™** unit provides easy and precise positioning, a straightforward imaging process and top-quality images in high resolution. It is a highly beneficial and effective 2D imaging option for all dental clinics, making intraoral imaging easier and more reliable than ever.*

The premium intraoral X-ray unit

- Optimal images for all diagnostic needs: variable kV and mA
- Quick and easy to use: pre-programmed quick settings, practical design
- Automatic image parameter recording
- Integration with the **Planmeca ProSensor® HD** intraoral sensor
- Smooth workflow with the **Planmeca Romexis®** software
- Versatile installation options

Highly adaptable imaging

Planmeca ProX™ adapts to both short-cone and long-cone imaging. For maximum radiation hygiene, an additional rectangular collimator can be adapted to the long cone. The steady X-ray unit arm provides accurate and drift-free positioning of the lightweight tube head.

Quick imaging parameter settings

Planmeca ProX comes pre-programmed with quick settings for different exposure value combinations. Imaging parameters are automatically retrieved according to the selected exposure region and diagnostic need. Values can also be manually adjusted if necessary. Simply select the image receptor to automatically adapt the pre-programmed settings for film, imaging plate or digital sensors – allowing rapid transition to new imaging technologies without reprogramming.

Automatic recording of imaging parameters

With Planmeca ProX, the used patient dose and imaging parameters (DAP, kV, mA and exposure time) are automatically recorded on the image file in the Planmeca Romexis imaging software. This modern and reliable digital solution saves valuable time, as the exposure values do not need to be typed in manually for each image. The digital solution also allows easy listing of recorded exposure parameters and printing of dose reports through Romexis report module.

Faster X-ray examinations with digital sensor

Benefit from the the most user-friendly intraoral imaging by combining Planmeca ProX with the Planmeca ProSensor HD intraoral sensor. The captured image is displayed on the screen just seconds after exposure, significantly reducing the time needed for an intraoral X-ray examination compared to conventional film.

Numerous installation options

As every dental clinic is different, it is important to offer various ways to integrate equipment. Planmeca ProX can be installed to match the individual layout and workflow of any type of clinic.

The wide range of installation options is further complemented by the **Planmeca ProX™ GO** handheld intraoral X-ray device, which offers unparalleled flexibility through its portability and small footprint.

Planmeca ProX™ GO

Simplicity meets productivity

***Planmeca ProX™ GO** is a stylish handheld intraoral X-ray device, which offers timesaving chairside efficiency to both traditional clinics and radiology rooms as well as mobile dental clinics, in emergency dental situations, and nursing homes.*

Effortless handheld imaging

Planmeca ProX™ GO combines usability with high image quality. The fixed 70 kV and 3 mA tube and 0.3 mm focal spot offer quality images for easy diagnostics and decision-making, while the unit's intuitive user interface and well-balanced design make the device straightforward to use, hold, and aim.

Weighing in at just over 2 kg, the device is lightweight and comes with long-lasting battery life, with up to 300 exposures in a single charge. The X-ray unit can also be shared between multiple operatories and is completely installation-free – just turn on the device and GO.

Robust radiation protection

To ensure patient and user protection, the unit features both internal shielding against leakage radiation and an external back scatter shield against scattered radiation.

Planmeca ProSensor® HD

Innovative intraoral sensor

*Our innovative **Planmeca ProSensor® HD** intraoral sensor offers a unique combination of unparalleled image quality, patient-centred design, and usability. The sensor has been designed to last and provides durability that can be counted on.*

Cutting-edge image quality

With a true resolution of over 20 lp/mm, **Planmeca ProSensor® HD** offers real HD image quality. Supporting detailed diagnosis, the advanced imaging sensor with a fibre-optic layer captures sharp, low-noise and high contrast images. The wide dynamic range of the sensor ensures successful results each and every time.

Patient-centred design

To fulfill all intraoral imaging needs, Planmeca ProSensor HD is available in three different sizes. The rounded sensor edges make procedures comfortable for patients, with outstanding images ready in a matter of seconds.

Next-level usability with Planmeca ProX™

The seamless integration of Planmeca ProSensor HD with the **Planmeca ProX™** intraoral X-ray unit ensures convenience and efficiency at every step. The sensor is easy to connect using just one hand.

With Planmeca ProX, the patient dose and exposure parameters can be automatically recorded in Planmeca ProSensor HD images for quality assurance purposes.

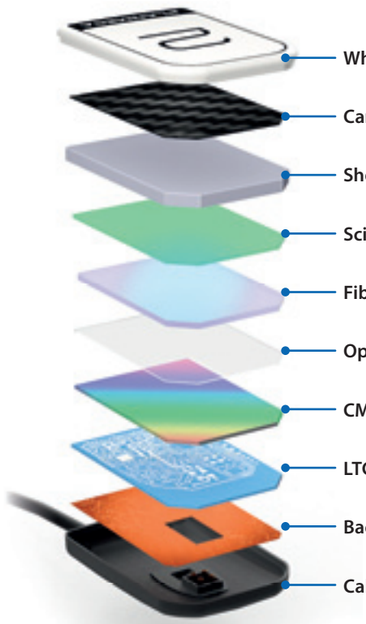
High-end usability

The intraoral sensor's magnetic connector makes it easy to attach, with its white colour enhancing visibility to further ease positioning. The sensor's elegant control box is equipped with a colour-coded LED light that provides instant visual feedback of the imaging procedure, while its hermetically sealed housing ensures effective infection control.

Carefree choice

Intraoral sensors are naturally subject to wear and tear in daily use, but Planmeca ProSensor HD has been built to last. The sensor's carbon fibre plate prevents bite marks, its shock protection layer guards against minor damage, and its strengthened cable further improves durability.

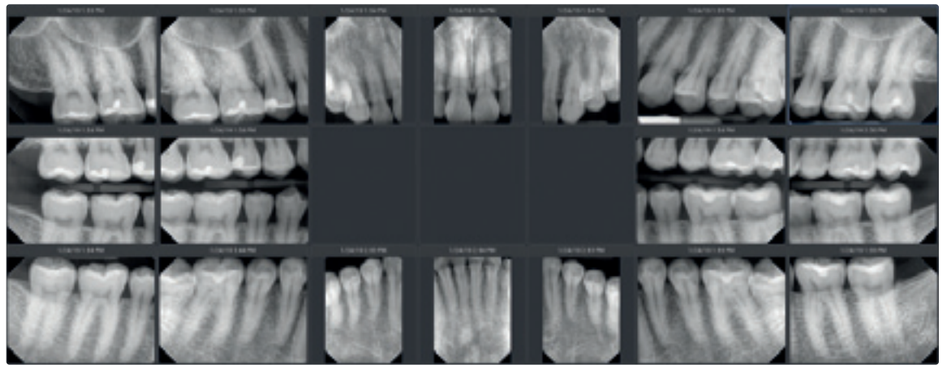
Each layer carefully designed – for perfect results



- **White housing** – enhanced visibility for easier positioning
- **Carbon fibre plate** – protection from bites and other external impacts
- **Shock absorbing layer** – protection against drops and shocks
- **Scintillator** – ensures sharp images with no blurring
- **Fibre optic plate (FOP)** – high signal-to-noise ratio (SNR) and modulation transfer function (MTF)
- **Optical coupling** – perfectly optimised and controlled, for a vivid image throughout the image area
- **CMOS image sensor** – HD class camera
- **LTCC electronics** – a robust sensor
- **Back scattering shield** – reliable patient protection and sharper images
- **Cable** – premium durability with Kevlar coating and only two wires

Planmeca ProSensor® HD in a nutshell

- True resolution of over 20 lp/mm
- Sharp and low-noise images with high contrast
- Wide dynamic range
- Three sensor sizes with rounded edges
- Magnetic connector for ease of use
- Colour-coded LED light on control box for instant visual feedback
- Integration with the Planmeca ProX intraoral X-ray unit
- Automatic image parameter recording with Planmeca ProX
- Fully compatible with Windows and Mac
- Ethernet and USB versions available
- Five-year warranty program – two years upon registering the product with the opportunity to purchase three additional years



Planmeca ProScanner® 2.0

User-friendly and reliable imaging plate scanner

*Our **Planmeca ProScanner® 2.0** imaging plate scanner is a high-quality option for fast and dependable intraoral imaging. With intelligent design details and outstanding durability, the scanner supports everyday tasks at a dental clinic – providing reliability that is hard to match.*

Reliable and dependable

Planmeca ProScanner® 2.0 has been designed to be a seamless part of your clinic's workflow. It is a true workhorse imaging plate scanner that is maintenance-free and extremely durable. The compact scanner fits into any room, helping all clinics prevent downtime and ensure maximum efficiency.

Smart imaging plates

Planmeca ProScanner 2.0 utilises RFID technology for fast scanning and identification. The scanner's high-quality plates can be used numerous times and the integrated eraser instantly prepares them for further imaging. The smart and durable imaging plates are very comfortable for patients and available in the most common sizes – 0, 1, and 2.

Easy and safe to use

Planmeca ProScanner 2.0 significantly speeds up your intraoral imaging workflow with its fast and super simple scanning process. The user is immediately notified if the wrong side of the plate is accidentally exposed, which helps prevent misguided diagnoses.

Planmeca Romexis® software integration

Each imaging plate is equipped with a digital serial number so you can sort, view, and compare images for quality control, as well as count exposures by using the serial number of each plate in the **Planmeca Romexis®** software.

When **Planmeca ProX™** is connected to Planmeca Romexis, the patient dose and actual exposure parameters from the X-ray unit can be automatically recorded in Planmeca ProScanner 2.0 images for quality assurance purposes.

Key benefits of Planmeca ProScanner® 2.0

- Maintenance-free imaging plate scanner designed for active use
- Smart and durable imaging plates for enduring comfort
- Accelerated workflow due to a streamlined imaging process
- Automatic image parameter recording with Planmeca ProX

Planmeca Romexis® – one software for all your needs

A'DESIGN AWARD
WINNER 2020
GOLD

*We offer a revolutionary all-in-one software solution for clinics of all sizes. Our unique **Planmeca Romexis®** software supports all types of dental imaging – from 2D and 3D to CAD/CAM – and offers an extensive range of tools for all specialities and specialists. All patient images are available in one easy-to-use user interface and stored in one database. By seamlessly integrating artificial intelligence, Romexis optimises daily tasks and boosts patient communication.*

2D imaging
2D cephalometry
3D imaging
3D cephalometry
3D implantology
AI
CAD/CAM
Ortho simulation
CMF surgery
Smile design

Mac* and Windows compatible

1 Romexis

all-in-one software

*Some features only supported in Windows operating systems.

High-performance 2D imaging

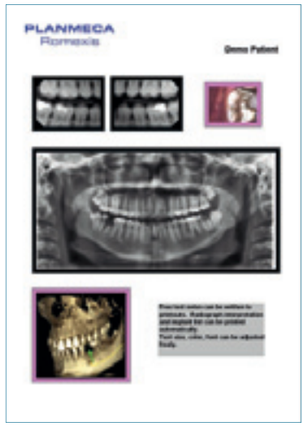
*Our advanced **Planmeca Romexis®** software platform offers the most versatile tools for 2D imaging. Diagnose images using our full range of enhancement tools – or view them wherever you are with our mobile apps. This flexible dental imaging software adapts to your needs and will grow into the third dimension together with your practice.*

Easy and powerful

Planmeca Romexis® is the software of choice for viewing and processing 2D images from Planmeca X-ray units. Powerful enhancement and analysis tools help users in all specialities reach accurate diagnoses, while the intuitive interface guarantees confident and comfortable usability from day one.

Open and compatible

Romexis stores all patient 2D images in one centralised database – from X-ray images to photos and even videos. All images are available in the network immediately and can always be exported in standard formats. Our integration with other systems allows you to freely utilise third-party product at your clinic. TWAIN support and DICOM standard compliance ensure that software can be used with most systems.



Integrated document management

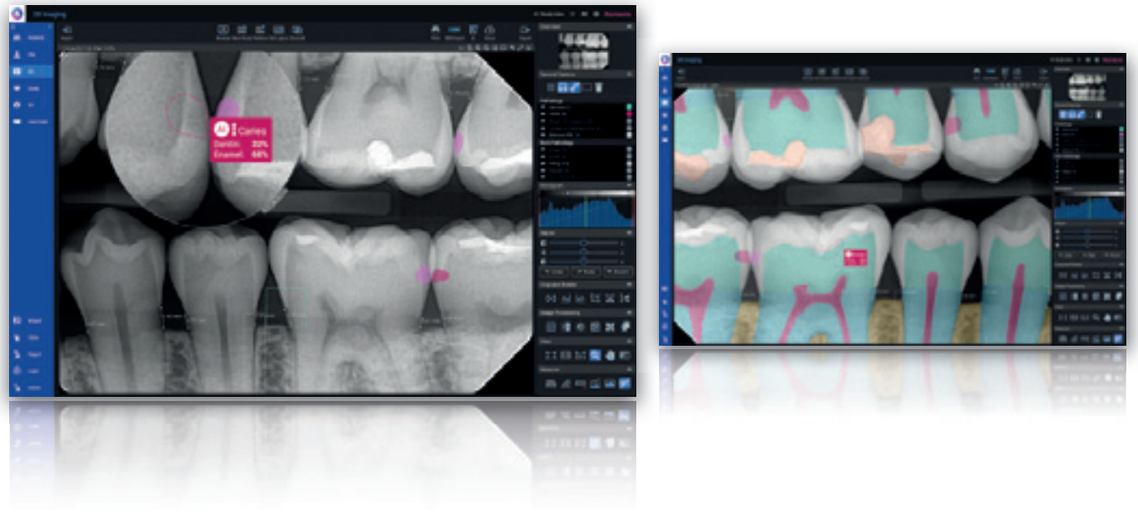
With Romexis, it is easy to create professional, high-quality printouts and radiology reports to be sent to referring dentists – with multi-page support included. Documents of any type can be attached to patient files, ensuring convenient storage for cephalometric tracing reports, referral letters, and other relevant information.

Advanced implant planning

Romexis provides powerful tools for implant planning, including realistic implant models from over 130 manufacturers. You can find the constantly growing list of all the implants included in the implant library at **planmeca.com/Romexisimplantlibrary**.

Seamless AI integration

Second Opinion® is a radiologic detection aid service provided by Pearl Inc. Second Opinion helps to identify suspected pathological dental findings, such as caries, bone loss, calculus, periapical radiolucency and widened periodontal ligaments, as well as several non-pathological findings. The seamless integration with Romexis allows Romexis users to receive AI detections created by the service directly in Romexis, where the detections can be viewed and stored together with the images.



Share images and expertise online

Planmeca Romexis® Cloud *is a secure image transfer service for* ***Planmeca Romexis®*** *users and their partners for sending image and patient data to any specialist, dental lab or patient. You can share images and expertise securely with all partners who use Planmeca Romexis, the free* ***Planmeca Romexis® Viewer,*** *the free* ***Planmeca Romexis® LabApp*** *or the* ***Planmeca mRomexis™*** *mobile tablet application.*

Romexis® Cloud – versatile possibilities for communication

- External applications, DVDs and insecure file transfers are history – images can be sent directly from **Planmeca Romexis®**
- Share images and data with your dental partners and patients
- The Romexis software and **Planmeca Romexis® Cloud** subscriptions are required to send new cases – recipients only need an e-mail account at minimum

Key features

Transfer any type of information

- Images: 2D, 3D, STL
- Referrals and interpretations
- Treatment plans

Flexible sending options enable easy communication with all parties

- From Romexis to Romexis
- From Romexis to Romexis LabApp
- From Romexis to email
  - Optionally include the free Romexis Viewer for the easy viewing of images by anyone
- From Romexis to Planmeca mRomexis

Visit **online.planmeca.com** to subscribe and start sending images now.

IMAGING WORKFLOW

Planmeca equipment owner

- Romexis software
- Romexis Cloud subscription

General practice, specialist, radiologist

- Free Romexis Viewer application or Romexis

CAD/CAM WORKFLOW

General practice

- Romexis software
- Romexis Cloud subscription

Dental lab

- Free Romexis LabApp application

Increased flexibility with Planmeca mRomexis™ tablet application

Use our fast, easy, and light **Planmeca mRomexis™** mobile imaging application to view all your images in the Planmeca Romexis database on a local network, or to carry images with you on your tablet device. You can also use the application to take photos with the tablet camera.

Download the Planmeca mRomexis application for iOS and Android from the **App Store** or **Google Play**.

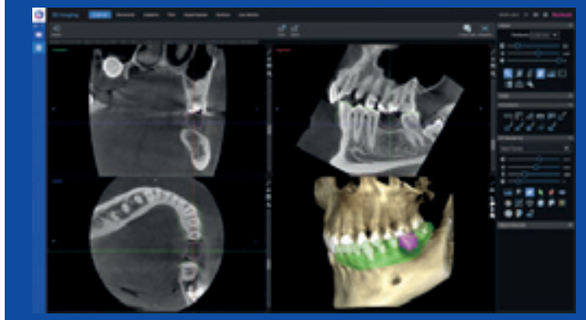
Planmeca mRomexis™

View images with free Romexis® Viewer application

Planmeca Romexis® Viewer is a free application that can be exported and sent together with images from Romexis.

- Full-featured viewer application for 2D and 3D images
- No installation required
- Mac and Windows support
- Distribute to specialists or patients

Visit **planmeca.com/Viewer** for downloading Planmeca Romexis Viewer application.



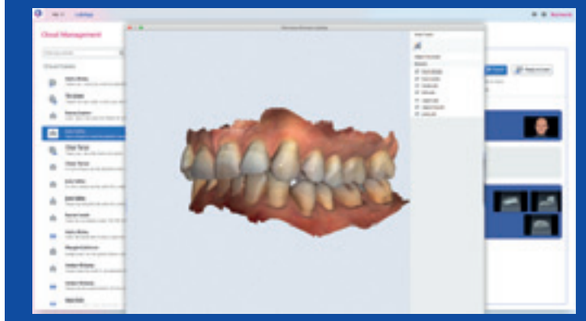
Planmeca Romexis® Viewer

Dental lab communication with free Romexis® LabApp application

Planmeca Romexis® LabApp is a free application designed for dental laboratories to allow easy communication with dental clinics. It is designed especially for receiving intraoral scans but can be used for all types of image data. It uses Romexis Cloud as transfer service providing secure transfer of patient data.

- Receiving STL files, PLY scans, DICOM images, photos and PDF files from Planmeca Romexis users
- Instant viewing of STL and PLY files for checking
- Exporting all case data to a 3rd party dental CAD/CAM system
- Messaging between the lab and the clinic using the built-in case messaging

Visit **online.planmeca.com** for downloading the Planmeca Romexis LabApp application.



Planmeca Romexis® LabApp

Optimised equipment usage with Planmeca Insights™

Take clinic efficiency to the next level with actionable data and intelligence from your fleet of Planmeca equipment. From single devices to multi-site group practices, ***Planmeca Insights™*** *offers real-time information about device states, usage, and maintenance needs.*

Better planning, training, and decision-making

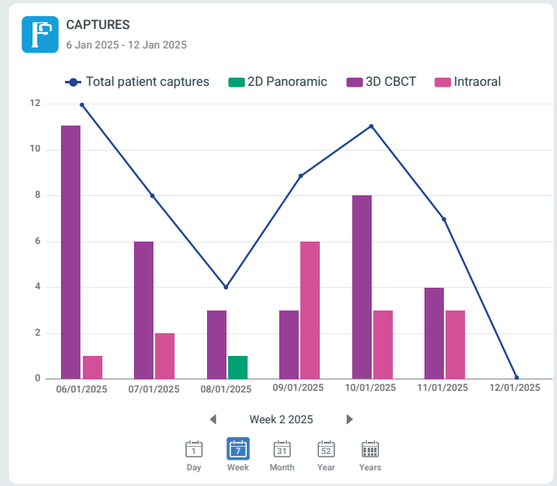
Extensive device data can be used to confirm that your valuable equipment is maintained correctly and in line with agreed practice. Additionally, detailed usage information offers insight into how and when devices are being used for more informed decision-making. Device-specific cleaning protocols can be monitored through the platform. Data can also be compared across multiple locations for improved clinic management and optimised workflows.

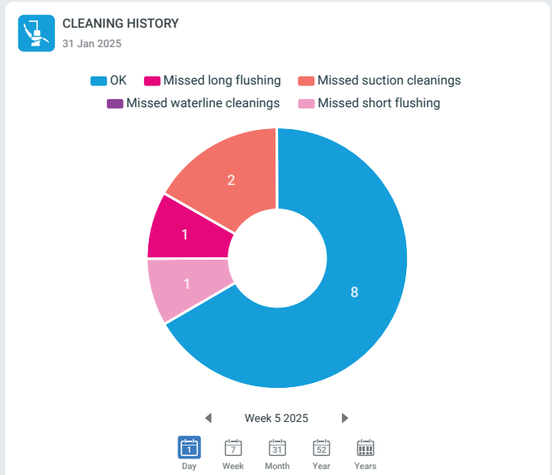
Minimise device downtime

Automated messages on device states or issues encountered can be programmed to notify the right people, such as maintenance personnel. Individual device data can be used to optimise maintenance times and address problems – even before they happen. When necessary, device logs can be used for more detailed analysis of device operation.

Planmeca Insights™ supports Planmeca devices comprehensively, including all **Planmeca Viso®**, **Planmeca ProMax®**, and **Planmeca ProOne®** imaging units as well as the **Planmeca ProX™** and **Planmeca ProSensor® HD** X-ray devices. Use Planmeca Insights to e.g.:

- See current device states and activity
- Access summaries and drill down on help and error messages
- Examine imaging workflows or view usage summaries from specific time periods
- Download log files for individual devices
- Examine imaging parameters and dosage information for specific imaging sessions





Technical specifications
Planmeca Viso®, Planmeca ProMax®, Planmeca ProOne®

Technical data

	Viso 2D Classic/Pro	ProMax 2D S2/S3	ProOne
Focal spot size	0.5 x 0.5 mm (IEC 336)	0.5 x 0.5 mm (IEC 336)	0.5 x 0.5 mm (IEC 336)
Image detector	Frame-based	TDI-based	TDI-based
Anode voltage	60–84 kV	60–84 kV	60–70 kV
Anode current	1–16 mA	1–16 mA	2–7 mA DC
Exposure time	Pan: 2.7–16 s ProCeph A: 0.1–0.8 s	Pan: 2.7–16 s Scanning ceph: 6.7–10.5 s ProCeph: 0.1–0.8 s	2–10 s
	Planmeca Oy Planmeca Viso 2D Classic pending CE mark approval Planmeca Viso 2D Pro pending CE mark approval	Planmeca Oy CE 0598 MD Planmeca ProMax	Planmeca Oy CE 0598 MD Planmeca ProOne

Comparison

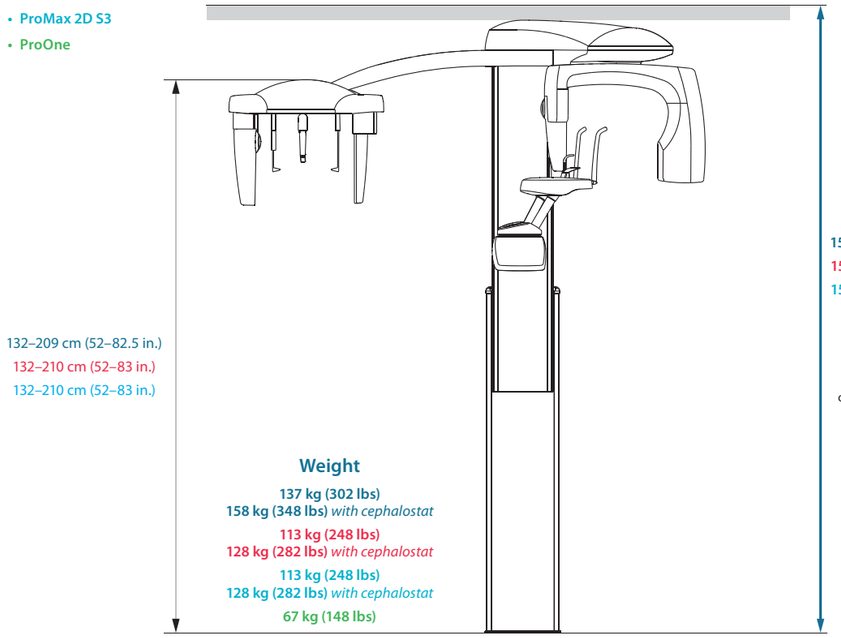
	Viso 2D Classic	Viso 2D Pro	ProMax 2D S2	ProMax 2D S3	ProOne
Panoramic imaging	Yes	Yes	Yes	Yes	Yes
Bitewing imaging	Yes	-	Yes	-	Yes
True bitewing imaging	-	Yes	-	Yes	-
TMJ imaging	Yes	Yes	Yes	Yes	Yes
Sinus imaging	Yes	Yes	Yes	Yes	Yes
Horizontal and vertical segmenting for panoramic program	Yes	Yes	Yes	Yes	-
One-shot cephalostat	Yes	Yes	-	Yes	-
Scanning cephalostat	-	-	Yes	Yes	-
Child (Paediatric) mode	Yes	Yes	Yes	Yes	Yes
Autofocus	-	Yes	-	Yes	Yes
SmartPan	Yes	Yes	-	-	-
3D upgradeability	-	Yes	-	Yes	-

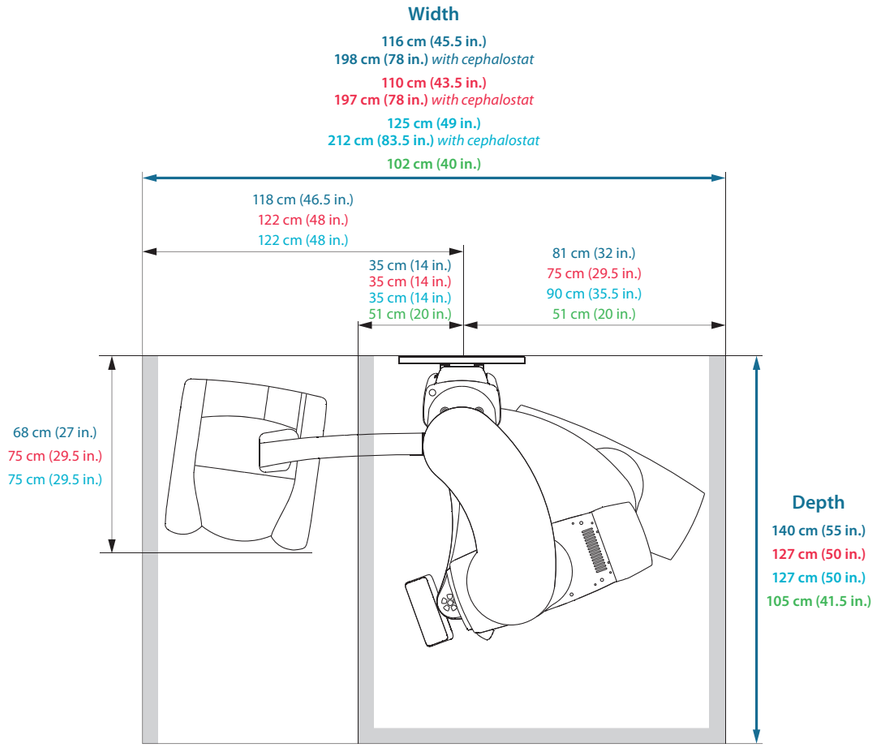
Stand out with colour

Complement the design of your **Planmeca ProMax®** X-ray unit by giving it a personal touch with your favourite colour.

Recommended space requirements

- Viso 2D Classic/Pro
- ProMax 2D S2
- ProMax 2D S3
- ProOne





Planmeca ProX™

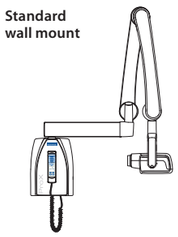
Technical data

	Planmeca ProX
Generator	Constant potential, microprocessor controlled, operating frequency 66 kHz
X-ray tube	Toshiba D-041SB
Focal spot size	0.4 mm according to IEC 60336
Cone diameter	60 mm (2.36 in.) Rectangular 36 x 45 mm (1.42 x 1.77 in.)
Max. symmetrical radiation field	Ø60 mm at SSD 200 mm Ø60 mm at SSD 300 mm according to IEC 806
Total filtration	min. 2.5 mm Al equivalent at 70 kV according to IEC 60522
Inherent filtration	1 mm Al equivalent at 70 kV according to IEC 60522
Anode voltage	60, 63, 66, 70 kV
Anode current	8, 7, 6, 5, 4, 3, 2 mA
Exposure times	0.01–2 sec., 24 steps
SSD (Source-Skin Distance) Standard/Long	200 mm (8 in.)/300 mm (12 in.)
Mains voltage	100 V~/110-115 V~/220-240 V~, 50/60 Hz
Duty cycle	1:13.5
Electrical classification	Class I Type B
Weight	total 29 kg (64 lbs) tube head with standard cone 4.2 kg (9.3 lbs) tube head with long cone 4.5 kg (10 lbs)
Colour	White (RAL 9016)

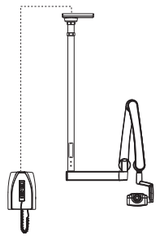
Planmeca Oy
CE 0598 MD Planmeca ProX

Installation options

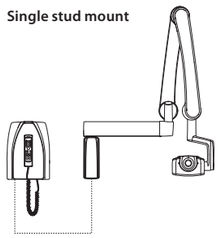
Standard wall mount



Ceiling mount



Single stud mount

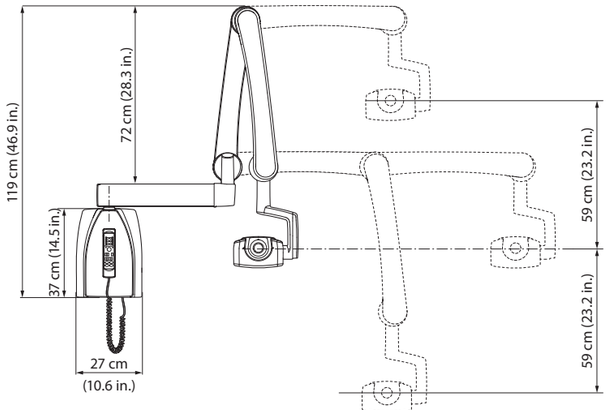


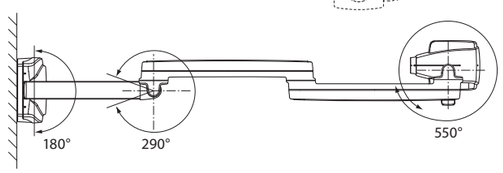
Dental unit mount

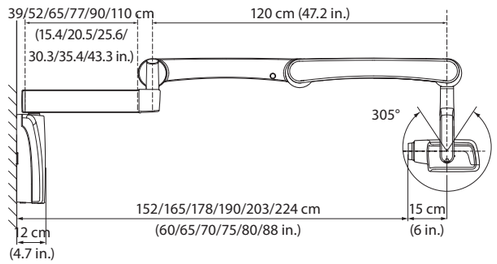
Mobile stand

Floor column

Dimensions







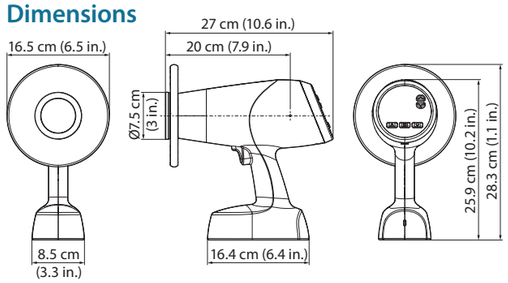
Planmeca ProX™ GO

Technical data

	Planmeca ProX™ GO
Tube voltage	70 kV (fixed)
Tube current	3 mA (fixed)
Exposure time	0.02–0.5 s
X-ray tube	OX/70-3 (C.E.I)
Focal spot	0.3 mm
Duty cycle	1:60
SSD (Source-Skin Distance)	200 mm (8 in.)
Cone diameter	Ø 60 mm at SID 200 mm, rectangular 20 x 30 mm or 30 x 40 mm
Total filtration	1.5 mm Al
Weight	2.18 kg (4.81 lbs)
Battery type	Li-polymer
Battery capacity	300 exposures with full charge

Ecotron Co., Ltd.
Planmeca ProX GO is not commercially available for sale in Europe

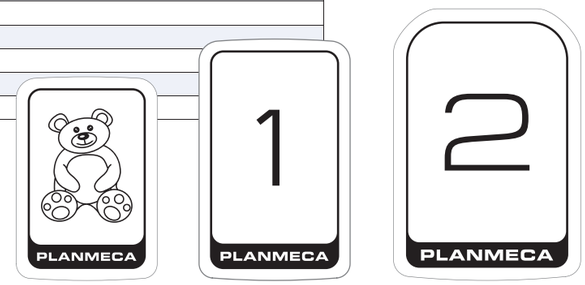
Dimensions



Planmeca ProSensor® HD

	Size 0	Size 1	Size 2
Sensor size	33.6 x 23.4 mm (1.33 x 0.92 in.)	39.7 x 25.1 mm (1.56 x 0.99 in.)	44.1 x 30.4 mm (1.76 x 1.2 in.)
Active area	25.5 x 18.9 mm (1.0 x 0.74 in.)	30.6 x 20.7 mm (1.20 x 0.81 in.)	36 x 26.1 mm (1.42 x 1.03 in.)
Number of pixels, normal	850 x 629 px	1020 x 690 px	1200 x 870 px
Number of pixels, high	1700 x 1258 px	2040 x 1380 px	2400 x 1740 px
Pixel size, normal	30 µm x 30 µm		
Pixel size, high	15 µm x 15 µm		
Theoretical resolution	33 lp/mm		
Resolution, normal	17 lp/mm		
Resolution, high	>20 lp/mm		
Interface	USB or Ethernet		
View delay	<5 sec.		

Planmeca Oy
CE 0598 MD Planmeca ProSensor HD



Planmeca ProScanner® 2.0

	Size 0	Size 1	Size 2
Imaging plate size	35 x 22 mm (1.38 x 0.87 in.)	40 x 24 mm (1.57 x 0.94 in.)	41 x 31 mm (1.61 x 1.22 in.)
Pixel size	30 µm		
True resolution	12 lp/mm		
Theoretical resolution	16.7 lp/mm		
Bits per pixel / Gray scale	16 bit / 65538		
Weight	4 kg (8.8 lbs)		
Dimensions (H x W x D)	231 x 167 x 216 mm (9.1 x 6.6 x 8.5 in.)		
Connection	Ethernet RJ45		
Operating voltage	100–240 VAC, 50/60 Hz		
Interfaces	Network		
Eraser	Embedded		

DÜRR DENTAL SE
CE MD Planmeca ProScanner 2.0

Planmeca Romexis® imaging software

See Romexis specifications and compatibility:
planmeca.com/software/specifications

Planmeca Oy
CE 0598 MD Planmeca Romexis

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Planmeca Oy designs and manufactures a full line of industry-leading dental equipment, including 3D and 2D imaging devices, CAD/CAM solutions, dental care units and software. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to better care through innovation, and it is the largest privately held company in the field.

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PLANMECA

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