

A COMPLETE SOLUTION FOR DIGITAL DENTISTRY



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Better care through innovation



An introduction from our President

"It's my pleasure to introduce you to our revolutionary all-in-one concept. We offer dental clinics a completely digital solution, including digital dental units, 2D and 3D imaging devices, software, and CAD/CAM solutions. All our devices are seamlessly integrated with our **Planmeca Romexis®** software platform, which brings unforeseen possibilities for diagnostics, treatment planning, and delivering exceptional patient care.

Dentistry will be completely digital in the future, and the possibilities introduced by 3D technology will transform the entire field. Our CAD/CAM solutions together with our advanced 3D combinations offer a new and innovative way to take your clinic to a high-tech level.

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 in Finland – ensuring exceptional quality and unmatched attention to detail at every stage of the process.

As a privately owned company, we are in control of our own destiny and able to make the long term R&D commitments that are the driving force behind our innovations. I firmly believe that this dedication to continuous development enables us to offer the most inspiring working environment for dental professionals worldwide."

Heikki Kyösti

President and founder

Planmeca Group



C € 0598 Planmeca Romexis
 C € 0598 Planmeca Viso G7
 C € 0598 Planmeca Viso G5
 Planmeca Viso G3 is a configuration of Planmeca Viso G5
 C € 0598 Planmeca Viso G1
 C € 0598 Planmeca Viso 2D Classic
 C € 0598 Planmeca Viso 2D Pro
 C € 0598 Planmeca ProMax 3D Mid
 C € 0598 Planmeca ProMax 3D Plus

C € 0598 Planmeca ProMax 3D
 C € 0598 Planmeca ProMax
 C € 0598 Planmeca ProOne
 C € 0598 Planmeca ProX
 C € 0598 Planmeca ProSensor HD
 C € Planmeca Onyx
 C € Planmeca Imprex
 C € Planmeca PlanMill 35
 C € Planmeca Creo X

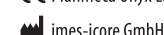
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 C € 0598 Planmeca Compact i
 C € Planmeca Solanna
 C € Planmeca Lumo
 C € Planmeca Olo



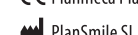
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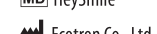
C € Planmeca Onyx Lab



C € Planmeca PlanMill 60 S



HeySmile



Planmeca ProX GO pending CE mark approval

An intelligent all-in-one solution

Planmeca provides a complete solution for digital dentistry, designed for an efficient workflow and better patient care. All Planmeca dental units, imaging devices, software and CAD/CAM solutions are seamlessly integrated to a complete all-in-one solution, allowing dental clinics around the world to benefit from sophisticated technology, unforeseen efficiency and the smoothest digital workflows in dentistry – today and in the future.

All devices and software from a single source

Planmeca provides your clinic with everything you need – from world-leading dental care and imaging units to innovative CAD/CAM and software solutions. All our devices and software are seamlessly integrated and designed for exceptional ease of use, offering dental clinics a smooth and effortless transition to the world of digital dentistry.



3D imaging – high image quality at an optimal patient dose

When you need detailed information, CBCT imaging is the best way to see it all, giving a complete view of the pathology of interest. Discover our innovative range of 3D imaging units and enjoy the benefits of optimised workflows combined with high image quality – always at an optimal patient dose.



Which one is right for you

Planmeca Viso® G1

Take your clinic to the next level and go 3D with **Planmeca Viso® G1**, with top-of-the-line CBCT imaging technology covering volume sizes up to 11 x 11 cm.

Planmeca Viso® G3

Planmeca Viso® G3 is a truly multifunctional CBCT imaging device which offers premium imaging of the whole dentition. It comes with the full benefits of Viso technology, from innovative patient positioning to fantastic usability.

Planmeca Viso® G5

Planmeca Viso® G5 enables imaging beyond the dentition with its range of ENT programs. A wide selection of volume sizes and outstanding usability offer even more flexibility for a variety of imaging needs.

Planmeca Viso® G7

A state-of-the-art CBCT unit that perfectly meets all the needs and requirements of extraoral imaging – offering freely adjustable volume sizes from 3 x 3 to 30 x 30 cm.

Planmeca ProMax® 3D Classic

The imaging sensor of **Planmeca ProMax® 3D Classic** covers the whole dentition and gives a clear view of the mandible and maxilla.

Planmeca ProMax® 3D Plus

Planmeca ProMax® 3D Plus offers a wide variety of volume sizes and is a great choice for any imaging needs.

Planmeca ProMax® 3D Mid

Thanks to its wide selection of volume sizes, **Planmeca ProMax® 3D Mid** easily handles a range of diagnostic tasks with no compromises in best practices.

Planmeca Viso® 3D

The next generation has arrived

Planmeca Viso® is an ideal combination of premium image quality and high-end usability. It possesses all the qualities of a world-class CBCT unit – and more. The unit is an impressive step forward in the evolution of cone beam imaging and fulfils all extraoral imaging needs from dental to demanding maxillofacial imaging in all clinical environments, be they private clinics or large hospitals.

Four powerful imaging units

The **Planmeca Viso®** 3D family includes four models – all offering exceptional image quality, numerous cutting-edge features, and premium usability. The units are capable of three-dimensional imaging as well as panoramic, extraoral bitewing, and cephalometric imaging. The next generation of CBCT imaging is here in full force.



Planmeca Viso® G1



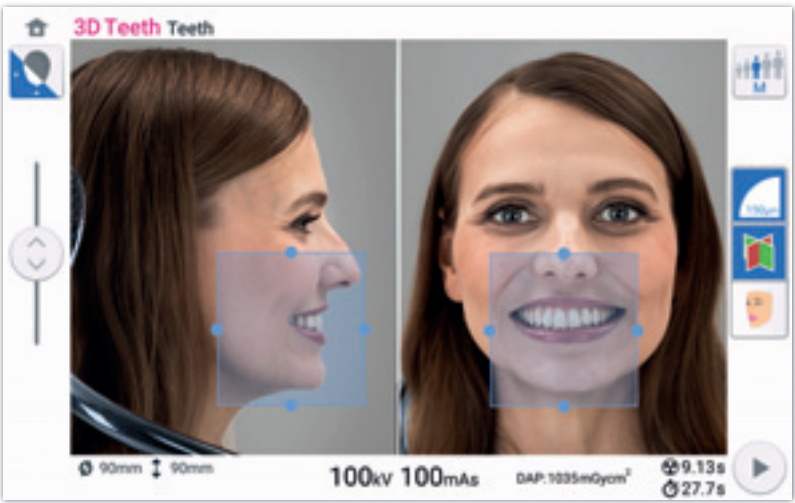
Planmeca Viso® G3



Planmeca Viso® G5



Planmeca Viso® G7



Live virtual FOV positioning

Patient positioning is done directly from the CBCT unit's control panel using integrated cameras and a live patient view. Adjust the size and location of the FOV freely with just the tip of your fingers.

Freely adjustable volume

Planmeca Viso® offers a wide selection of volumes to cover all clinical needs – from single tooth to full skull imaging. The volume size can be adjusted freely. The unit's remarkable 3D sensor is also fully capable of 2D imaging.

Integrated face photo for improved patient communication

Planmeca Viso enables capturing highly detailed **Planmeca ProFace®** facial photos. It is a unique way of producing a realistic 3D face photo and a CBCT image in a single session. The 3D face photo can also be created separately, without exposing the patient to any radiation.

Intelligent patient support

The unit's occipital support provides stability without compromising patient comfort.



The size and location of the FOV can be further optimised in the scout view.

	G1	G3	G5	G7
Maximum volume with a single scan	Ø11 x 11 cm	Ø20 x 10 cm	Ø20 x 10 cm	Ø30 x 20 cm
Maximum volume with multiple vertical scans			Ø20 x 17 cm	Ø30 x 30 cm
Planmeca Ultra Low Dose™ imaging	✓	✓	✓	✓
Planmeca CALM® motion artefact correction	✓	✓	✓	✓
Tube voltage 120 kV		✓	✓	✓
Endodontic mode	✓	✓	✓	✓
3D dental programs	✓	✓	✓	✓
3D ENT programs		✓	✓	✓
3D face photo		✓	✓	✓
2D panoramic imaging	✓	✓	✓	✓
Cephalometric imaging, one-shot	✓	✓	✓	✓
Live virtual patient positioning		✓	✓	✓
Rear head support		✓	✓	✓



Planmeca ProMax[®] 3D

Reliable 3D imaging for your clinical needs

Planmeca ProMax[®] 3D imaging units support three different types of 3D dental imaging, as well as panoramic, extraoral bitewing, and cephalometric imaging. Take advantage of all the benefits of high 3D image quality – always at an optimal patient dose.



Planmeca ProMax[®]
3D Classic



Planmeca ProMax[®]
3D Plus



Planmeca ProMax[®]
3D Mid

	3D Classic	3D Plus	3D Mid
Maximum volume with a single scan	Ø8 x 8 cm	Ø20 x 10 cm	Ø20 x 10 cm
Extended volume with a single scan	Ø11 x 8 cm		
Maximum volume with multiple horizontal scans	15 x 10 x 8 cm		
Maximum volume with multiple vertical scans			Ø20 x 17 cm
Planmeca Ultra Low Dose™ imaging	✓	✓	✓
Tube voltage option 120 kV		✓	✓
Endodontic mode	✓	✓	✓
3D dental programs	✓	✓	✓
3D ENT programs		✓	✓
3D face photo	✓	✓	✓
3D model scan	✓	✓	✓
SureSmile certification	✓	✓	✓
2D panoramic imaging	✓	✓	✓
Cephalometric imaging, scanning	✓	✓	✓
Cephalometric imaging, one-shot	✓	✓	✓

Ease of operation

Our intuitive patient positioning and imaging protocols ensure smooth and fast imaging workflows.

Improved patient comfort

The open-face architecture of our imaging units offers both effortless positioning and an unrestricted view of the patient. At the same time, it allows the patient to feel comfortable without feeling closed-in while also accommodating wheelchair access through side entry.



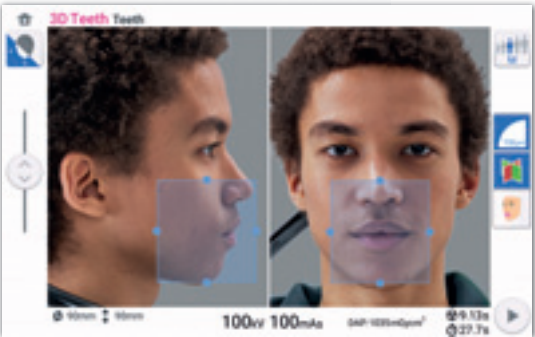
Intuitive use

The clear and straightforward graphical user interface guides you through the imaging process, while the ready-made imaging protocols save more time for your patients. For an even faster workflow, the control panel can also be operated remotely from the imaging workstation.



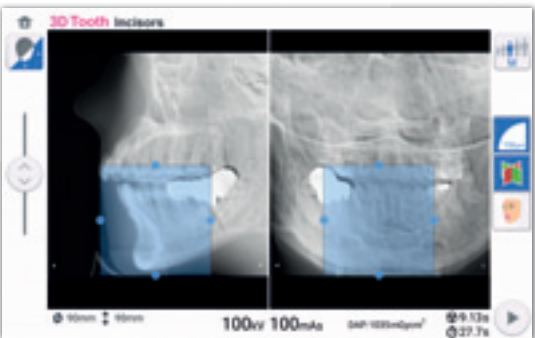
Free 3D volume positioning

The 3D volume can be positioned freely and accurately for maximum flexibility.



Successful imaging every time

All our imaging units support taking scout images for perfect positioning to ensure successful imaging every time.



2D and 3D imaging with one sensor

There is no need to change sensors when alternating between CBCT and panoramic imaging. Our advanced SmartPan™ imaging system uses the same 3D sensor to acquire 2D images. Together with our intelligent pre-processing algorithms, they make the ideal solution for daily panoramic imaging.



Intelligent solutions for the best image quality

Our intelligent high-tech solutions and algorithms guarantee an ideal imaging geometry, perfect usability, and crystal-clear images free from noise and artefacts.

Flexible volume positioning

Our future-proof imaging platform is designed so that it can freely produce any movement pattern needed for optimal imaging results. This enables accurate and reliable volume positioning as well as volume diameter adjustment, reducing patient exposure to radiation.

Ready-made imaging protocols

For your convenience, our imaging units offer ready-made imaging protocols for different diagnostic tasks. When necessary, you can easily adjust any parameter to your imaging needs.

Optimised contrast for all patient images

The 120 kV tube voltage enables optimised image quality for even the most challenging areas of interest – reducing artefacts and ensuring better contrast images.

Detailed endodontic imaging

All our CBCT imaging units support examining the finest anatomical details. The endodontic imaging mode allows capturing images with an extremely high resolution, with the 75 µm voxel size being perfect for visualising small details.

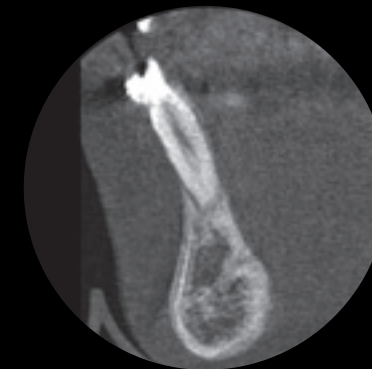


Never miss a shot with Planmeca CBCT units

Movement, metal artefacts, and small voxel sizes are generally recognised as challenges to CBCT image quality. The advanced image enhancement options of Planmeca CBCT units enable you to rise above these concerns and succeed every time. These options can be either selected preventively before imaging or utilised afterwards for reliable results. The choice is yours!

Patient movement correction with Planmeca CALM®

- Iterative movement correction algorithm
- Eliminates the need for retakes
- Cancels the effects of patient movement
- Excellent when imaging livelier patients



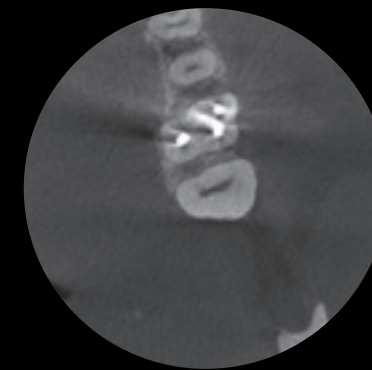
Without movement artefact correction



With the Planmeca CALM® movement removal algorithm

Adjustable artefact reduction with Planmeca ARA™

- Reliable algorithm for artefact removal
- Removes shadows and streaks caused by metal restorations and root fillings
- Easy to adjust before or after imaging
- Low-medium-high setting enables tailoring to each individual patient case
- Tried and tested – result of extensive scientific research



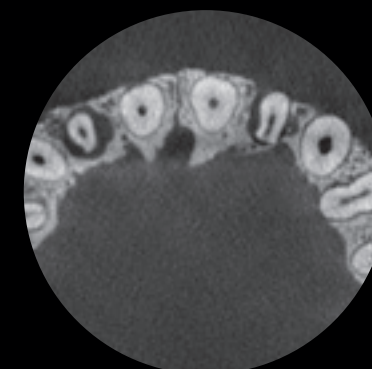
Without artefact removal



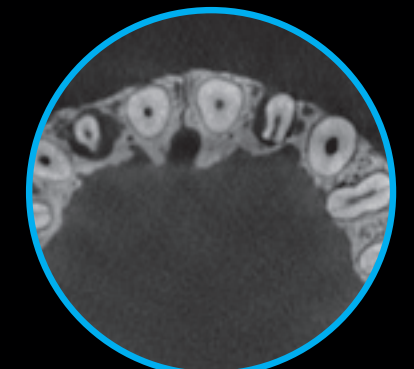
With the Planmeca ARA™ artefact removal algorithm

Noise removal with Planmeca AINO™

- Reduces noise in images while preserving important details
- Allows lower exposure values by reducing noise
- Improves image quality when using small voxel sizes (e.g. in the endodontic imaging mode)
- Enabled by default when using the Planmeca Ultra Low Dose™ imaging protocol



Without noise removal



With the Planmeca AINO™ noise filter

Proven low dose imaging

Our 3D X-ray units offer a unique **Planmeca Ultra Low Dose™** imaging protocol that enables CBCT imaging with an even lower patient radiation dose than standard 2D panoramic imaging.



Remarkably lower patient doses

The **Planmeca Ultra Low Dose™** (ULD) protocol decreases the exposure values and thus the patient dose at the same time as Planmeca's other intelligent 3D imaging algorithms maintain the image quality at a diagnostically acceptable level – all to achieve the optimal balance between image quality and patient dose.

Our ULD protocol allows achieving up to six times lower effective doses compared to standard protocols.*

Scientifically proven

Planmeca ULD helps clinicians adhere to the ALADA (As Low As Diagnostically Acceptable) principle in their practice and is ideal for a wide range of clinical cases, from implant planning to orthodontics. But don't just take our word for it – the use of Planmeca ULD and its benefits have been studied and scientifically proven in a number of scientific studies.

planmeca.com/ULD-studies



*Charuakkra, A., Mahasantiya, P., Lehtinen, A., Koivisto, J., Järnstedt, J. (2022). Comparison of subjective image analysis and effective dose between low-dose cone-beam computed tomography machines. Dentomaxillofacial Radiology. <https://doi.org/10.1259/dmfr.20220176>

The Planmeca Ultra Low Dose™ protocol has changed 3D imaging completely

We at MESANTIS® 3D DENTAL-RADIOLOGICUM produce about 7,500 CBCT images per year at eight locations in Germany.

Our main concern in X-ray imaging is how to reduce the radiation dose as much as is reasonably achievable (ALARA principle). Traditional digital 2D X-rays at an orthodontist's clinic usually have an effective dose ranging between 26–35 µSv (ICRP 2007). Conventional CBCT images of the head with modern CBCT equipment have an effective dose ranging between 49–90 µSv.

One imaging protocol with a specific associated algorithm is called the **Planmeca Ultra Low Dose™** protocol. In medical terms, it allows radiologists to adjust imaging parameters individually according to the clinical needs of each case. The mA-values, in particular, can be individually adjusted and

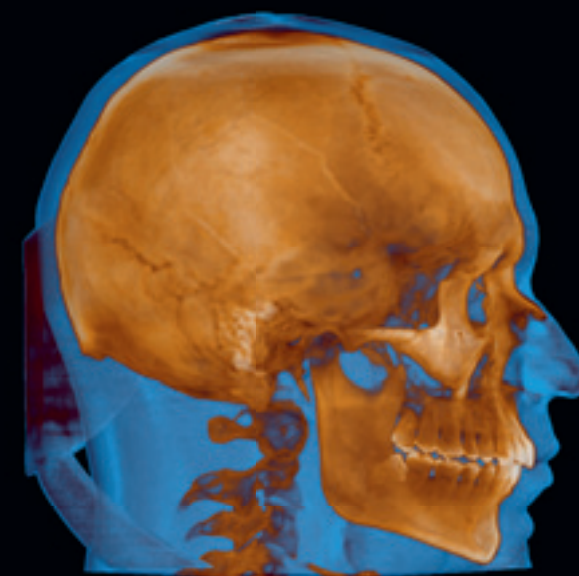
reduced for each patient, as required by all international scientific guidelines. Therefore, it is possible to significantly reduce the effective dose even further with the Planmeca Ultra Low Dose protocol. Depending on the field of view, nowadays CBCT equipment with the Planmeca Ultra Low Dose algorithm has an effective dose between 4–22 or 10–36 µSv.

Our patients and referring colleagues are always happy to hear that the effective dose for certain indications is now even lower than in traditional 2D X-ray imaging. We have been able to replace the common CBCT protocols with the Planmeca Ultra Low Dose protocol.

Prof. Dr. Axel Bumann

Prof. Dr. Bumann declares that he has not received any financial reward or other benefit for this interview.

Prof. Dr. Axel Bumann
DDS, PhD, Orthodontist,
Oral Surgeon, Oral and
Maxillofacial Radiology



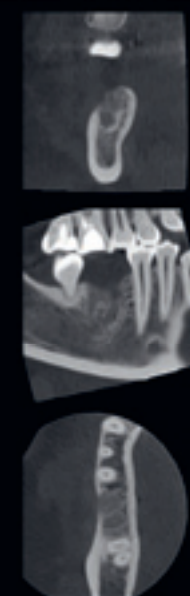
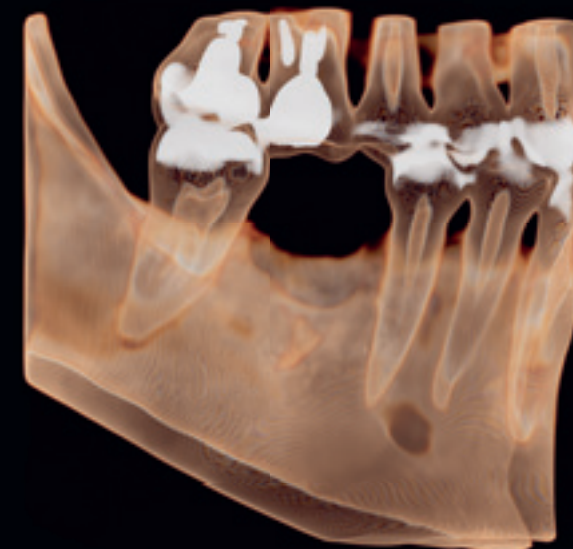
FOV Ø26 x 30 cm
Voxel size 300 µm

Effective patient dose 82 µSv



FOV Ø8 x 7 cm
Voxel size 150 µm

Effective patient dose 40 µSv



FOV Ø5 x 5 cm
Voxel size 300 µm

Effective patient dose 15 µSv

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. From flexible patient positioning to high image quality, these imaging units represent 2D imaging at its finest.



Planmeca Viso® 2D

Planmeca ProOne®



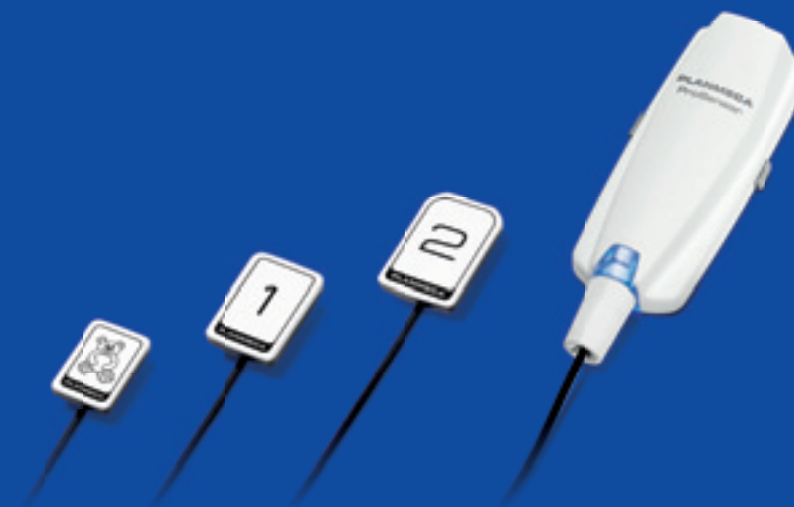
Planmeca ProMax® 2D



Planmeca ProX™



Planmeca ProX™ GO



Planmeca ProSensor® HD



Planmeca ProScanner® 2.0

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

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		✓

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	✓

Intraoral imaging

Our premium **Planmeca ProX™** intraoral X-ray unit and advanced sensor system **Planmeca ProSensor® HD** combine perfectly to meet your intraoral imaging needs. The integrated system guarantees a smooth imaging workflow, while the smart design features make it effortless to use. Our full-featured **Planmeca ProScanner® 2.0** imaging plate scanner offers top-quality images and a fast scanning process to support your everyday tasks. For a still more agile imaging experience, choose the **Planmeca ProX™ GO** handheld X-ray device.

Planmeca ProX™

Flexible intraoral X-ray unit

The **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.

- 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



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.

- High image quality – fixed 70 kV and 3 mA tube and 0.3 mm focal spot
- Intuitive user interface and well-balanced design make the device straightforward to use, hold, and aim.
- Lightweight – weighs just 2.05 kg
- Long-lasting battery life with up to 300 exposures in a single charge
- Robust radiation protection with both internal shielding and an external back scatter shield
- Installation-free – just turn on and GO



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.

- 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.
- 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



Complete solution for CAD/CAM dentistry

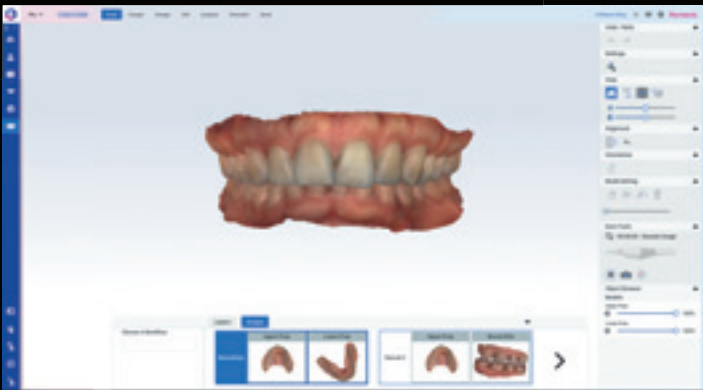
Planmeca offers a comprehensive selection of high-end CAD/CAM solutions for the various needs of dental practices and laboratories. Different clinical workflows are conveniently carried out from start to finish with our top-quality CAD/CAM devices and software. The choice is yours!

PULSE SCAN
DESIGN
CREATE

Take your digital workflows to the next level with **Planmeca PULSE™** – the heart of digital dentistry. PULSE stands for Precision, Usability, Liberty, Speed, and Ecosystem – the five core strengths of Planmeca’s CAD/CAM solutions. These elements help you achieve smooth digital workflows, deliver exceptional patient outcomes, and boost productivity and profitability in any clinical setup.



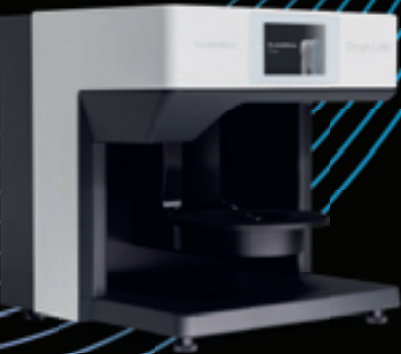
Intraoral scanner
Planmeca Onyx™



**Software for the complete
chairside workflow**
Planmeca Romexis® CAD/CAM



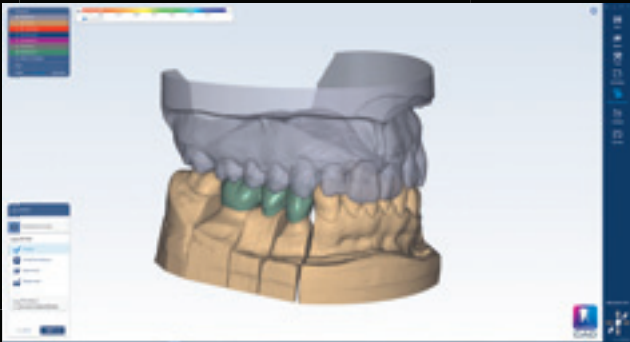
Chairside milling unit
Planmeca PlanMill® 35



Desktop scanner
Planmeca Onyx™ Lab



Mobile scanning station
Planmeca Imprex™



**Advanced restoration design
software**
Planmeca PlanCAD® Premium



3D printer
Planmeca Creo® X



Laboratory milling unit
Planmeca PlanMill® 60 S



Easy-to-use dental scanning solutions

We offer a complete range of dental scanning solutions for capturing digital impressions – intuitive intraoral scanners for chairside use and reliable desktop 3D model scanner for dental laboratories and technicians. Whatever your workflow, we offer the right tools to support efficient digital dentistry, streamline your workflows, and enhance accuracy.

Planmeca Onyx™

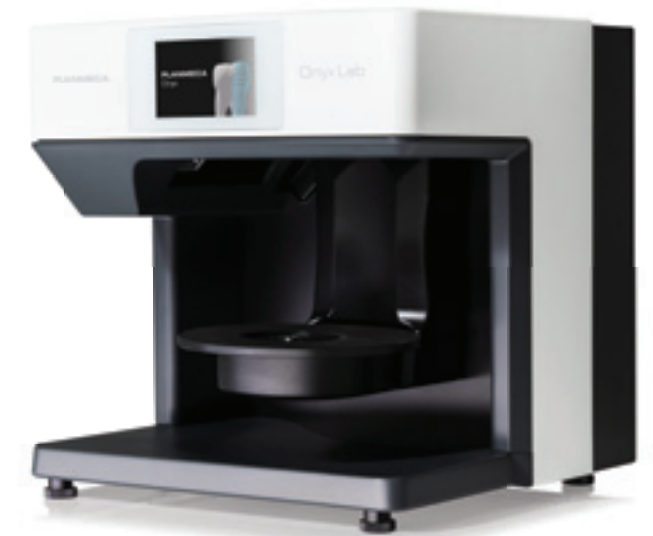
Planmeca Onyx™ is a reliable intraoral scanner for capturing digital impressions with exceptional precision and minimal effort. Its advanced optical design and LED light source deliver fast, accurate results across all dental indications. The scanner offers wireless or wired operation, ensuring uninterrupted workflows in any clinical environment from single-chair practices to multi-room clinics, dental schools, and clinic chains.

Connect Planmeca Onyx with Planmeca Imprex™ mobile scanning station for optimal ergonomics!



Planmeca Onyx™ Lab

Planmeca Onyx™ Lab desktop scanner transforms gypsum models and impressions into digital form quickly and effortlessly. Designed to meet the demanding needs of dental laboratories and technicians, the scanner captures digital impressions with precision, ensuring an optimal passive fit for even the most complex restorative cases.



DESIGN

CAD/CAM software for all needs

From simply scanning and analysing digital impressions to carrying out orthodontic simulations or the entire restorative workflow in house, Planmeca's software tools for CAD/CAM dentistry support you every step of the way. Just choose your workflow according to your needs or preferences and let our software take care of the rest.



Match your workflow with Planmeca software

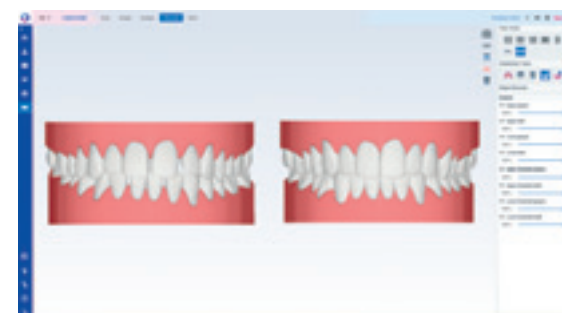
Scan and send

The Planmeca Romexis® CAD/CAM module is a great tool for capturing, analysing, and exporting digital impressions. The easy-to-use software offers a streamlined scan-and-send workflow for dental practices collaborating with dental laboratories and other external partners.



Scan and simulate

Romexis CAD/CAM module includes an AI-powered tool for using intraoral scans to simulate the outcome of clear aligner treatments in a matter of minutes. The realistic 3D simulations offer an outstanding tool for patient communication and education.



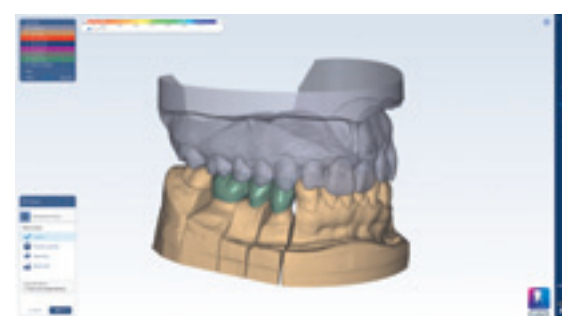
Scan, design, and mill

Romexis CAD/CAM module is an ideal tool for scanning and designing dental restorations directly at a dental practice. The intuitive software allows planning, designing and manufacturing a wide range of prosthetic works chairside, such as crowns to inlays, onlays and veneers.



Design and mill prosthetic works of any kind

Our advanced Planmeca PlanCAD® Premium software supports a full range of indications from crowns and bridges to dentures, removable partials, and wax-ups. It provides a perfect tool for dental technicians and laboratories as well as advanced dental practices for more complex prosthetic cases.



Powerful solutions for dental manufacturing

Select the optimal solution for producing dental restorations from our comprehensive selection of powerful milling units or start manufacturing dental applications in a fraction of the usual time with our high-performance 3D printer. Specifically designed for dentistry, our state-of-the-art CAM systems provide predictable, high-quality results – every time.



Milling units

Planmeca PlanMill® 35

Planmeca PlanMill® 35 is the number one choice for dental practices milling restorations chairside. Equipped with a suction system, the efficient single-spindle mill can be used for dry milling zirconium dioxide and for wet milling a vast range of other materials – offering a true multifunctional solution for dental clinics of all sizes.

Planmeca PlanMill® 60 S

Specifically designed for dental technicians and laboratories, Planmeca PlanMill® 60 S is a high-performance milling unit for fabricating a wide range of applications. Suitable for both wet and dry milling of discs and blocks, the flexible unit achieves predictable results for all clinical findings.



3D printer

Planmeca Creo® X

Add 3D printing to your dental manufacturing capabilities with Planmeca Creo® X, a reliable 3D printer targeted specifically for dentistry. The printer enables producing dental applications, such as surgical guides, dental models and dental restorations, easily and in a fraction of the usual time.

Planmeca Romexis® – one software for all your needs



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

AI always included



*Some features only supported in Windows operating systems.

For all needs and specialities

Planmeca Romexis® is a flexible and powerful software platform, offering a rich selection of intuitive tools and many time-saving features for all needs and specialities. It has been designed to meet the imaging needs of any dental facility – from a small clinic to a large hospital.

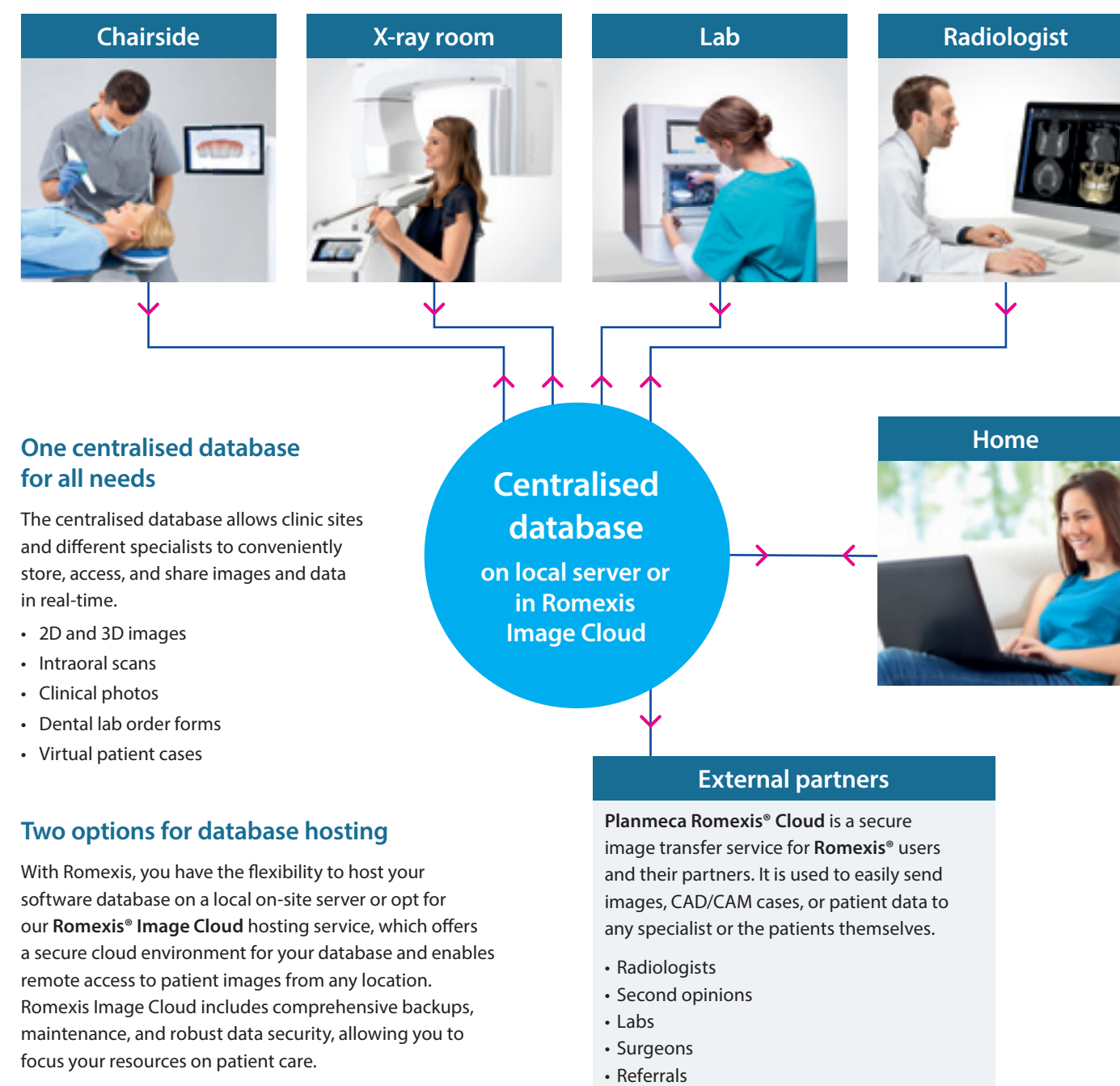


Key benefits

- All-in-one software for 2D and 3D imaging, and CAD/CAM
 - Supports complete workflows from capturing, viewing and storing dental images to diagnosis, analysis, and treatment planning, as well as designing dental restorations and treatment devices (surgical guides, splints etc.)
 - Extensive specialist tools for a wide range of specialties
- Well-proven concept for dental clinics of all sizes from a single-chair clinic to a large hospital or group practice
 - Networked connectivity built around a centralised database
 - Already over 200,000 users around the world
- Modern and user-friendly UI
 - Recognised with Golden A' Design Award
- Open and compatible software platform
 - Supports multiple file formats, such as JPEG, DICOM and STL
 - Integration with practice management and 3rd party software
 - Device-independent dental image archive using the DICOM standard
- Built-in data security
 - Updated regularly with new features and functions

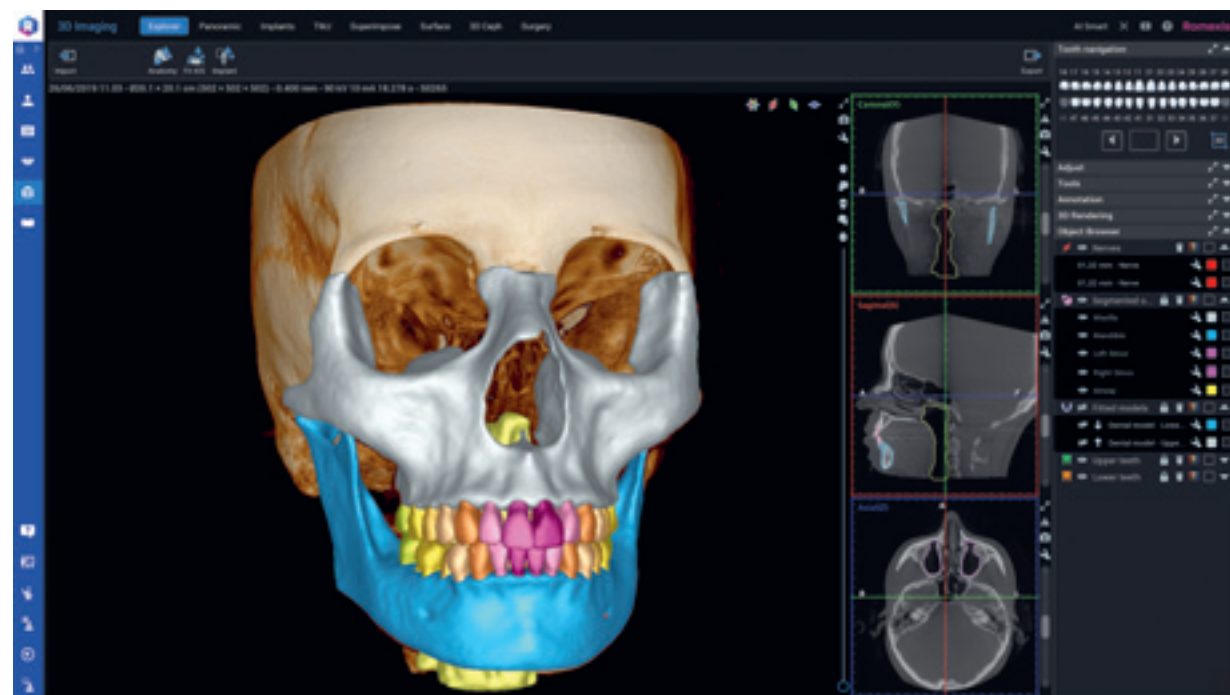
All clinical images in one database

*With the **Romexis®** software platform, all clinical images are stored in a single database, making it easy for all clinic members to share and access patient data. Through the centralised database, dental staff can access patient images and treatment plans simultaneously and without delay, whether in small practices or large organisations. Romexis also supports multi-site solutions by connecting one master database to local databases.*



The advanced 3D software

Our pioneering **Planmeca Romexis®** software offers specially designed tools for implantologists, endodontists, periodontists, prosthodontists, orthodontists, maxillofacial surgeons, and radiologists. Romexis comes with several AI-powered features that make viewing and processing CBCT images easy and efficient with minimal clicks.



Excellent tools for quality images

With a complete set of tools for image viewing, enhancement, measurement, and annotations, **Planmeca Romexis®** improves the diagnostic value of radiographs. Versatile printing and image import and export functionalities are also included.

Convenient 3D diagnosis

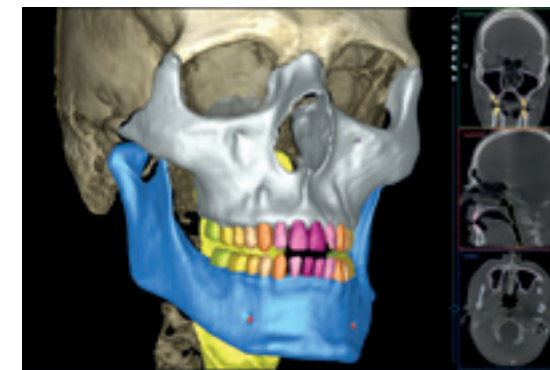
The versatile 3D rendering views of Romexis provide an immediate overview of the patient anatomy. The images can be instantly viewed from different projections or converted into 2D images, cross-sectional slices and TMJ views. Measuring and annotation tools – such as nerve canal tracing – assist in safe and accurate treatment planning.

AI-powered workflows

Romexis includes several built-in AI-powered features that optimise daily workflows by automating time-consuming tasks and eliminating manual work. The software automatically identifies and segments key anatomies, locates the mandibular nerve, and combines CBCT data with intraoral scans – just to name a few examples.

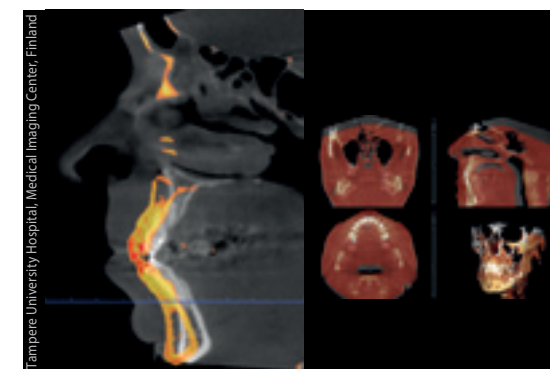
Best compatibility with other systems

Romexis supports TWAIN and complies with the DICOM standard, enabling seamless integration with third-party imaging solutions.



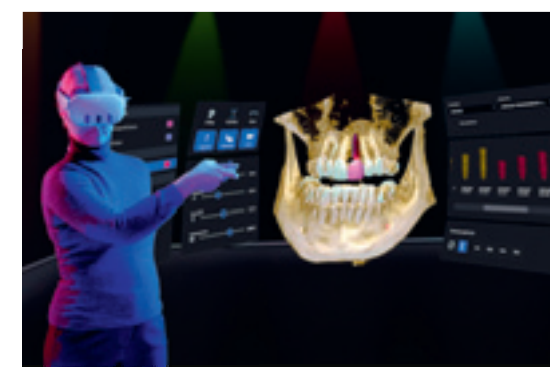
Automatic segmentations

Romexis automatically segments airways, jaws, teeth, sinuses and nerves. The segmented anatomies are ideal for patient education and can also be exported as STL for 3D printing, for example.



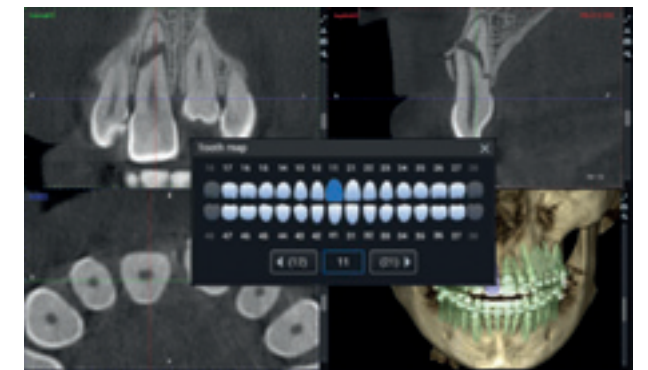
Superimpose CBCT

Romexis allows the superimposition of two CBCT images. It is a valuable tool for before-and-after comparisons and can be used for orthognathic surgery follow-ups, as well as orthodontic treatments, for example.



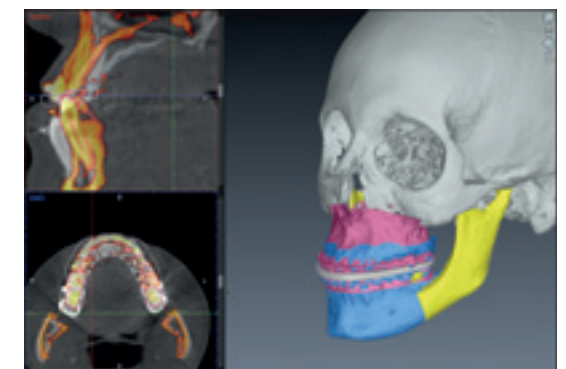
View CBCT images in virtual reality

Planmeca Romexis® VR solution allows viewing patient data in true three dimensions, providing a deeper understanding of morphological and anatomical relationships for various indications. It also enables visualising implant planning in virtual reality with realistic implant models.



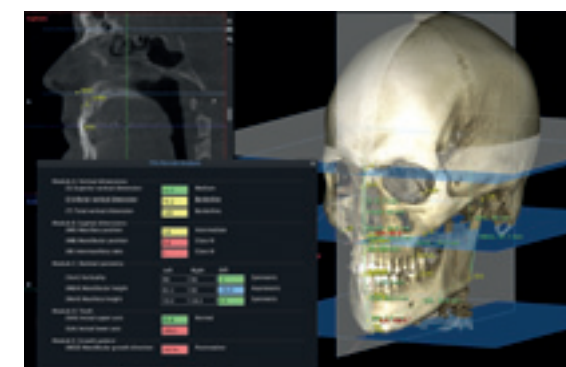
Intelligent navigation

Thanks to the automatic AI-powered tooth number recognition by Romexis, a CBCT volume can be easily navigated by just clicking on tooth numbers. Romexis automatically centres all views on the tooth of interest.



Orthognathic surgery

With the **Romexis® CMF Surgery** module, surgeons can virtually plan the orthognathic surgery and design final and intermediate splints. The software includes ready-made virtual cutting templates for one-piece Le Fort I, two-piece Le Fort I and three-piece Le Fort I for the maxilla and BSSO Hunsuck, BSSO Obwegeser, Inverted L, vertical ramus and Genioplasty for the mandible.

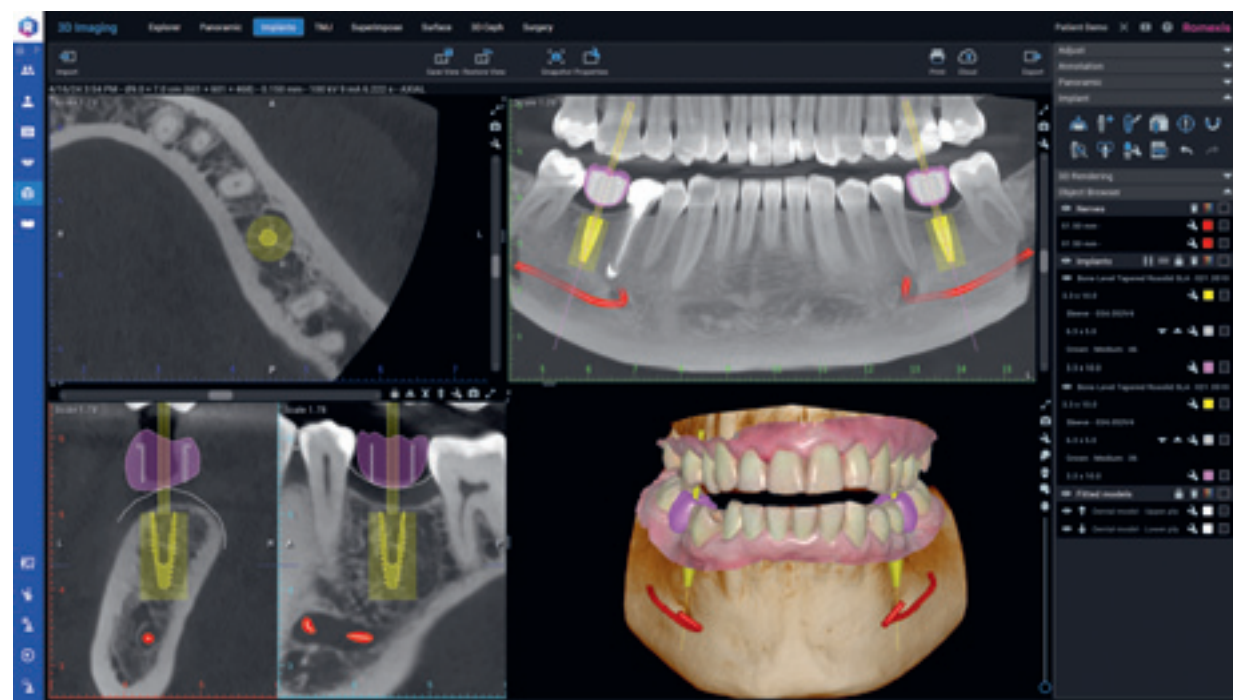


3D cephalometry

The **Romexis® 3D Cephalometry** module allows performing cephalometric tracing and analysis in 3D. Powered by AI, Romexis automatically detects and marks anatomical landmarks to enable straightforward workflows. The module includes several analysis types, such as TFA Perrotti Analysis, Transversal Analysis and Orthognathic Surgery Analysis.

The complete implant workflow

The **Planmeca Romexis®** software offers all the necessary tools for fully digital implantology – from planning to guided surgery. Powered by AI, just a couple of clicks are needed to create a virtual treatment plan proposal and to generate a suitable surgical guide. The software's implant library includes realistic implant models as well as collections of sleeves for guided surgery.



Automatic implant plan proposals

Planmeca Romexis® software includes an implant library with realistic implant models from over 130 manufacturers. To create an implant plan, you only need to select your preferred product line, and Romexis takes care of the rest. Powered by AI, the software automatically generates a virtual crown, selects the best-fitting implant from the chosen product line, and positions it – taking the mandibular nerve, adjacent teeth, bone and virtual crown into account. You only need to make final adjustments in the software's implant-centric view.

Simple implant guide design

With Romexis, you can create surgical guides in just a few simple steps. Romexis includes a library of over 50 guided surgery kits from different manufactures, which makes implant guide design extremely easy. The software automatically superimposes intraoral scans and virtual crowns onto CBCT data, and identifies the optimal area for the guide. You can flexibly adjust the guide design, as needed.

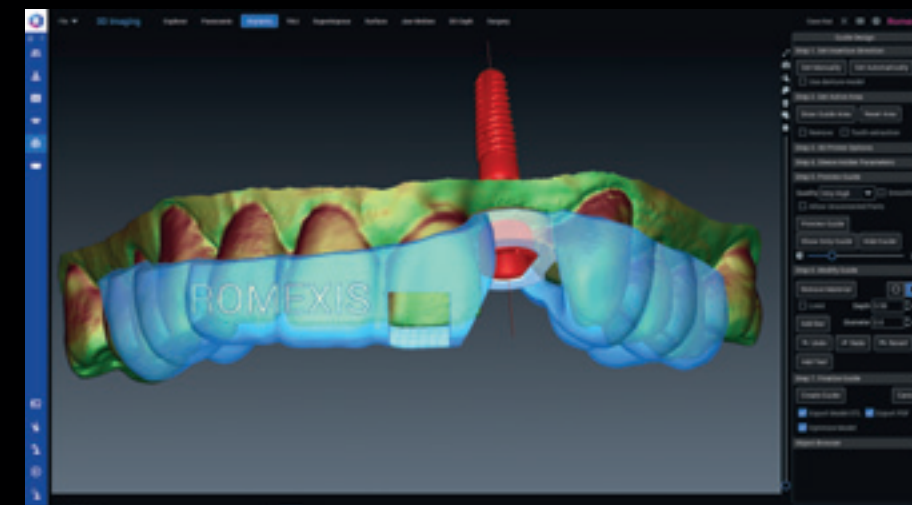
Realistic
implant models
from over 130
manufacturers

See a constantly growing list of all the implants included in the Romexis implant library at planmeca.com/Romexisimplantlibrary

Design surgical guides in a few minutes

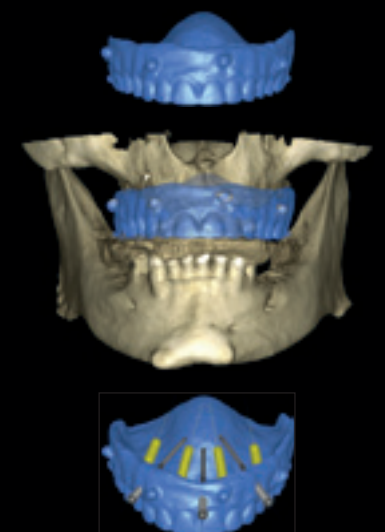
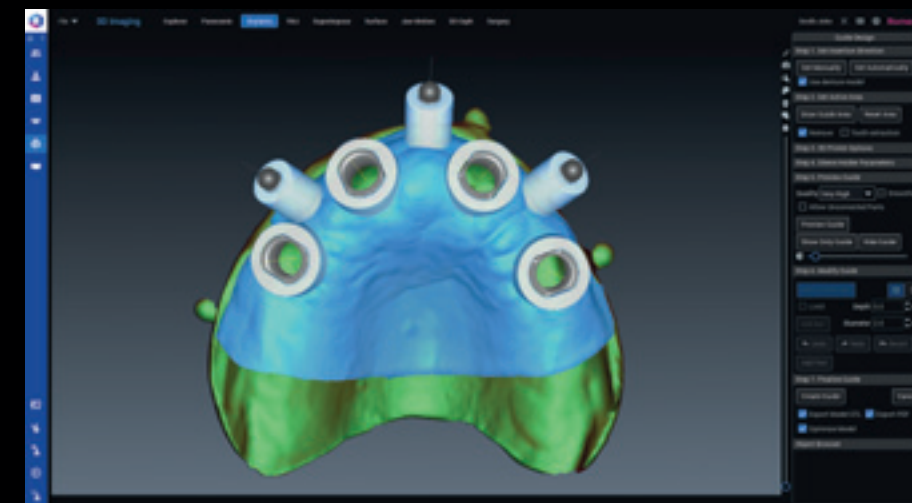
Tooth-supported guide design

- Use *Smart Implant* tool to create an automatic implant plan and virtual wax-up.
- Superimpose a digital scan automatically onto a CBCT image with *Smart Fit* tool.
- Design a surgical guide with a few clicks.
- Verify the plan and export the guide design in STL format for 3D printing.



Mucosa-supported guide design

- Superimpose dentures with radiographic markers onto a CBCT image.
- Plan the implants and position fixation pins.
- Design a mucosa-supported guide with a few clicks.
- Export the guide design in STL format for 3D printing.



Streamlined 2D imaging

Our easy-to-use **Planmeca Romexis®** software platform offers the most versatile tools for 2D imaging. Diagnose images using our full range of intuitive 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.

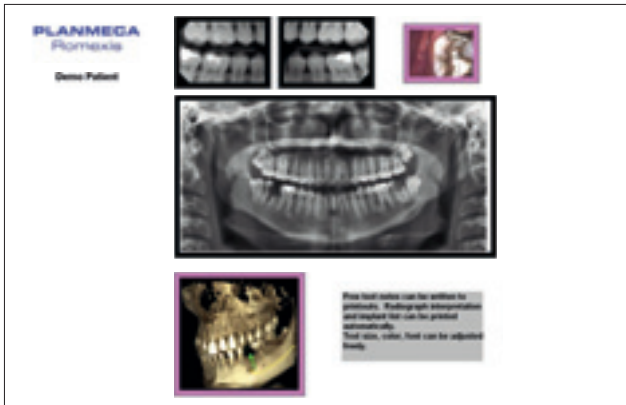


Easy and powerful

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.



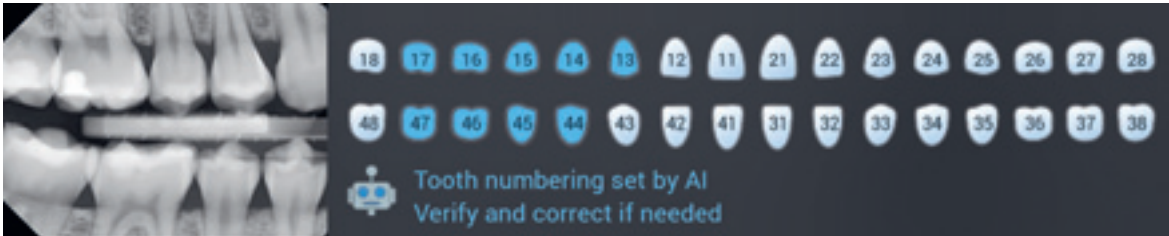
Integrated document management

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.



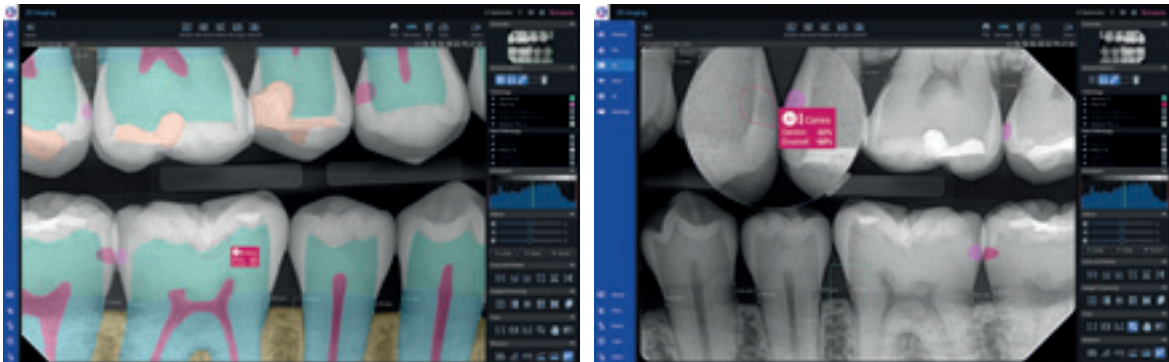
Advanced implant planning

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.



AI-powered intraoral imaging workflow

The built-in AI of the Romexis software automatically recognises individual teeth in intraoral images and assigns them with their tooth number. Romexis also automatically rotates each intraoral image so that every tooth is displayed in the correct orientation. When using study templates, Romexis places intraoral images into their dedicated slots automatically.



Integrated AI diagnostic service

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 service is seamlessly integrated with Romexis, allowing users to receive AI detections directly in the software, 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](https://www.apple.com/app-store) or [Google Play](https://www.google.com/play).

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.

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

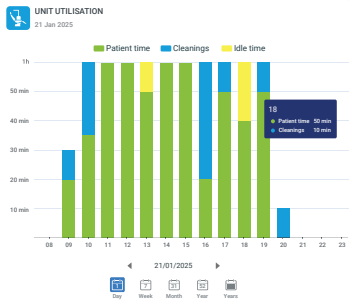
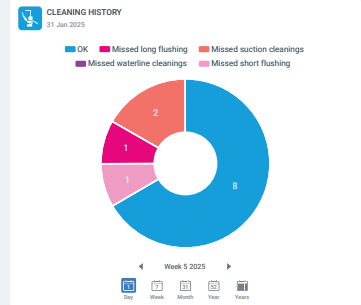
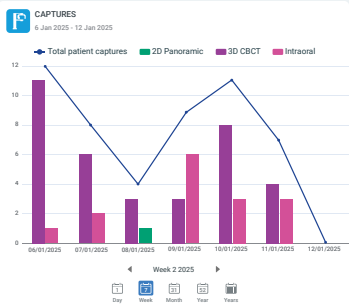
Visit online.planmeca.com for downloading the Planmeca Romexis LabApp application.

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 decision-making and minimised downtime

Extensive device data can be used to confirm that your valuable equipment is maintained correctly and in line with agreed practice. Detailed usage information offers insight into how and when devices are being used, and data can also be compared across multiple locations for improved clinic management and optimised workflows. Minimise downtime through automated messages on device states or issues encountered, and use individual device data to optimise maintenance times and address problems – even before they happen.



Planmeca dental units – created for better patient care

Renowned for their beauty, durability and technical cleverness, Planmeca's dental units are designed with both the dental team and the patient in mind. Our product development is always guided by four core values: ergonomics, safety, comfort and aesthetics. By adhering to these values in everything we do, we have been able to create solutions that let dentists concentrate on providing the best patient care while technology takes care of the rest. We welcome you to explore the exceptional qualities that are a common denominator in all of our dental units.

Planmeca Compact dental unit line

Which one is right for you?

Planmeca Compact™ i5

Planmeca Compact™ i5 is a sleek and elegant dental unit. The latest generation of the well-known Compact family is designed to last and made to perform.

Planmeca Compact™ i Classic

The modern classic of dentistry – a functional choice offering all the features you need for a smooth and comfortable workflow.

Planmeca Compact™ i3

Our smallest unit, a true space-saver, which allows both right- and left-handed dental professionals to work comfortably in any position.



Planmeca Pro dental unit line

Which one is right for you?

Planmeca Pro50™

The premium-level unit is designed to showcase dental units with cutting-edge technology, symmetrical ergonomics, quality and infection control. Intelligent functionalities give the user a luxurious experience.

Planmeca Pro50™ S

A compact dental unit with side delivery and hanging tubes designed for ergonomic and efficient workflows in any treatment room.

Planmeca Pro40™

The next generation of Planmeca's renowned side-lifting dental units combining intelligent software, exceptional ergonomics, and proven infection control.

Planmeca Pro50™ Chair

Our sturdy yet elegant patient chair combines functionality, flexibility and ultimate patient comfort.



It's all in the details



Easy patient documentation

All clinical data can be easily accessed, making patient documentation simple and straightforward.

Extensive light field

The Planmeca Solanna® operating light provides excellent visibility to every corner of the treatment area.

Comfortable working positions

The wide height adjustment range allows you to work comfortably in a standing position, while the very low chair position also makes it possible to treat patients who are semi-reclined.

Extensive legroom

The small pedestal of the chair and the small cuspidor maximise legroom for both the dentist and assistant – allowing the whole team to get as close as possible to the patient.

Smartly designed instrument console

Our effortless console positioning allows instruments to be placed at the optimal ergonomic position. The console can also be moved to the assistant side for a smooth and efficient workflow. Instruments with quick connectors are interchangeable by user.

Personal settings easily available

Planmeca PlanID™ allows access to personal settings on any dental unit at a clinic with a simple flash of a card.

Ease of use

The intuitive touch panel is straightforward and easy to use with customisable dental unit functions, treatment position and instrument settings.

A comfortable grip and minimised strain

The world-class instrument arms offer optimal balance and support ergonomic instrument use.

Foldable legrest

The automatic legrest makes it easy for patients to enter and exit the chair, ensuring a smooth workflow. It also provides excellent patient comfort and is practical for doctor-patient consultations and prosthodontic treatments.

Unrestricted operator access

The narrow top of the backrest allows the dental team to get as close as possible to the treatment area.

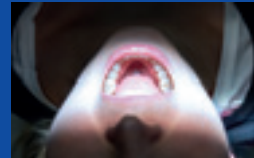


Planmeca operating lights

In dental care every detail matters, and that is why the operating light is an essential working tool. Our operating lights offer superior lighting, excellent colour reproduction and temperature control, great ergonomics, and much more.

Planmeca Solanna®

Perfect visibility over the entire treatment area – with the brightness and colour temperature of your choice.



Planmeca Solanna® Vision

An intelligent light with integrated 4K cameras and microphones that allows you to take both premium-quality still images and videos.

Save time with automated infection control



Planmeca Pro50™

Feel the next level of dental units

With over 50 years of experience in dental equipment design and manufacturing, Planmeca is committed to ongoing development and excellent craftsmanship. The new Planmeca Pro50™ dental unit is the result of continuous evolution – a dental unit like no other.

Dynamic ergonomics

The one-of-a-kind, vertically lifting chair of the Planmeca Pro50™ dental unit can be adjusted anywhere from 39 cm to as high as 89 cm. On top of that, the cuspidor can be rotated to either side of the chair, offering an identical working experience for both left- and right-handed users. This allows dental professionals of all sizes, whether tall or small, to work in their preferred position while sitting or standing.

The slim backrest of the chair and its small pedestal provide plenty of working space around the unit, ensuring that the doctor and the assistant can be as close to the patient's head as possible. The balanced instrument arms guarantee an ergonomic use of instruments.



Friendly user experience

The unit's easy-to-use 7" touch screen ensures effortless navigation through the intuitive user interface. For those seeking a broader view and additional flexibility, the interface can be extended to Planmeca Halo™ interactive touch screen. It streamlines all facets of daily clinical tasks – from accessing patient data to dental unit management. Additionally, the monitor is a great tool for patient education and allows dental records to be updated in real-time during treatments.



Eye-catching design

Over the years, Planmeca dental units have received several design awards for their functional and recognisable design. In a clinic setting, a skilfully designed, modern-looking dental unit conveys an image of high quality, builds trust and allows your patients to relax.

Planmeca Pro50 features all the best design details that our products are known for. It is Finnish design at its best – compact, elegant, light, silent, comfortable, sturdy, adaptable, and durable.



Planmeca Pro50™ S

Compact structure designed for modern dentistry

Planmeca Pro50™ S is a compact and ambidextrous dental unit with side delivery and hanging tubes, which brings ergonomic adjustability, digital integration, and a streamlined design into different treatment environments. It adapts to various working styles with its modular structure and adjustable components. With its connectivity options, Pro50 S supports daily clinical workflows for both users and patients.

Efficient working comfort for every clinician

The unit supports practical working positions with its slim backrest, compact pedestal, and wide seat height range. The adjustable instrument console and suction arm enable effortless positioning for clinicians of any height and working style. Its left-to-right conversion can be performed smoothly, even while the patient is seated. Pro50 S fits well into both small and larger treatment rooms thanks to its compact dimensions. This gives staff more space to move around the unit.

Digital functions for streamlined workflow

The wide 12.3" user interface offers clear access to patient information and imaging through **Planmeca Romexis®** connectivity. Users can adjust the interface layout to match their preferences. Optional **Planmeca PlanID™** technology provides quick access to personalised settings in multi-user clinics. The unit supports network integration for data flow and usage reporting.

Beautiful design with functional aesthetics

The unit features a coherent design that follows the Pros series and integrates naturally into modern clinical spaces. Its smooth surfaces and colour options support a clean and approachable environment. The aluminium frame offers a durable and hygienic construction that is easy to maintain. The unit's unified shapes and functional details contribute to ease-of-use and maintenance.

Compact size with practical flexibility

Pro50 S is suitable for clinics with limited space due to its compact structure. Its slim build and narrow backrest help maintain working room around the unit. The modular design allows clinics to select the configuration that matches their operational needs. The unit has an open front concept where the chair is positioned in front and instruments remain behind the patient. This configuration allows the treatment area to remain visually open from the patient's perspective.



Planmeca Pro50™ Chair

The patient chair for premium comfort

Planmeca Pro50™ Chair is a great combination of functionality, flexibility and future-proof details, all wrapped up in a beautiful, timeless design. It is an ideal option for those looking for a sturdy yet lightweight patient chair – offering ultimate comfort for both the dental team and patients. Have a seat!

Silent and sturdy

Planmeca Pro50™ Chair is a modern and timeless patient chair featuring all the lightweight and beautiful design details that Planmeca products are known for. The medical-grade motors inside the chair make its movements smooth and silent, ensuring a quiet working environment for the dental team and a relaxing treatment experience for the patient. The chair is built from durable aluminium and its upholstery comes in a wide range of fun and appealing colours.

First-class ergonomics

Planmeca Pro50 Chair offers a wide height range – the patient seat height can be varied between 39 cm and 89 cm. This makes the chair suitable for different users and working styles, allowing dental professionals of all sizes to work sitting (on a regular stool or on a saddle stool) or standing. The small chair base leaves plenty of room for two pairs of legs as well as the foot control and other devices. The additional space, combined with the chair's slim and narrow backrest, allows the dental team to get close to the patient – always in the most ergonomic working position.

A smooth and flexible workflow

For those working with a 12 o'clock cabinet or tray, the chair's unique lifting mechanism ensures that the distance from the headrest to the cabinet remains the same at every height and the operating light doesn't need to be readjusted as the chair height changes. What's more, the chair has an optional mobile base, making it easy to move to a new treatment room when necessary.

Premium patient comfort

Planmeca Pro50 Chair has a folding legrest that provides easy entry and exit and facilitates face-to-face positioning – a feature that is greatly appreciated in doctor-patient consultations. As patients come in different shapes and sizes, the maximum patient weight for the chair is 185 kg. The **Ultra Relax™** upholstery adapts perfectly to the patient's body shape – allowing them to stay relaxed even during the longest treatment sessions.



Planmeca Pro40™

A new era of intelligent side-lifting dental units

Planmeca Pro40™ is a dental unit with over-the-patient balanced instruments designed to offer ergonomic adjustability, digital integration, and practical patient comfort in one cohesive structure. It supports different working styles with an intuitive user interface and modular features. With built-in infection control functions and connectivity options, Pro40 is designed to fit efficiently into everyday clinical workflows.

Ergonomics that support every movement

The unit provides a wide movement range and a familiar side-lifting design that supports practical working positions for both the dentist and the assistant. Its floating chair structure increases legroom and improves access around the patient. The assistant has ample working space with clear reach to key instruments, supporting smooth collaboration. Multiple legrest options are available to help position the patient comfortably during treatments.



Smart technology at the heart of care

The 7" touchscreen interface offers intuitive control with customisable icons and visual guidance. Clinicians can view X-ray images, patient photographs and intraoral camera feeds directly on the display. Personal user profiles can be accessed quickly with ID card sign-in. An optional 15.6" touch monitor can be added to support treatment communication and patient discussions.

Workflow designed for everyday efficiency

Pro40 includes software features that help structure daily routines and reduce manual steps. Network connectivity supports usage data collection and reporting where needed. Automated continuous waterline cleaning and covered connectors help simplify hygiene procedures. Shared architecture and installation points with **Planmeca Compact™** make upgrades and new installations straightforward.



Planmeca Compact™ i5

Designed to last – made to perform

The sleek and elegant Planmeca Compact™ i5 has been designed based on several decades of research and experience. Combining revolutionary technology with luxurious design details, this intelligent unit caters even to the most demanding needs. Lightweight yet powerful, it is the dental unit everyone dreams of.

The smoothest possible workflow

Planmeca Compact™ i5 has been designed to offer the smoothest possible workflow for the entire dental team. Its lightweight design and smooth movements help you to maintain an ergonomic working position throughout the day. Everything is within easy reach, making everyday work effortless and enjoyable.

Faster routines for a faster patient flow

In Planmeca Compact i5, all essential infection control functions are integrated and neatly organised in their own compartments. The cleaning procedures are automated, and the LED indicator on the dental unit informs about their status. These functions help to speed up infection control, which in turn means a faster patient flow and improved quality assurance. Planmeca Compact i5 is the perfect answer to the growing demands of today's dentistry.

Five generations of continuous improvement

Our Planmeca Compact™ i dental unit range has tens of thousands of users around the world. They have provided us with continuous and valuable feedback, which has enabled us to refine our dental unit so that it caters to the needs of today's and tomorrow's dental professionals. Planmeca Compact i5 is the culmination of five generations of continuous improvement.



THE WAY YOU WANT IT

There are as many working preferences as there are dental care professionals. Planmeca Compact i5 offers several delivery systems and a wide instrument range for you to choose from to meet your specific needs and requirements.

- 1 Over-the-patient delivery arm 520 mm with balanced instruments
- 2 Over-the-patient delivery arm 340 mm with balanced instruments
- 3 Over-the-patient delivery arm with hanging tube instruments
- 4 Side delivery with hanging tube instruments
- 5 Cart delivery with hanging tube instruments
- 6 Independent cart with hanging tube instruments



Planmeca Compact™ i Classic

The modern classic of dentistry

Planmeca Compact™ i Classic is the modern classic of our dental unit range – a functional choice offering all the features and instruments you need for a smooth workflow. Built for comfort and ease of use, it combines the best benefits of our ergonomic and practical design solutions.

Easy to learn, easy to use

Planmeca Compact™ i Classic has been designed for a smooth workflow and superior ease of use. Just like all our dental units, it is equipped with a simple and intuitive touch panel that guides you in your preferred language and lets you adjust all essential unit, instrument and infection control functions. The dental unit and instruments can also be operated directly from the foot control, leaving your hands free for patient treatment.

Ergonomic instrument use

The unit's balanced instrument arms guarantee an ergonomic workflow, since only small movements are needed to use the instruments. This minimises the strain on your arm, wrist and shoulder. The dental unit can also be equipped with hanging tube instruments. The freely interchangeable instruments and easy console movements allow the unit to be swiftly tailored to meet personal preferences.

A relaxing treatment experience for the patient

Planmeca Compact i Classic always supports a relaxing treatment experience – even through longer visits. The chair design follows the shape of the patient's body and provides firm and comfortable support, while the double-articulated headrest allows comfortable positioning of the patient's head. Armrests can be fitted for additional support. The **Ultra Relax™** upholstery, made of durable artificial leather and viscoelastic memory foam, guarantees extra comfort.

Planmeca Compact™ i3

Small, swift and clever

We believe that great ergonomics, a smooth workflow and ease of use should be a necessity, not a luxury. The small, swift and clever Planmeca Compact™ i3 dental unit is a smart choice for any dentist looking for a space-saving solution. The flexible movement range of the unit's delivery arm allows both right- and left-handed dental professionals to work comfortably in any position.

Simplicity without sacrificing efficiency

Planmeca Compact™ i3 has been designed to simplify everyday dentistry. Easy to learn and easy to use, it is equipped with an intuitive touch panel that guides you in your preferred language. Thanks to the simplicity of the unit's design, external infection control procedures are also easy to perform. The unit can be customised to individual preferences and upgraded with the features of your choice, such as an integrated intraoral scanner.

From right- to left-hand use in 10 seconds

Planmeca Compact i3 can be switched from right- to left-hand use in just 10 seconds simply by moving the instrument console – without having to move the operating light. This makes it a practical solution for all clinics where several dentists use the same dental unit and space is limited.

A swift and space-saving solution

Planmeca Compact i3 is a truly flexible dental care unit that fits into any clinic layout. Due to its slim design and narrow backrest, the unit offers plenty of working space around it, allowing your team to work comfortably whether sitting or standing. The small instrument console can be positioned above the patient, making it easier to maintain an ergonomic position throughout the day. The unit's swivel function can be used to make fine adjustments according to your preferences.



Planmeca Solanna®

Exceptional operating lights for brighter workdays

Every detail matters in dental care, and that is why the operating light is an essential working tool. Planmeca operating lights offer superior lighting, great ergonomics, hygienic and hands-free operation as well as many smart functions to ensure a smooth workflow.

Latest LED technology

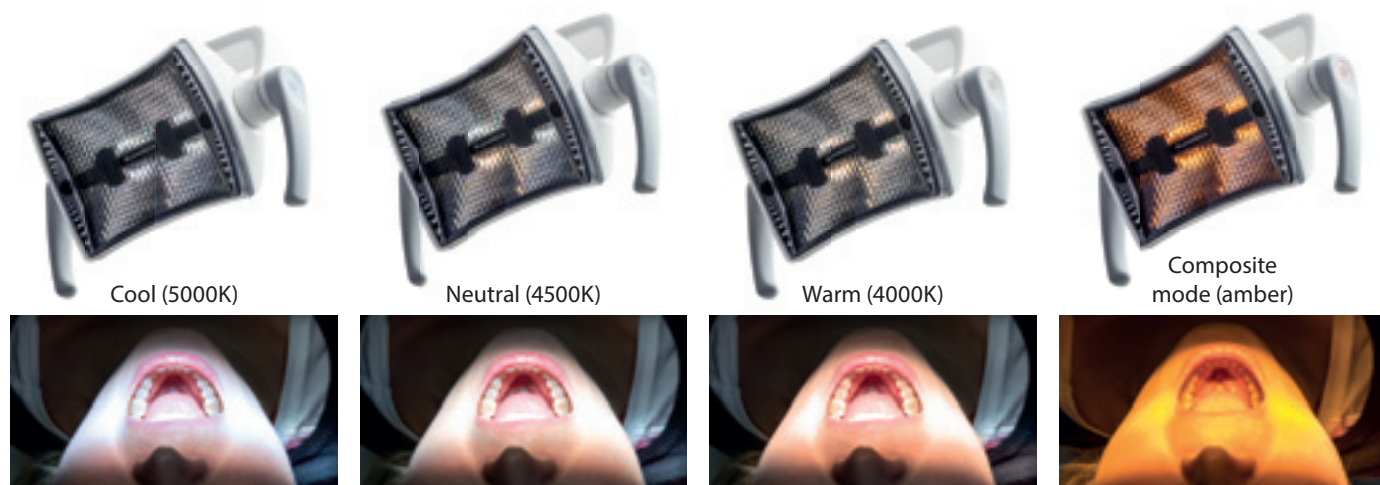
Our flexible Planmeca Solanna® operating light provides perfect visibility over the entire treatment area with the brightness and colour temperature of your choice. Its advanced LED technology and unique mirror optics guarantee extensive light field, uniform light intensity and minimised shadows in all situations, regardless of the distance from the treatment area. The beam's sharp edges make the light eye-friendly for patients.

Usability at its finest

The smooth, three-axis movement of Planmeca Solanna's light head makes it easy and effortless to position, both sitting and standing. The light can be controlled from its innovative handles, the dental unit's user interface or foot control, or with defined hand movements. Light intensity can be adjusted flexibly between 8,000 and 50,000 lux, with three colour temperature options and a composite mode.

Effective infection control

Planmeca Solanna's detachable and autoclavable handles can be cleaned in a washer-disinfector. The light's seamless one-piece aluminium back cover and dustproof light capsule further guarantee optimal infection control.



Planmeca Solanna® Vision

Operating light with two integrated 4K cameras

In addition to having the exceptional lighting features of Planmeca Solanna®, our intelligent Planmeca Solanna® Vision operating light allows capturing premium-quality images and videos of treatment sessions with its two integrated 4K cameras and microphones. All data is automatically stored in Planmeca Romexis® software for further use.

Exceptional possibilities with still images and videos

Planmeca Solanna® Vision's two integrated cameras have both their unique field of view. Wider lens captures the whole face and surrounding area. Longer lens enables closer access to the oral cavity for more detailed view. The recorded sessions can be used for documentation, remote consultation and student communication. The video transfer is conducted over the LAN network, without any special cabling. As extraoral cameras are no longer needed, the daily workflow becomes faster and more fluent than ever before.

Treatment documentation

- Built-in microphones enable saving diagnostic and treatment information also in audio format
- Data is time-stamped, which allows using the recordings of treatment sessions as evidence

Remote consultation

- Enables online consultation with other experts to avoid unnecessary referrals and visits
 - E.g. oral hygienists consulting dental specialists, students consulting professors...
- Consultations can be recorded for future reference



Patient communication

- Communicate treatment plans on the chairside display
- Visualise treatment progress by showing earlier recorded stills/videos
- Educate patients on their oral health, e.g. daily flossing, brushing, and implant and denture care

Communication with students

- Recorded data can be used for educational purposes and as lecture materials
- Live streaming patient cases to students allows active participation
- Convenient tool for visualising different techniques and treatment progress



Two FOV sizes

Head and surrounding area:
59 cm x 33 cm

Oral cavity: 32 x 18 cm



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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