

Planmeca Educational Solutions



PLANMECA

Planmeca's patient centric treatment environment	4
A relaxed patient with Planmeca dental units	7
Comfortable access for easy consultation	9
Individual settings for optimal patient treatment	11
Designed to last	13
For brighter workdays	15
For safer patient treatments	17
Smart tracking system	19
Planmeca's open CAD/CAM solutions	21
Comfortable scanning for both dentist and patient	23
A new era in dental education	25
Planmeca 2D and 3D imaging – industry-leading X-ray units	27
Smooth intraoral imaging for a positive patient experience	29
Protecting your patient from unnecessary exposure with 3D innovations	31
The next generation of CBCT imaging has arrived	33
One software solution for all diagnostic patient information	35
Better daily operations through information	37
Planmeca's unique teaching concept	39
Preclinical solutions	41
Planmeca project partnership	43



Planmeca's patient-centric treatment environment

A relaxed patient

- Comfortable treatments
- Ergonomic design
- High-quality upholsteries
- Monitoring tool for the patient's stress levels

Easy access for comfortable consultation

- Foldable legrest
- Face-to-face consultation
- Easy entry/exit
- Toes to nose legrest for emergency situations

Individual patient treatment

- Personal settings with **Planmeca PlanID™**
- Instrument adjustments according to treatment need
- Easily customizable functions

Long-lasting design

- Solid, durable aluminium
- Lightweight and award-winning design
- Perfect modularity

Patient safety

- External infection control made easy
- Advanced water treatment solutions
- Innovative suction tube cleaning system
- Centralized infection control
- Smart tracking system for instruments and materials

The comfort of same-day dentistry

- Open CAD/CAM solutions for chairside and laboratory use
- A comfortable scanning experience for both dentist and patient
- Intelligent self-assessment tool for students

3D innovations for better patient diagnostics

- Innovative image enhancement options
- Pioneering low dose imaging
- Virtual 3D patient

Better daily operations through information

- Real-time monitoring of day-to day operations for clinic staff with **Romexis® Clinic Management**
- Advanced operational data analytics for dental faculties with **Romexis® Insights**

All diagnostic patient data in one software

- The most powerful dental software on the market – **Planmeca Romexis®**
- All clinical data in one place

Planmeca's innovative dental units, imaging devices and software solutions have been designed with both dentists and patients in mind. We want to offer the most enjoyable workflow experience to the users of our devices, and the most comfortable treatment sessions to patients of all sizes and ages. The entire clinic benefits when both the dental team and the patients are as stress-free as possible.

Satisfied patients

- Know that they're in safe hands, in a safe treatment environment
- Are less anxious about receiving treatment
- Trust their dentist
- Feel comfortable
- Feel in control of the treatment situation
- Are more committed to home care
- Are more likely to return

Relaxed dentists

- Provide the best patient care
- Can concentrate on the treatment when technology takes care of the rest
- Enjoy a better work-life balance
- Are healthier thanks to ergonomic working tools

Efficient clinics

- More patients per day
- An optimal workflow
- A motivated team
- A positive working atmosphere
- An innovative teaching and learning environment
- The latest technology will attract top students and staff
- Smart operations with advanced monitoring tools
- A great base for future innovations

Benefits of stress-free dentistry

Optimal ergonomics



A relaxed patient with Planmeca dental units

Our exceptional innovations make treatment sessions more comfortable and relaxing for your patients – making your work easier. With accurate positioning and support, our dental units help you focus on providing high-quality clinical treatment.

Ergonomically designed chair

The dental chair design follows the shape of the patient's body and provides firm and comfortable support. Our dental units can also be fitted with armrests to provide additional patient support.

High-quality upholsteries for patients of all ages

Made of extremely durable artificial leather and viscoelastic memory foam, the **Ultra Relax™** upholstery adapts perfectly to the patient's body shape, allowing them to stay relaxed even during the longest treatment sessions.

The tilting manual headrest and special child cushion have been designed to help position smaller patients in a comfortable way.

Innovative patient biometrics

This advanced tool monitors the patient's stress levels during treatment by measuring the patient's heart rate and calculating changes in it.



Connecting with
your patient



Comfortable access for easy consultation

The foldable leg rest makes access easy for patients and provides a comfortable upright sitting position for consultation and post-treatment examinations.



Face-to-face consultation

Our dental units allow you to hold your initial discussion with the patient in a comfortable sitting position, while maintaining eye contact. This helps to create a relaxed atmosphere and build trust. Distractions, such as the instrument console, are kept outside of the patient's direct line of sights.

Easy entry/exit

The foldable leg rest makes it easy to enter and exit the chair – especially important for the elderly and physically challenged patients. To further support patient entry and exit, the chair can be equipped with rotating armrests.

Toes to nose legrest for emergency situations

The emergency position reached with the toes to nose legrest is useful in situations when it is necessary to increase blood flow to the brain. An emergency board is also available to support the patient's back during resuscitation.

Efficient
patient
treatment



Individual settings for optimal patient treatment

*Our dental units can be fully and easily customized according to your individual preferences. You can also use our smart **Planmeca PlanID™** system to access your personalized dental unit settings with a simple flash of a card.*

Personal settings with Planmeca PlanID™

The **Planmeca PlanID™** system has been developed especially for universities, hospitals, and large clinics. Practices with many users can now provide their dentists, assistants, and other personnel fast and easy access to personalized dental unit settings with a flash of a contactless Planmeca PlanID card.

With units that adapt instantly to the needs of different users, treatment rooms can be used more flexibly – significantly improving the overall efficiency of the clinic.

Specific settings for different student levels

With Planmeca PlanID, teachers can create different user groups with specific user permissions for educational purposes. The faculty can remotely customize the settings for first, second and third year students. For example, access to surgical applications during endodontic treatments can be limited depending on the level of the student.

Precise instrument settings

All instrument adjustments can be made precisely according to the treatment plan (specific torque and rotation adjustments for every treatment need).

Smartly designed instrument console

Our over-the-patient delivery option with balanced instrument arms allows the 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.



Solid, durable
and recyclable
aluminium



Independent cart for space efficiency

Planmeca's compact independent cart offers a clever delivery system. It provides a mobile solution for optimal space utilization and is packed with features and functionalities.

Designed to last

Our aim is to create functional, durable and beautifully designed units that stand the test of time. We do this by always keeping our four design principles in mind: an ergonomic workflow, patient and staff safety, patient comfort, and long lasting aesthetics.

Future-proof platform-based design

All of our units have been designed with the future in mind. That's why it's easy to upgrade our units with the latest features and innovations in dentistry.

Award-winning design

Our aim is to create durable and beautifully designed products that stand the test of time – with unmatched attention to detail. Each product we build is of the highest quality, helping convey a professional image in your dental clinic and building patient trust.

Lightweight design

All Planmeca dental units have our distinctive clean and simple design, with space for you and your assistant to work freely and comfortably. Our units are highly compact because of the side-lifting mechanism of the cuspidor block.

Glossy surfaces, excellent durability

We use aluminium parts and an epoxy paint finish in our dental units for ultimate durability. Their seamless, powder-coated surfaces meet the strictest infection control requirements.



Kind to your patient's eyes



For brighter workdays

The patient-friendly **Planmeca Solanna™** operating light provides perfect visibility over the entire treatment area with the brightness and colour temperature of your choice.



Sharp edges for patient comfort



Latest LED technology

Planmeca Solanna™ makes daily work easy. Its extensive light field is always uniform regardless of the distance from the treatment area. The light's state-of-the-art mirror optics ensure minimized shadows with no ambient light to patient eyes. There is enough intensity (adjustable 8,000–50,000 lux) for all operations and it is possible to adjust the colour temperature according to personal preferences and specific treatments.

Planmeca Solanna™ Focus operating light with integrated cameras

The integrated cameras of the **Planmeca Solanna™ Focus** operating light can be used to record your treatment session in 4K resolution with high dynamic range technology. This can be utilized for example when carrying out complex surgical procedures.

Beautiful and effortless movements for smooth positioning

Planmeca Solanna's smoothly moving light head caters to the needs of users of all sizes, both sitting and standing. The exceptionally long arm enables optimal working conditions from all angles – regardless of whether the light is mounted to the dental unit, ceiling, or wall.

Patient safety
is our priority



For safer patient treatments

Infection control and clean water have always been essential elements in our product design and development. Years of close collaboration with leading dental universities in the field of microbiology have resulted in comprehensive and scientifically proven solutions for both external and internal dental unit infection control.

External infection control made easy

The smooth, uniform surfaces of our dental units make cleaning easy, ensuring impeccable external infection control – a crucial element in safe dental treatment. The powder-coated epoxy surfaces are extremely durable and resistant to cleaning agents. All critical components can also be autoclaved, and the bowl can be detached for easy cleaning.

Clean water – always

Our advanced water treatment solutions guarantee that all water entering the patient's mouth is clean, ensuring a safe environment for both patient and dental team. The highly automated systems ensure that the microbial biofilm is efficiently removed from the dental unit waterlines. You can select either periodical or continuous disinfection according to your preferences.

Superior results for cleaner suction tubes

We have designed an innovative system for cleaning suction tubes and filters. The **Planmeca Suction Tube Cleaning System (STCS)** automatically dilutes and supplies the cleaning agent in the suction tubes and removes all air to ensure complete contact with all internal surfaces. The cleaning agent is left to act for two minutes providing significantly more effective cleaning.

The system significantly simplifies and automates the disinfection process of dental units – ensuring a safe treatment environment and a cleaner suction system overall.

The efficiency of the Planmeca STCS has been established in an independent study** conducted at the Dublin Dental University Hospital.

Centralized infection control brings efficiency for large clinics

- Saves time and workload significantly
- A centralized, scientifically proven cleantech water treatment system* can be implemented to provide high-quality water for all dental units with minimum effort
- The advanced water system is chemical-free and generates significant cost, labor and energy savings
- Dental units can be configured to perform flushing cycles automatically, even during the night, weekends or vacation periods. No risk of forgetting to perform the cycles and a great time-saver!
- Centralized suction tube cleaning system – cleaning suction tubes and filters couldn't be easier
- Safe to use. The cleaning agent is fed and measured automatically from a central container – no need to handle the chemicals manually, no risk of wrong dosage
- Saves room as there is no need to store chemicals in the clinic
- Complete and reliable traceability and quality assurance with **Romexis® Clinic Management** connection

* M.J. O'Donnell, M. Boyle, J. Swan, R.J. Russell, D.C. Coleman, *A centralised, automated dental hospital water quality and biofilm management system using neutral Ecosol™ maintains dental unit waterline output at better than potable quality: A 2-year longitudinal study*, J Dent. (2009) 37: 748-762

** M.A. Boyle, et al., *Overcoming the problem of residual microbial contamination in dental suction units left by conventional disinfection using novel single component suction handpieces in combination with automated flood disinfection*, Journal of Dentistry (2015)



Patient safety
is our priority



Smart tracking system

The **LM Dental Tracking System™ (DTS)** is the first commercially available system in the dental industry to efficiently track and monitor instruments and materials using RFID technology. It improves patient safety and material handling, as well as increases cost efficiency. The intelligent system opens up new possibilities within maintenance and clinical use for dental universities.

Know the exact location of instruments and materials



Identification tags

The LM-ErgoSense hand instrument and other dental materials with identification tags can be scanned with DTS readers for reliable tracking through their entire life cycle – from storage and maintenance to clinical and patient care.

DTS readers

DTS readers (either multi-read or single-read) can be placed in any environment. They notify users of errors, such as the use of unsterilized instruments.

DTS server software

The DTS server is used to record, track, and verify the cycles of activities done to tagged materials.

Analysis

The software provides easy analytical reports about the items and activity cycles registered in the system.

Action

The information in the reports can improve and ease asset management and documentation, and most importantly increase cost efficiency and patient safety.

Key advantages of the LM Dental Tracking System™

Patient safety

- Guarantee the safety of materials
- Ensure sterilized instruments
- Benefit from material traceability

Cost reduction

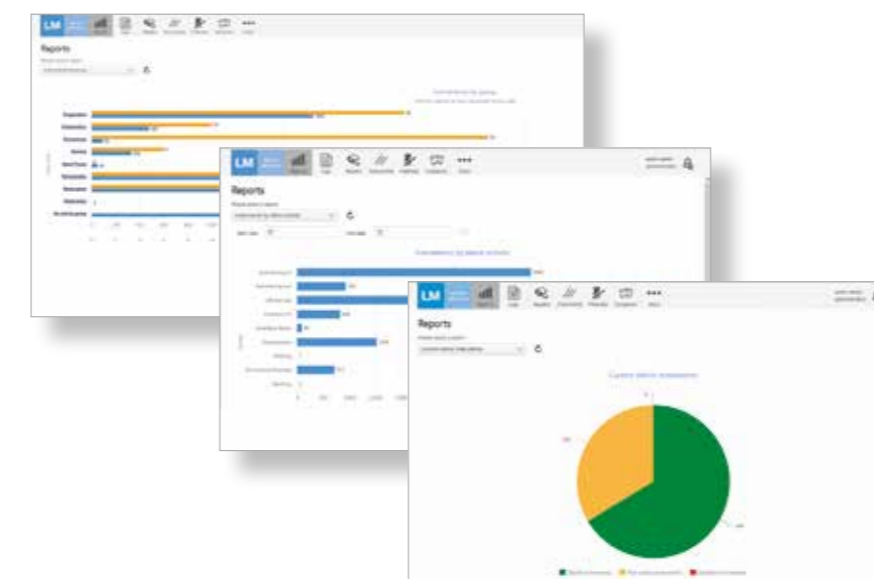
- Avoid time consuming manual controls
- Optimized stock according to actual instrument usage
- Improve material flow with FIFO management
- Reduce number of lost items

Asset management

- Ease consumption recording
- Find out indications of demand
- Improve time management

Documentation & education support

- Reduce risks
- Decrease losses
- Improve clinical trainings
- Enhance patient session planning



The comfort
of same-day
dentistry

CAD/CAM for dental clinics

CAD/CAM for dental labs



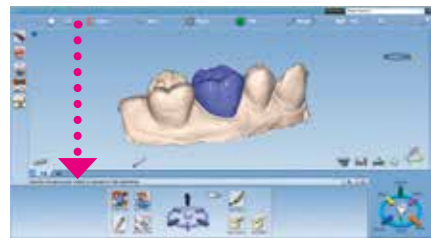
Scan
Planmeca Emerald™
Planmeca PlanScan®



Planmeca Romexis®
lab order form



Scan
Planmeca PlanScan® Lab



Design
Planmeca PlanCAD® Easy



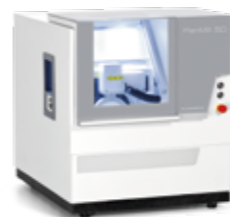
Design
Planmeca PlanCAD® Premium



Mill
Planmeca PlanMill® 40 S
Planmeca PlanMill® 30 S



3D print
Planmeca Creo™ C5



Mill
Planmeca PlanMill® 50

Planmeca's open CAD/CAM solutions

New digital technologies have revolutionized traditional dentistry and clinical work. This is why we have developed complete and easy-to-use CAD/CAM solutions for both dentists and dental labs – providing also a powerful educational tool for future dentists.

Planmeca chairside CAD/CAM solution

Our **Planmeca FIT™** solution offers dentists a completely integrated and digital workflow with three simple steps – ultra-fast intraoral scanning, sophisticated design and high-precision chairside milling. All this is seamlessly integrated into the **Planmeca Romexis®** software, enabling all 2D and 3D patient data to be accessed through the same user interface. For the first time ever, one software suite is used for both X-ray imaging and CAD/CAM work.

Planmeca CAD/CAM solution for laboratories

The **Planmeca CAD/CAM™ Lab** solution for dental laboratories includes a fast and maintenance-free desktop lab scanner, a sophisticated design software suite and an accurate 5-axis milling unit.



The comfort
of same-day
dentistry



Comfortable scanning for both dentist and patient

*The seamless dental unit integration of the **Planmeca Emerald™** and **Planmeca PlanScan®** intraoral scanners guarantees a smooth workflow at all times, as real-time scanning data is immediately available from your chairside tablet.*

Dental unit integrated intraoral scanning

The fast and accurate **Planmeca Emerald™** and **Planmeca PlanScan®** scanners can be easily integrated into your digital Planmeca dental unit. Due to a chairside integrated Full HD tablet device, you have constant and optimal access to live scanning data. This allows you to focus on clinical work in the treatment area without any distractions.

For an even smoother workflow, scanning can also be controlled from the dental unit's wireless foot control. In addition, Planmeca's scanners provide practical sound guidance to ensure optimal data capture.

Unique foot controlled scanning

What really sets our intraoral scanners apart from others is that you can also conveniently control their use from the dental unit's foot control, leaving your hands free for scanning and patient treatment at all times. You can use the foot control to easily toggle between prep, opposing and buccal views, so that you can focus on scanning without interruptions. Hands-free operation also guarantees impeccable infection control.

Flexible and easy to share

Planmeca's scanners have been designed for an efficient workflow – they are used just like any other instrument and shared effortlessly between different users. The plug-and-play scanners can also be easily installed in different dental units and different rooms. The flexible licensing system allows simultaneous use on multiple workstations during different CAD/CAM workflow steps.



Discover the unique benefits of our dental unit integrated intraoral scanners:

- Smooth and effortless workflow lets you concentrate on your patient
- Constant access to real-time scanning data
- Hands-free operation with wireless foot control
- Plug-and-play scanners with sound guidance
- Can be upgraded to any Planmeca dental unit
- Can be shared between different operatories
- Intelligent **Planmeca Romexis®** software licensing – different work phases (scan, design and manufacture) can be performed simultaneously by different users
- No need for a separate scanning station (cart)

New CAD/CAM teaching methods

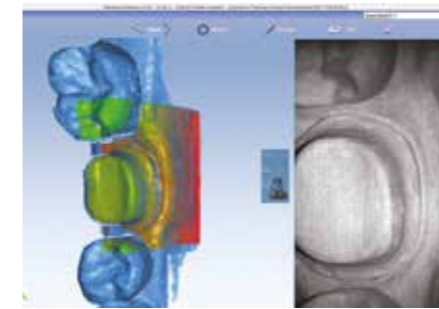


A new era in dental education

CAD/CAM technology is transforming traditional dental education and bringing completely new possibilities to both teaching and learning. Discover our unique digital solutions that will help you take your university's dental education to the next level.

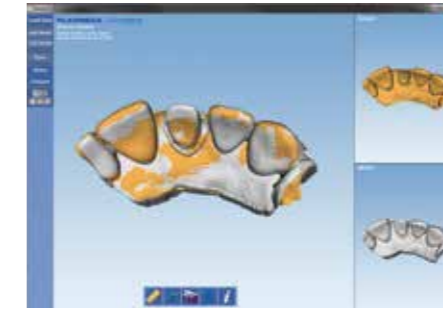
Planmeca Romexis® Compare evaluation tool

Planmeca Romexis® Compare is a powerful self-assessment tool that enables students to evaluate and measure their work individually against a master template. From learning dental morphology through virtual digital waxing to comparing their work with their school's chosen 'ideal', students get detailed objective feedback so they can focus on perfecting their clinical skills.



Scan

- Open-architecture plug and play scanner/laptop based system for portability and flexibility in a dental school environment
- Hi-definition, video-like scanning technology for fast, efficient, and high-quality scanning



Compare

- Designed to assist in evaluating students' work
- Immediate and objective feedback to faculty and students
- Provides students with a self-assessment evaluation tool
- Resolves faculty evaluation discrepancies
- Reduces time wasted in discussions of grade legitimacy, providing faculty with more time to focus on instructing students



Evaluate

- Calculate numerical evaluations based on faculty-controlled standards to provide truly objective outcomes
- Gather data and metrics for each student's preparation – save in a spreadsheet format

Compare features:

- Auto-alignment of master and student models
- Color-coded 3D difference mapping
- Quantitative real time data analysis tools
- Extensive individual student and entire class reporting functionality

Benefits of adaptive learning:

- Faster and higher quality student progression
- Adapts to different abilities
- Improves understanding
- Engages students
- Allows students to work at an individual pace
- Frees up time for one-on-one instruction

A relaxed
patient means
high-quality
images

Planmeca 2D and 3D imaging – industry-leading X-ray units

Planmeca offers the most advanced and versatile 2D and 3D imaging devices and software to meet all your university's extraoral and intraoral imaging needs. Our patient-centred design helps your patients to relax – and a relaxed patient means a smooth imaging workflow and the best possible image quality.

Perfect ease of use

Our X-ray units are easy to use, with a clear touch screen guiding users through the entire imaging process. Students learn correct patient positioning and exposure techniques using state-of-the-art devices.

Open positioning for a pleasant patient experience

- Effortless positioning with open-face architecture
- The patient can maintain eye contact with the nurse throughout the imaging process
- No claustrophobic feeling for your patient
- Easy wheelchair accomodation with side-entry access



A relaxed patient means high-quality images

Smooth intraoral imaging for a positive patient experience

Our premium **Planmeca ProX™** intraoral X-ray unit and advanced sensor system **Planmeca ProSensor® HD** combine perfectly to meet your intraoral imaging needs. We also offer intelligent educational solutions that allow your students to practice imaging techniques in an easy and safe way.

The premium intraoral X-ray unit

The **Planmeca ProX™** intraoral imaging unit provides easy and precise positioning, a straightforward imaging process and top quality images in high resolution. Planmeca ProX is uniquely designed to make intraoral imaging easier and more reliable than ever.

Unique patient-centred design

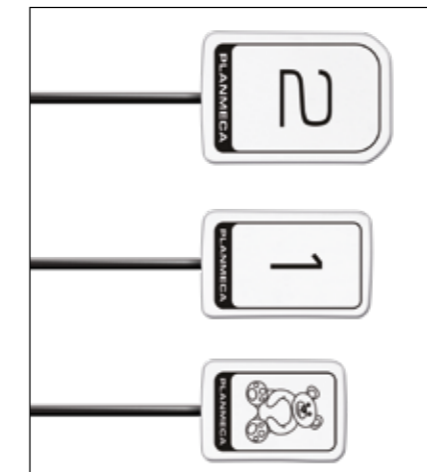
Our innovative **Planmeca ProSensor® HD** intraoral sensor offers a unique combination of unparalleled image quality, high-end patient-centred design, and usability. It sets a new standard for intraoral dental imaging – ensuring successful results and a smooth workflow in all treatment situations.

Intraoral simulation

Our intraoral X-ray unit can be installed in a special lead-lined cabinet. Students can easily and safely practise intraoral techniques using a phantom head together with our intraoral sensors or imaging plates.

Planmeca's radiology approval process

Planmeca's digital imaging solutions offer new teaching possibilities in radiology, as well as improved radiation hygiene. The **Planmeca Romexis® radiology approval process** prevents unauthorized use of all radiation-emitting devices and guarantees a safe learning process.



Planmeca's
3D world

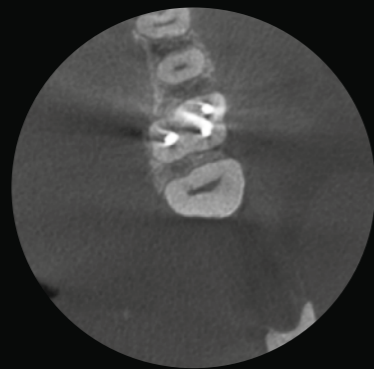
Without movement artefact correction



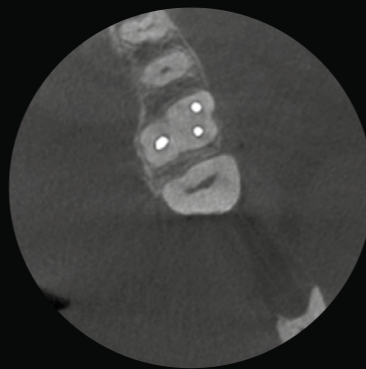
With the Planmeca CALM™
movement removal algorithm



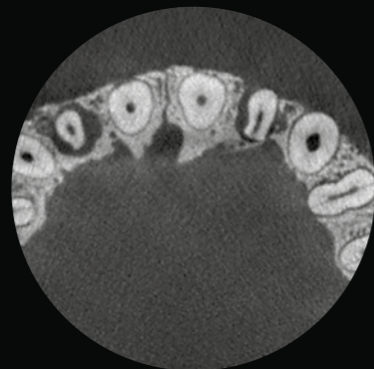
Without artefact removal



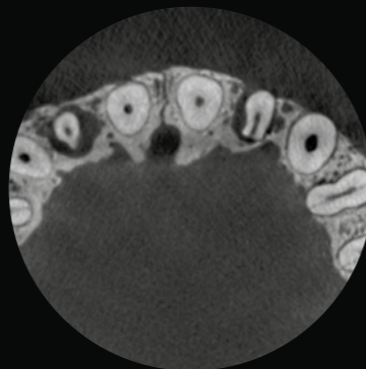
With the Planmeca ARA™
artefact removal algorithm



Without noise removal



With the Planmeca AINO™ noise filter



3x
3D

Virtual 3D patient

Our unique 3x3D concept brings together a CBCT image, a 3D face photo and a 3D model scan into one 3D image – all using one X-ray unit and software. This creates a virtual patient in 3D, opening up completely new dimensions in maxillofacial diagnostics and dental education.

Protecting your patient from unnecessary exposure with 3D innovations

Planmeca has been the first to introduce breakthrough 3D imaging methods that transform traditional imaging practices and offer a fascinating way to initiate students into the future of imaging. Our innovative image enhancement options and pioneering low dose imaging guard patients from unnecessary retakes and exposure.

Never miss a shot with Planmeca CBCT units

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

Movement artefact correction with Planmeca CALM™

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

Metal artefact reduction with Planmeca ARA™

- Reliable algorithm for artefact-free images
- Removes shadows and streaks caused by metal restorations and root fillings
- Tried and tested – the results of extensive scientific research

Noise removal with Planmeca AINO™

- Noise-free images without losing valuable 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

More information, less radiation

Planmeca Ultra Low Dose™ can be used with all voxel sizes and in all imaging modes from Normal to Endodontic mode. Using the Planmeca Ultra Low Dose protocol reduces the effective patient dose by an average of 77% without a statistical reduction in image quality*.

The unique and pioneering imaging protocol is based on intelligent 3D algorithms developed by Planmeca. Our 3D imaging system always allows the clinician to choose the optimal balance between image quality and dose, based on the ALARA principle.

* Study of Orthodontic Diagnostic FOVs Using Low Dose CBCT protocol (Ludlow, John Barrett and Koivisto, Juha).

planmeca.com/ULD-poster



A pleasant patient experience



The next generation of CBCT imaging 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.

Live virtual FOV positioning

Patient positioning is done directly from the CBCT unit's control panel utilizing integrated cameras and a live patient view. Users can see the patient live from the control panel for flexible and exact FOV positioning. The volume size can also be adjusted freely from 3x3 to 30x30 cm.

Large 25x30 cm sensor

Planmeca Viso™ offers a wide volume selection to cover all clinical needs – from single tooth to full skull. Single scans covering the entire maxillofacial area can be acquired without the need for stitching. The unit's remarkable 3D sensor is also fully capable of 2D imaging.

Planmeca ProFace® photos with 4 integrated cameras

Planmeca Viso introduces a new way of capturing **Planmeca ProFace®** facial photos. The unit's sensor has four built-in cameras and LED light strips for capturing highly detailed 3D photographs. They can be combined with model scans of patients to enrich 3D treatment plans.

120kV tube voltage

120 kV tube voltage enables optimized image quality for challenging imaging cases – reducing artefacts and ensuring higher contrast images.

Planmeca PlanID™ connectivity

With integrated RFID connectivity, Planmeca Viso opens up new possibilities for patient and user identification.

Intelligent patient support

The unit's occipital support provides stability without compromising patient comfort. It offers perfect options for demanding imaging needs.



All diagnostic patient data in one place

Planmeca Romexis® – all in one

2D imaging

3D imaging

3D implant planning

Implant guide design

CAD/CAM

Smile design

3D orthodontic tools

Model Analysis

CMF Surgery

4D jaw motion tracking

Cephalometric analysis

Clinic management

Cloud service

Mobile imaging

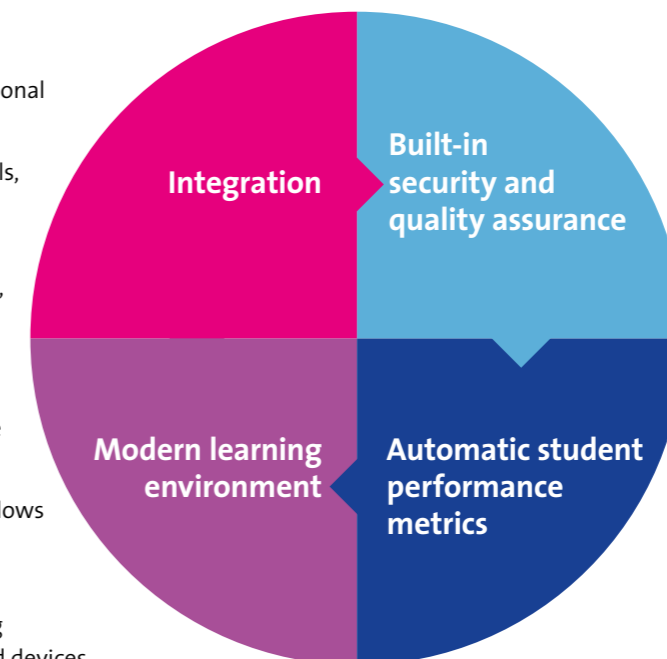
Mac and Windows compatible

One software solution for all diagnostic patient information

Planmeca Romexis® is an advanced, easy-to-use software suite, providing a rich set of tools to meet all the imaging needs set by any speciality – from diagnosis to treatment planning. It supports the most versatile range of 2D and 3D imaging modalities as well as the entire CAD/CAM workflow.

Planmeca Romexis® key advantages for universities

- Integration with practice management systems
- Integration with major educational systems like Axiom and Salud
- Automatic exchange of referrals, images and interpretations
- Integration with various specialty software: Dolphin 3D, Simplant, NobelClinician
- Combine 2D, CBCT, 3D photo and CAD/CAM to create lifelike virtual patients
- Train realistic treatment workflows with intraoral simulation unit in classroom
- **Planmeca mRomexis™** imaging application for iOS and Android devices



- Infection control
- Radiology process to enforce radiation hygiene
- Electronic approvals and gates
- Full audit trail with powerful reporting tools
- Powerful user and group management with Active Directory support
- Dental unit instrument use
- Automatic X-ray exposure values
- Integrated reject analysis
- Digitally compare student preparations to teacher benchmarks



The complete implant workflow

Planmeca Romexis® supports the full digital implant workflow from CBCT image capturing, intraoral scanning and implant planning to the actual implant guide design and 3D printing.

Real-time information for clinic efficiency



Better daily operations through information

Take the efficiency of your clinic to the next level with real-time information on networked equipment usage and events. Our **Romexis® Clinic Management** software offers several usability and quality assurance benefits for local users, whereas **Romexis® Insights** allows you to remotely monitor your clinic from anywhere.

Romexis® Clinic Management – fluent and safe use of equipment

- Access personalized dental unit settings easily with **Planmeca PlanID™**
- See clear graphical overviews of a clinic – showing unit status, occupancy, and users
- Achieve time savings with scheduled flushings and mass software updates available for dental units
- Enable local network access
- Improve risk management with remote monitoring of performed infection control cycles

Romexis® Insights – consolidated online monitoring of all equipment

- Monitor equipment from anywhere over the internet – also using mobile devices
- Utilize interactive dashboard views to see statistics from all clinics or individual locations and equipment
- Monitor trends and changes to clinic operations using informative graphics
- Allow faculty members to securely access equipment information



Real-time monitoring of day-to-day operations for clinic staff with Romexis® Clinic Management

Advanced operational data analytics for dental schools with Romexis® Insights



- Key benefits of networked equipment:**
- Planmeca equipment can be networked to gather valuable data on their use.**
- Enhance operational planning – see patient chair time for digital dental units, as well as the number and type of captured X-ray images and milling jobs
 - Use detailed event logs to improve quality assurance – including infection control and radiation hygiene
 - Maximize unit uptime with fast and accurate trouble-shooting

Our philosophy
– creating
the future
together



Planmeca's unique and comprehensive teaching concept

We are proud to offer the most comprehensive and integrated solutions available in the field of dental education – all brought together with the pioneering Planmeca Romexis all-in-one software platform.

Our unmatched teaching concept offers the most advanced tools for modern dental education: from simulation units and software to centralized infection control, dental care units, CAD/CAM solutions, and 2D and 3D imaging devices.

In addition to our own products and services, we have a long history of working together with an extensive network of companies that provide specialized and complementing solutions regarding e.g. water treatment, haptic simulations, and video streaming.



Your key benefits

- Seamless integration of hardware and software
- High-quality equipment with cutting-edge technology
- Future-proof concept with excellent upgradeability
- Features designed especially for educational use of university clinics
- A safe treatment and learning environment with centralized infection control and quality assurance
- Innovative solutions based on customer needs
- Commitment to long-term partnership
- Extensive experience from large clinic projects all over the world
- A comprehensive package no other competitor can offer
- Custom-made smart cabinets

A smooth transition from preclinical to clinical work



Preclinical solutions

The Planmeca teaching concept has been designed to ensure that students adapt to the world of digital dentistry right from the start. Our approach is to create a modern learning environment that simulates real treatment situations and provides an effortless transition from preclinical to clinical work in an ergonomic way.

We offer different simulation solutions for all educational needs. All our solutions are suitable for teaching both two and four-handed dentistry and are instantly convertible from right to left-handed use.

Planmeca dental unit in clinical environment

- Simulation can be carried out with a phantom head or with a simulation head and torso
- Very easy transition from preclinical to clinical work
- Flexible utilization of space – the same clinic can be used for simulation and for normal treatment

Planmeca bench simulation

- Learning the correct working ergonomics from day one
- Mastering the proper infection control routines from the beginning
- Modular design fits into any room layout
- Free working space when the simulation unit is not in use enables use for multiple purposes
- Allows conversion to technician's work – this brings cost-savings as the same equipment can also be used by dental technicians



Platform-based solution for future upgrades

Planmecca project partnership

We know that building a new teaching environment or dental facility is an extensive process. That is why we offer you a complete solution for every stage of the project, covering all key areas.

We offer

1 | Best dental equipment for pre-clinical and clinical use

Leading digital dental equipment for all needs

- All equipment easily networked for centralized remote management
- Ideal platform for future upgrades
- Seamless transition from pre-clinical to clinical use
- Customizable unit and instrument settings

2 | Leading systems and software for digital imaging

World-leading solutions for all 2D and 3D imaging needs

- One software platform for all devices
- Radiation control for patient and staff safety
- Integrated imaging approval process for safe learning

3 | Centralized supervision of clinics

Unique software concept for optimal clinic operation

- Remote, real-time user assistance and clinic monitoring
- Preventive maintenance
- Significant time and cost-savings

4 | Leading partners in electronic patient records and teaching aids

Versatile IP-based teaching aids

- Reliable and renowned commercial partners
- Interactive and motivating learning solutions
- Complete tools for classroom management and telemedicine

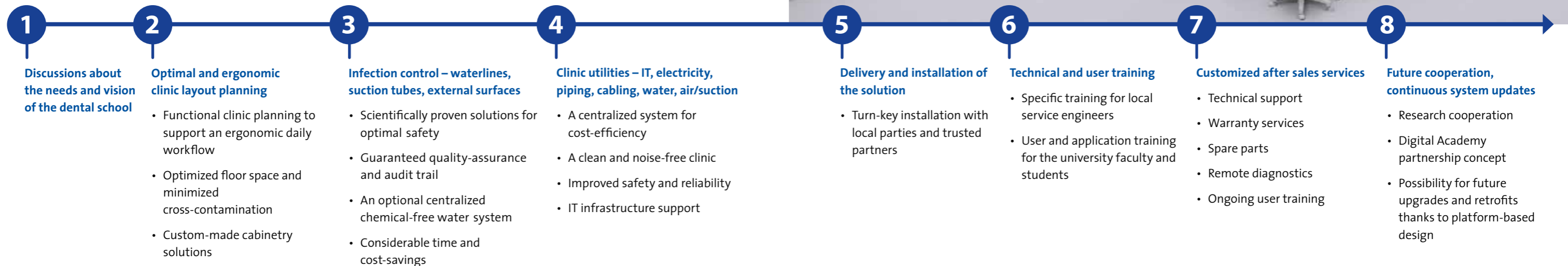
5 | Over 40 years of innovation

Vast experience in large clinic projects

- The choice of over 200 dental schools
- An upgradeable and future-proof platform solution
- Extensive experience from all over the world
- Experienced staff offering continuous support



Project steps





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.

PLANMECA

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