PLANMECA EDUCATIONAL SOLUTIONS

PLANMECA

Passion to innovate
An introduction from our President

"Planmeca's unique all-in-one concept is the choice of over 300 leading dental schools around the world. The success of this completely digital solution is based on our capability to network all digital dental equipment with one software platform. We are also the first company to integrate all 3D imaging and CAD/CAM modalities into one software. This brings unforeseen possibilities for education, research and clinic operation.

Our solution introduces interactive teaching methods and an inspiring learning environment to support a digital curriculum. Our unique dental unit concept offers students a seamless and easy transition from preclinical simulation training to clinical training and actual patient treatment.

Dentistry will be completely digital in the future, and so will dental education. The possibilities introduced by 3D technology will transform the field of dentistry and bring new dimensions to diagnostics.

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. We offer both long-lasting solutions and long-lasting partnership to universities worldwide.

I firmly believe that this dedication to continuous development enables us to offer the most inspiring educational environment for future dentists."

Heikki Kyöstilä
President and Founder
Planmeca Group

The choice of over 300 leading dental schools

Planmeca's unique teaching and learning concept has an established track record of success. Our dental care units, imaging equipment, CAD/CAM devices and software solutions are already the choice of over 300 leading dental schools around the world. Our products combine to form a perfect all-in-one solution – helping dental schools around the world benefit from sophisticated technology, efficient workflows, and significant cost-savings.

"It is of primary importance that students are exposed to the latest technology. Otherwise, there will be no development."

*University of Eastern Finland/
Kuopio University Hospital
Jari Kellokoski, Professor in Oral
and Maxillofacial Surgery*

Planmeca's completely digital workflow for dental education

Planmeca Romexis all-in-one software

We are proud to offer the most comprehensive digital solution for modern dental education from preclinical to post-grad use. All our devices can be networked with one software platform, allowing your dental school to benefit from unforeseen efficiency and the smoothest digital workflow in dentistry.

We offer

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

Leading digital dental equipment for all needs

- All equipment easily networked for centralised remote management
- Ideal platform for future upgrades
- Seamless transition from pre-clinical to clinical use
- Customisable 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 | Centralised 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 300 dental schools
- An upgradeable and future-proof platform solution
- Extensive experience from all over the world
- Experienced staff offering continuous support
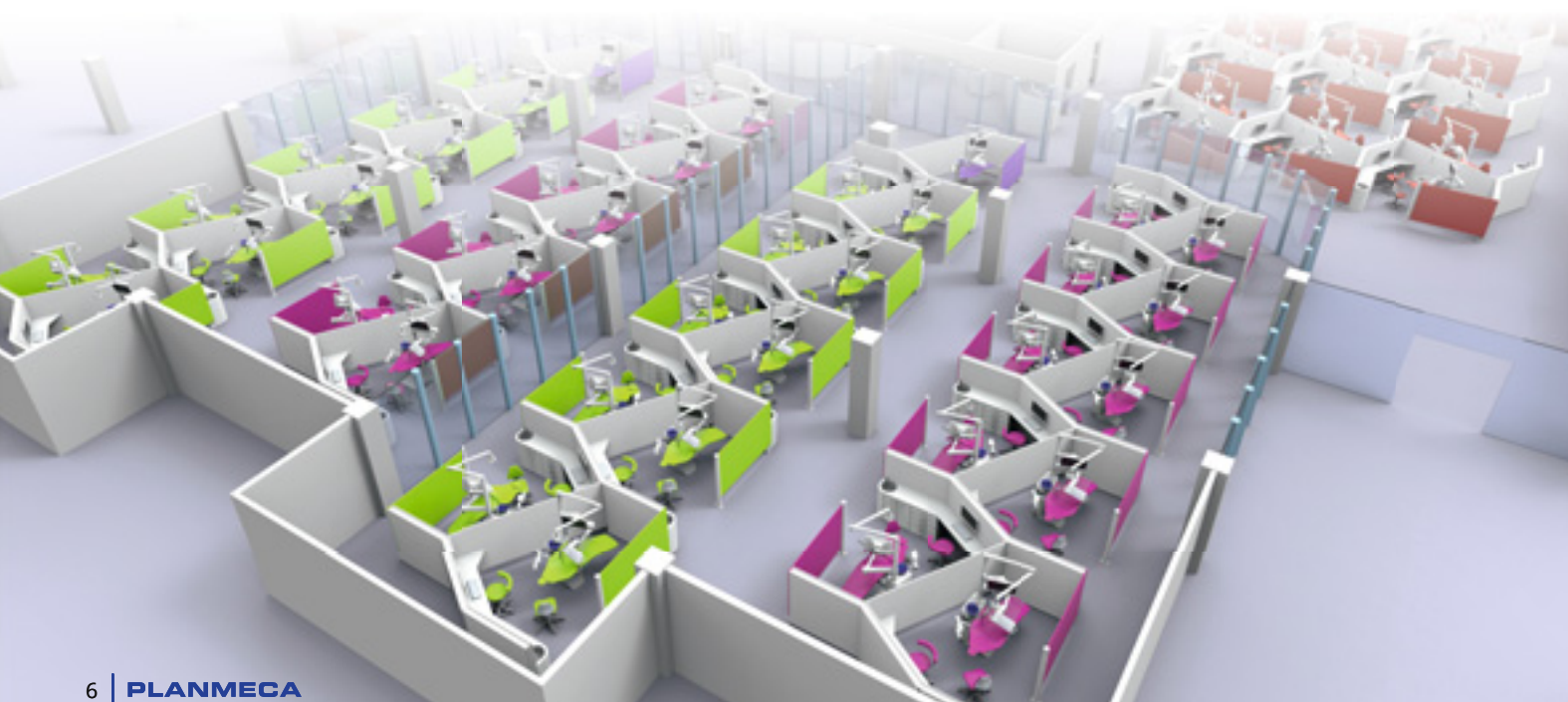
Improve efficiency with real-time device data

With our intelligent software solutions, dental schools can track and follow their patient flow, optimise their capacity through real-time information, and monitor the use of their digital equipment. Dental schools can also improve their operative planning by basing their evaluations on easy-to-read usage statistics.

Romexis® Clinic Management – usability and quality assurance benefits for local users

- Access personalised dental unit settings instantly from any location with **Planmeca PlanID™**
- See clear graphical overviews of the clinic – showing unit status, occupancy, and users
- Improve risk management with remote monitoring of performed infection control cycles
- Achieve time-savings with scheduled flushings and mass software updates available for dental units

Romexis® Insights – monitor your dental school's devices from anywhere

- Monitor equipment from anywhere over the internet – also using mobile devices
- Utilise interactive dashboard views to see statistics from all clinics or individual locations and equipment
- Allow clinic managers to monitor trends, changes and utilisation rates at all clinic sites or at a single clinic
- Allow service technicians and other stakeholders to securely access equipment information

Real-time monitoring of day-to-day operations for clinic staff

All data in the clinic's database

Local monitoring

Advanced operational data analytics for business stakeholders

All data in a cloud database

Cloud reporting

All clinical images in **one** database

*With the **Planmeca Romexis®** software platform, all clinical images are stored in one database. All patient data can be easily shared with other clinic members, external specialists and labs through the secure cloud-based transfer service. Romexis supports multi-site solutions by connecting one master database to local databases.*

Chairside

Examination and intraoral scan

Lab

Radiologist

X-ray room

Planmeca Romexis® Cloud

External partners

Planmeca Romexis® Cloud is a secure image transfer service for **Romexis®** users and their partners. It is used to easily share images, CAD/CAM cases, or patient data with any specialist or the patients themselves.

- Radiologists
- Second opinions
- Labs
- Surgeons
- Referrals

Centralised database

The centralised database allows clinic sites and different specialists to conveniently store, access, and share images and data in real-time.

- Intraoral scans (STL)
- 2D and 3D images
- Clinical photos
- Dental lab order forms
- Virtual patient cases

Future-proof and upgradeable equipment

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.

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.

Dental units with intelligent and automated features

Planmeca's digital dental units are optimised for efficiency. Their customisable user settings enable flexible use and their automated functions save time and resources. The units' platform-based design allows easy upgrades, making them a truly future-proof investment.

Key benefits of Planmeca dental units

- Instant access to individual user settings from any location
- User guidance in 25 languages for a smooth user experience
- Recorded user data for improved quality assurance (e.g. instrument usage and flushings are recorded)
- Integrated patient detection sensor for tracking the duration of chair time
- Integrated and automated infection control
- Easy customisation for the needs of special dentistry (e.g. by adding an endodontic micromotor)
- Comfortable and relaxing reatment sessions for both the dental team and patients

A functional, cost-efficient choice

One dental unit for both left- and right-handed use

Planmeca dental units have been designed for ambidextrous use, which makes them an ideal solution for university environments where several students and dentists share the same dental unit.
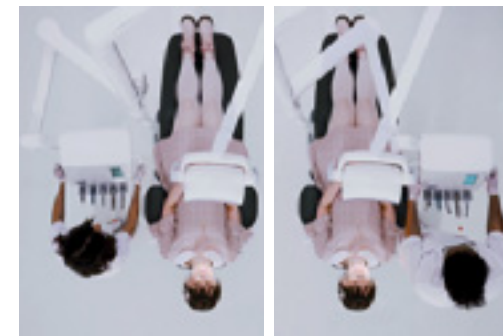
From left to right in 10 seconds

Plug-and-play instruments

Planmeca dental units allow instruments to be shared easily between different treatment rooms. Their plug-and-play architecture helps avoid time-consuming setup procedures, as instruments can be conveniently connected to different dental units in a matter of seconds.

Innovative patient detection sensor

The innovative patient detection sensor recognises when the patient is in the chair and when he or she leaves the chair. The sensor allows your clinic to monitor remotely the current occupancy of dental units. Knowing the real duration of treatments helps you to use your resources and plan your operations wisely.

Comfort for the patient

The ergonomically designed patient chair follows the shape of the patient's body offering a perfect fit and optimal support. The optional **Ultra Relax™** upholstery responds to the patient's weight and body heat, making even longer treatment sessions nice and comfortable.
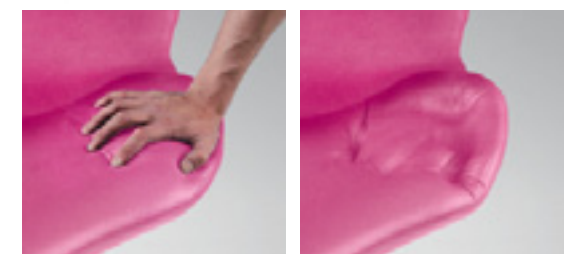
Preclinical solutions –
a smooth transition to
clinical work

We help your dental school create a fully digital learning environment that provides a smooth transition from preclinical to clinical work. Our next-generation simulation units motivate your students to adopt ergonomic working habits right from the beginning of their studies and allow you to design your teaching area according to your specific needs.


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 units 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 utilisation of space – the same clinic can be used for both education and clinical work

Planmeca simulation units

- Next-generation digital learning platform

- Students learn the correct working ergonomics from day one

- Students learn to master the proper infection control routines right from the start

- Modular design fits into any clinic layout

- Dental schools can design their teaching area as they wish

- Integrated instrument waterline flushing and suction tube cleaning
    - Same interfaces as in clinical dental care units
    - Compatible with centralised systems
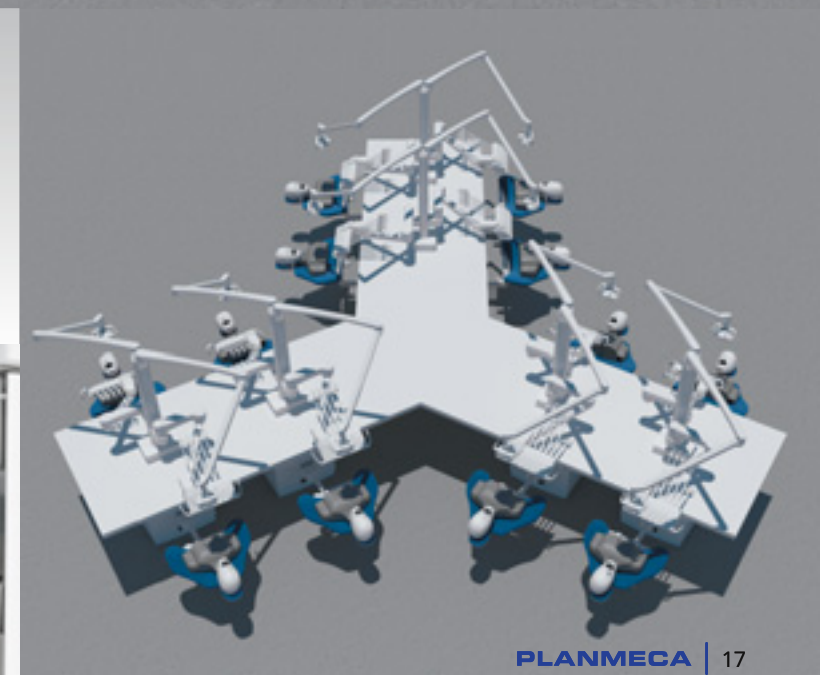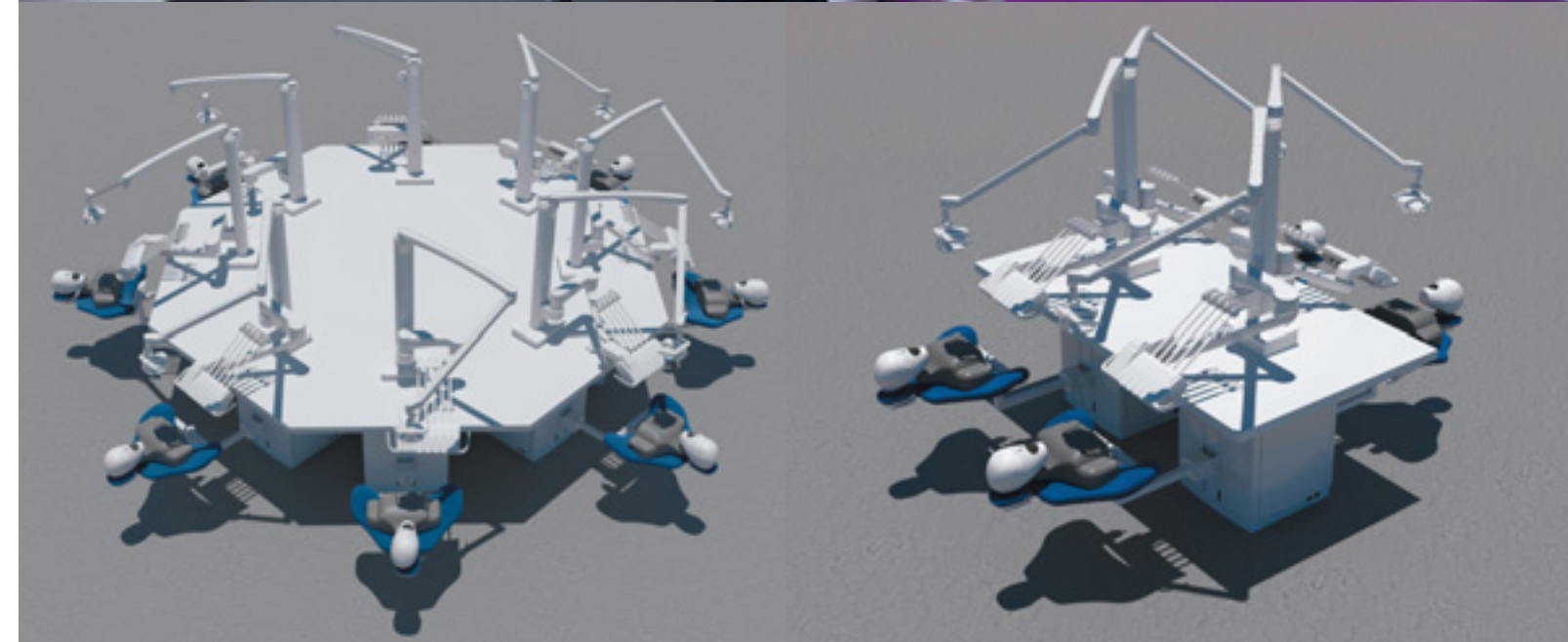
Student tracking and flexible equipment use with user identification

*The smart **Planmeca PlanID™** system, designed especially for dental schools, allows instant access to individual dental unit settings with a simple flash of a card. This allows you to track the user activity of your students and enables flexible equipment use – a great advantage in environments where several users share the same equipment.*

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 personalised 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 customise 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.

Your personal settings with a flash of a card

- Language
- Seat positions
- Instrument settings
- Theme colour

Save hours every week – more time for patient care

Example: Adjusting your dental unit settings takes approx. 5 minutes every time. This means 25 min/week, if the user works in a different treatment room every day. In a clinic with 50 dental unit users, this amounts to 1,250 min = 20 h 50 min / week. So with Planmeca PlanID, you can save over 20 hours every week!

Save time with automated infection control

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.

Centralised infection control brings efficiency for large clinics

- Saves time and workload significantly

- A centralised, 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!

- Centralised 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

*O'Donnell MJ, Boyle M, Swan J, Russell RJ, Coleman DC. A centralised, automated dental hospital water quality and biofilm management system using neutral Ecasol maintains dental unit waterline output at better than potable quality: a 2-year longitudinal study. J Dent. 2009, 37(10):748-762.

*Boyle MA, O'Donnell MJ, Russell RJ, Coleman DC. Lack of cytotoxicity by Trustwater Ecasol™ used to maintain good quality dental unit waterline output water in keratinocyte monolayer and reconstituted human oral epithelial tissue models. J Dent. 2010, 38(11):930-940.

** Boyle MA, O'Donnell MJ, Russell RJ, Galvin N, Swan J, Coleman DC. 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. 43(10):1268-1279. doi: 10.1016/j.jdent.2015.07.018. PMID: 26248229.

Maintenance

Short flushing
Previous: 09.02.2018 14:21

Long flushing
Previous: 09.02.2018 07:38

Suction cleaning
Previous: 09.02.2018 06:58

Waterline cleaning
Previous: 09.02.2018 06:44

LED technology 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.*
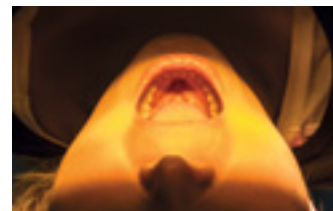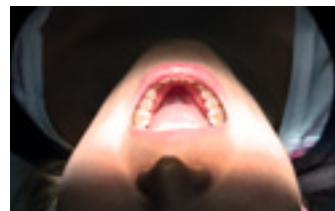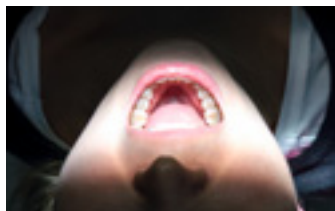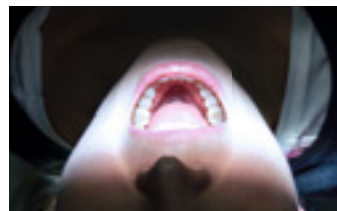
Sharp edges for patient comfort

Cool (5000K)	Neutral (4500K)	Warm (4000K)	Composite mode (amber)

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 minimised 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.

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.

Operating light with two integrated 4K cameras

Planmeca Solanna™ is renowned for its superior lighting features and easy operation. Just when you think an operating light cannot get any better, we have managed to raise the bar. We have added two, fully integrated 4K cameras to create Planmeca Solanna™ Vision – the smartest operating light in the history of dentistry. Taking high resolution images and videos has never been as fast and easy!

Exceptional possibilities with still images and videos

The integrated cameras of the **Planmeca Solanna™ Vision** smart light can be used to record your treatment session in 4K resolution with high dynamic range (HDR) technology. This can be utilised for example to improve patient communication or when carrying out surgical procedures. All data is automatically stored in the **Planmeca Romexis®** software and can easily be found for further use. As extraoral cameras are no longer needed, the workflow is faster and more fluent than ever before.

Take premium-quality still images and videos

- Outstandingly wide imaging field allows capturing the complete operating area
- Advanced exposure and light control prevents overexposure and guarantees the best possible image quality
- Built-in image stabilisation enables stable and sharp imaging
- Effortless and infection-free operation from the foot control

Communicate with patients

- 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

Consult with colleagues

- Consult online with other experts, e.g. GP dentists or oral hygienists, to avoid unnecessary referrals and visits
- Record consultations for future reference
- Two-way private intercom possibility with suitable Bluetooth devices

Document treatment sessions

- Safe data storage and encrypted transfer of images and video for further use
- Built-in microphones enable saving diagnostic and treatment information in audio format
- As all stored data is time and date stamped, recordings of treatment sessions can be used as evidence if needed

Features available through future software upgrades

- Implant navigation
- AI-driven image processing
- Hands-free operation and speech recognition

Planmeca's open CAD/CAM solutions

New digital technologies have revolutionised 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.

Scan

Intraoral scanners
Planmeca Emerald™ S
Planmeca Emerald™
Planmeca PlanScan®

Desktop scanner
Planmeca PlanScan® Lab

Examine – Analyse – Design
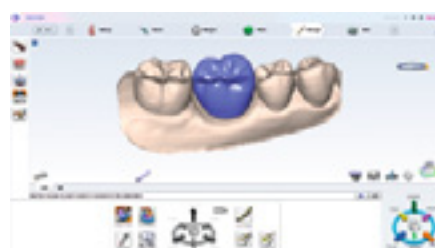
Scanning and analysing software
Planmeca Romexis® Model Analyser

Scanning and designing software
Planmeca PlanCAD® Easy

Advanced designing software
Planmeca PlanCAD® Premium

Create

Chairside milling units
Planmeca PlanMill® 40 S
Planmeca PlanMill® 30 S

3D printer
Planmeca Creo™ C5

Laboratory milling unit
Planmeca PlanMill® 50 S

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.

Planmeca's intraoral scanners can be integrated into the dental unit. They can be used just like any other instrument and shared easily between treatment rooms.

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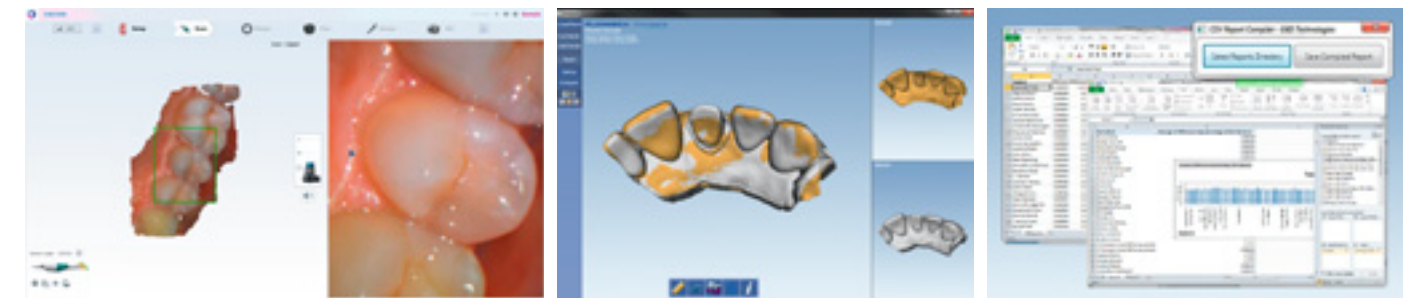
Scan
- Open-architecture plug and play scanner/laptop based system for portability and flexibility in a dental school environment
- Hi-definition, video-like scanning technology for fast, efficient, and high-quality scanning

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

Imaging for all needs

Planmeca offers the most advanced and versatile 2D and 3D imaging devices and software to meet all your dental school'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.

The most versatile range of imaging modalities

Never miss a shot with Planmeca CBCT units

Planmeca has been the first to introduce breakthrough 3D imaging methods that transform traditional imaging practices.

Movement, metal artefacts, and small voxel sizes are generally recognised as challenges to CBCT image quality. With Planmeca X-ray units, you can rise above these concerns and succeed every time. Our image enhancement options can either be selected preventively before imaging or utilised afterwards to achieve reliable results.

- Movement artefact correction
- Metal artefact reduction
- Noise removal

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 unauthorised use of all radiation-emitting devices and guarantees a safe learning process.

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.

Industry-leading X-ray units

Planmeca's versatile selection of imaging units offers an advanced and easy-to-use solution for each and every diagnostic need. From 3D and panoramic imaging to different types of intraoral imaging, our solutions are known to meet the highest standards in maxillofacial imaging.

Pioneering low dose imaging

Our pioneering low dose imaging protocol guards your patients from unnecessary exposure.

Planmeca Ultra Low Dose™ can be used with all voxel sizes and in all imaging modes. Using the Planmeca Ultra Low Dose protocol reduces the effective patient dose by an average of 77%.

Our 3D imaging system always allows the clinician to choose the optimal balance between image quality and dose, based on the ALARA principle.

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 Axium 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

Integration

Built-in security and quality assurance

Modern learning environment

Automatic student performance metrics

2D imaging	2D cephalometry	Smile Design	Dental PACS
3D imaging	3D implantology	CMF Surgery	4D
Models	CAD/CAM Easy	CAD/CAM Premium	3D Orthodontics

Mac and Windows compatible

Treatment planning and archiving of all images in one database

Planmeca Romexis® Dental PACS is the first dental PACS to allow image archiving, viewing and treatment planning in a single software. Romexis Dental PACS can also store images from 3rd party devices, which makes it an ideal all-in-one solution designed especially for the needs of universities, dental group practices, and hospitals.

Unlike other image archiving and communication systems, Romexis Dental PACS allows not only viewing all 2D, 3D and STL images but also includes full dental treatment planning capabilities, including CAD/CAM. This removes the need to export images to separate software for 3D viewing or treatment planning – greatly reducing the need for the clinic staff to learn to use different software platforms and for IT staff to install, maintain and back up different systems.

Smart tracking system for instruments and materials

*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 sterilised instruments
- Benefit from material traceability

Cost reduction

- Avoid time consuming manual controls
- Optimised 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
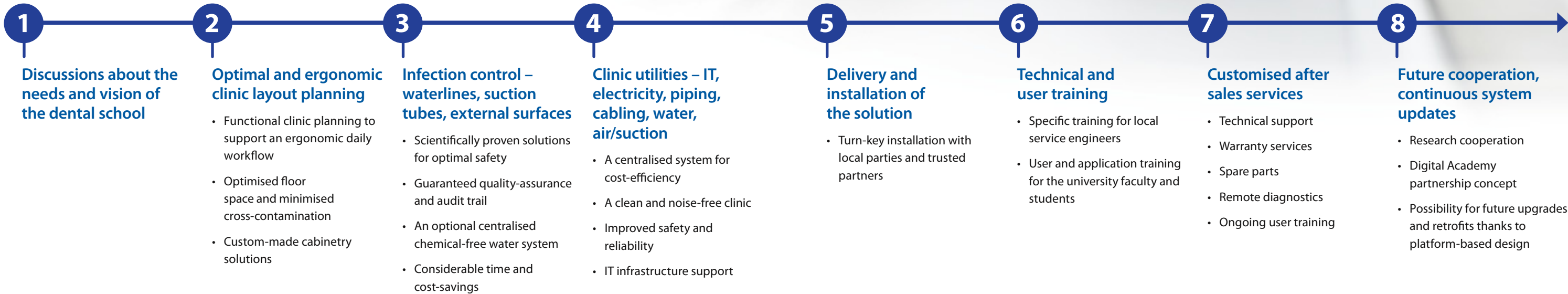
Documentation & education support

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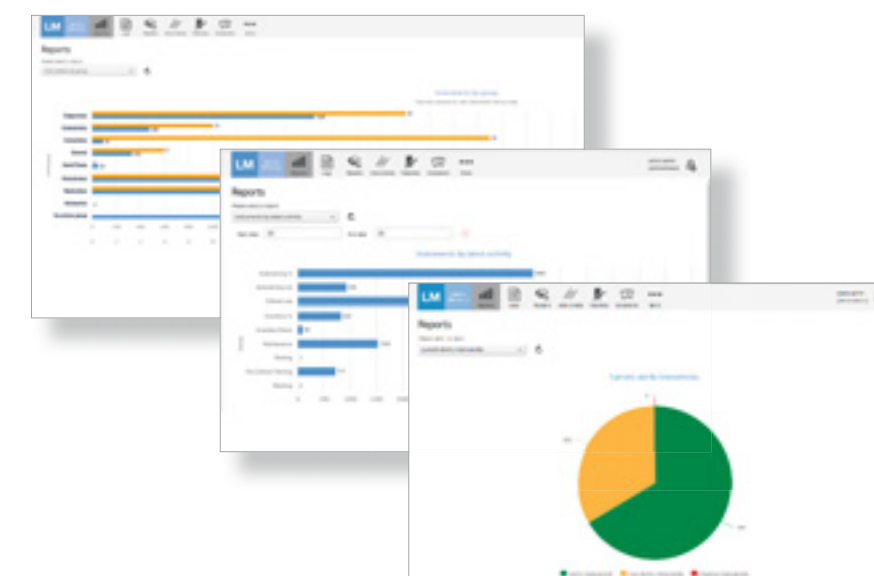
Planmeca project partnership

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.

Project steps

1 — Discussions about the needs and vision of the dental school

2 — Optimal and ergonomic clinic layout planning
- Functional clinic planning to support an ergonomic daily workflow
- Optimised floor space and minimised cross-contamination
- Custom-made cabinetry solutions

3 — Infection control – waterlines, suction tubes, external surfaces
- Scientifically proven solutions for optimal safety
- Guaranteed quality-assurance and audit trail
- An optional centralised chemical-free water system
- Considerable time and cost-savings

4 — Clinic utilities – IT, electricity, piping, cabling, water, air/suction
- A centralised system for cost-efficiency
- A clean and noise-free clinic
- Improved safety and reliability
- IT infrastructure support

5 — Delivery and installation of the solution
- Turn-key installation with local parties and trusted partners

6 — Technical and user training
- Specific training for local service engineers
- User and application training for the university faculty and students

7 — Customised after sales services
- Technical support
- Warranty services
- Spare parts
- Remote diagnostics
- Ongoing user training

8 — Future cooperation, continuous system updates
- Research cooperation
- Digital Academy partnership concept
- Possibility for future upgrades and retrofits thanks to platform-based design

Making a difference

Planmeca is committed to improving the health and wellbeing of people around the world. This is how we make a difference.

Sustainable innovations

We focus on designing lasting, future-proof innovations by investing strongly in R&D and by following sustainable production processes. Our solutions are built so that they can be easily upgraded with new features without replacing them, which saves a significant amount of resources. When our products do come to the end of their life cycle, 98% of their components can be recycled.

Committed to health care

Our safe and ergonomic products are designed to improve the daily workflow of dental and medical professionals, resulting in better quality of health care and a safer treatment environment. We also support various forms of dental education and are involved in global healthcare efforts by for example providing dental equipment and donations to those in need.

Global collaboration

We develop dental and medical solutions together with the top universities in our field. We are a trusted partner wherever we operate, collaborating with a network of 550 distribution companies around the world. We contribute to the global dental community by bringing professionals together in our numerous events and training courses.

Exceptional operations

Our approach is global yet local: we are a family-owned company and most of our operations are under one roof. That makes us flexible and enables us to control our production process by following rigorous quality and sustainability standards, such as ISO 9001 and ISO 14001.

Responsible employer

As contributing to health care is at the core of our business, we also want to invest in the physical and mental wellbeing of our employees. We have received numerous awards, for example an award for examplary promotion of employee wellbeing. We also provide hundreds of jobs and work schemes targeted for young people each year.

Stabile financials

Our financial stability makes us a reliable partner and guarantees a long-term focus for our business. We contribute to the surrounding society financially: we are among the 10 largest tax payers in Finland and our design and manufacturing operations are mainly in Finland, employing around 1,000 people out of a global total of 2,800 employees.

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.

Follow us on social media!

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