

Planmeca Solutions for ACE Clinic



**SCHOOL OF
DENTISTRY**
UNIVERSITY OF MICHIGAN

PLANMECA

Planmeca Solutions – created for better patient care

Renowned for their beauty, durability and technical cleverness, Planmeca's solutions 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 products that let dentists concentrate on providing the best patient care while technology takes care of the rest. We welcome you to explore our exceptional solutions for the ACE clinic.



ACE Clinic

Mobile solutions for Advanced Clinical Education

Our mobile solutions are ideally suited for your ACE clinic. These multi-use products offer space efficiency and allow you to utilize the same space for different purposes. The mobile cart and the patient chair can be positioned freely, while the ceiling-mounted operating light ensures excellent reach to the treatment area.



Planmeca Chair™

Excellent working ergonomics for the dental team

*The versatile, optimally designed features of the independent **Planmeca Chair™** provide great working ergonomics. It is well-suited for surgical treatments and can also be equipped with the **Planmeca Compact™ i** mobile cart.*



Easy swiveling provides flexibility

The 180-degree swivel function allows the chair to be swiveled 90 degrees left and right. This is a valuable feature when using an intraoral X-ray unit or other auxiliary equipment. The swivel function provides a unique freedom for clinic design and is especially appreciated when space is limited.

Large and solid tray

There is a large and solid cast aluminium tray above the patient for orthodontic and surgical treatments. The tray is easy to move with outstanding load bearing capacity.

Practical design details

The double articulated headrest allows comfortable positioning of the patient's head and provides good access to the treatment area. Thanks to the smooth and lightweight headrest length adjustment, the chair can be easily adapted for patients of all sizes.



Planmeca Compact™ i Touch

Mobile cart

The Planmeca Compact™ i Touch dental unit makes everyday work easy and efficient. It is the perfect fit for all purposes – from entry-level to specialist needs. The intuitive and easily programmable touch screen follows the same logic in all of our dental units.



Perfectly balanced

Planmeca Compact™ i Touch provides the ideal solution for any clinic, from small practices to large hospitals and university clinics. Extremely compact in size, the unit is packed with great features that provide optimal ergonomics for everyday use.

Wide instrument range

A wide instrument range ensures that all your needs are met. Scalers are available with or without LED.

Key features:

- Five instrument positions
- Can be connected to tap or bottle for water
- Adjustable height
- Silent unit increases user comfort



Planmeca Solanna™

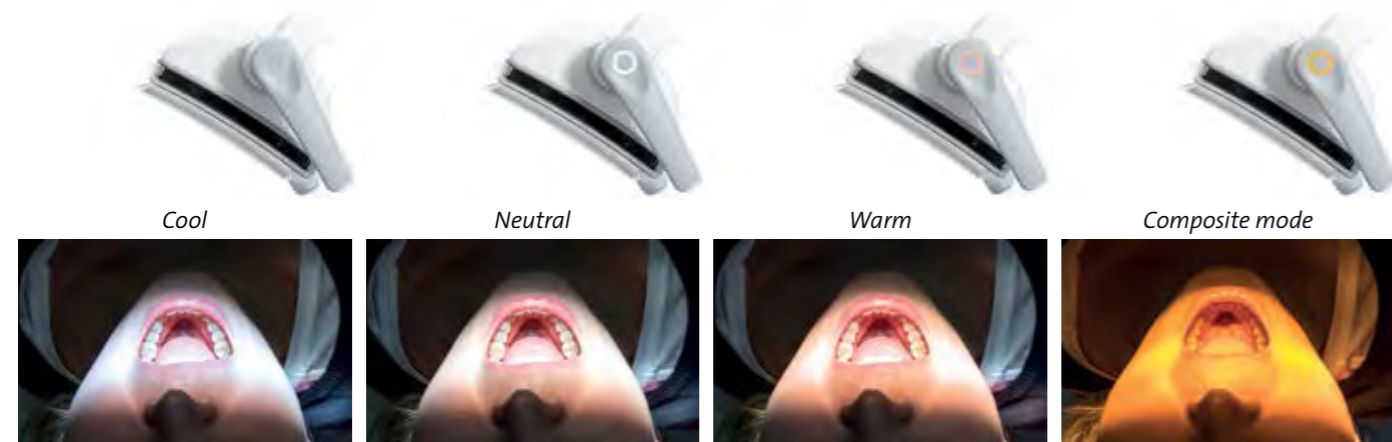
For brighter workdays

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



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 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.

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. It can be utilized for example when carrying out complex surgical procedures. This innovative solution also includes a microphone and thus enables remote consultation.

Planmeca PlanID™

Personal settings by flashing a contactless card

Our dental units can be fully and easily customized according to your individual preferences. You can 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 and is widely used by 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.

User information is saved in the database and can be viewed in the Planmeca Romexis® Clinic Management software module.

The system supports the access badges currently in use at the Michigan University School of Dentistry.

Easy access to personal settings:

- Language
- Seat positions
- Instrument settings
- Theme colour

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.



Planmeca dental stools

Optimum support and mobility

Our dental stools help you to maintain an ergonomic position throughout the working day.

Planmeca Lumo™

A form that follows you

Our anatomically designed Planmeca Lumo™ dental stool is an excellent ergonomic choice. Its smoothly rotating wheels and multitude of adjustment possibilities ensure optimal working positions for users of all heights and sizes. The stool provides outstanding support and comfort even during the longest workdays.



Planmeca Olo™

Gives your back the best position

The Planmeca Olo™ saddle stool keeps your back in its most natural position during the treatment sessions. The height is easy to adjust for different users. The incomplete circle shape of the foot ring allows close proximity to patient and other stools when needed. The exceptional design of the seat features handles and the uniform design contributes to perfect infection control.

Perfect match with your Planmeca dental unit

Match with your Planmeca dental unit – choose the colour from the Comfy™ or Ultra Relax™ upholstery colour selection.

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

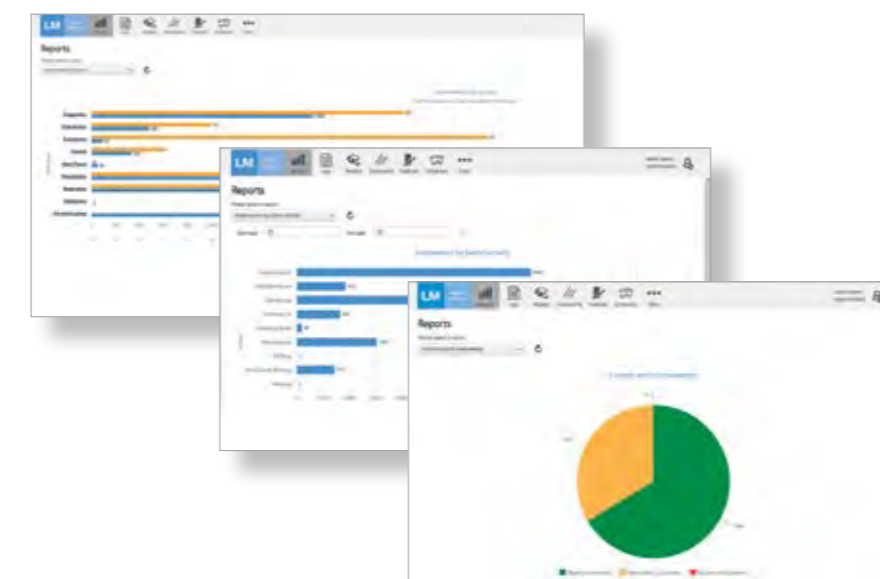
The DTS server is used to record, track, and verify the cycles of activities done to tagged materials.

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

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™**
- The faculty can define specific settings with different user permissions for different student levels
- See clear graphical overviews of a clinic – showing unit status, occupancy, and users
- Achieve time savings with scheduled flushings and mass software updates
- Monitor equipment and its use remotely, minimize human errors

Key benefits of networked equipment:

Planmeca equipment can be networked to gather valuable data on their use. The collected data can be used to analyze treatment processes.

- Enhance operational planning – patient chair time visible for digital dental units equipped with integrated patient occupancy sensors
- Use detailed event logs to improve quality assurance – including infection control and radiation hygiene

Romexis® Insights – consolidated online monitoring of all equipment

- Monitor equipment and its use 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 dashboards
- Allow stakeholders (such as service technicians) to securely access equipment information

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



All data in the clinic database

Advanced operational data analytics for business stakeholders with Romexis® Insights

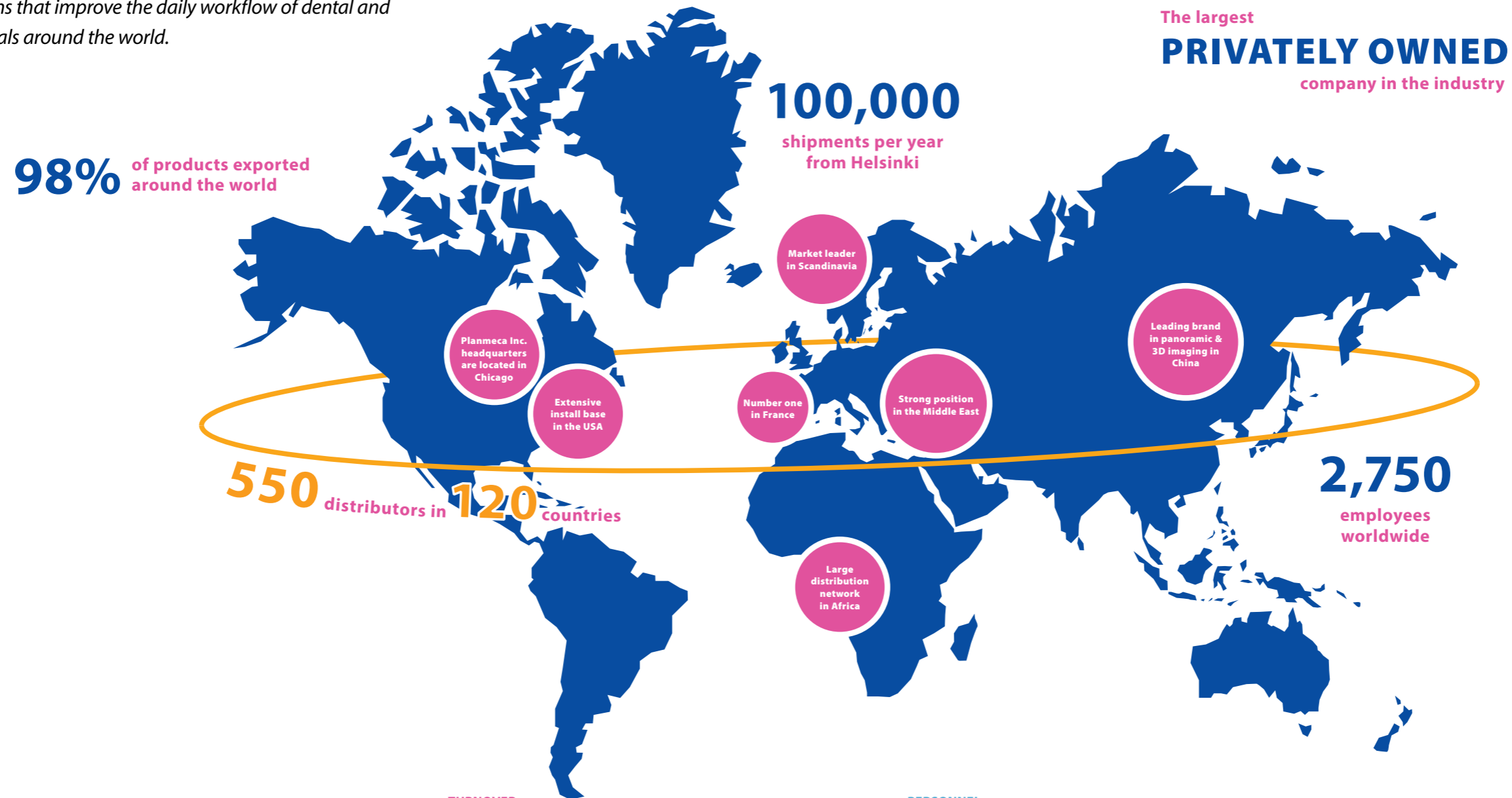


All data in a cloud database

Planmeca Group

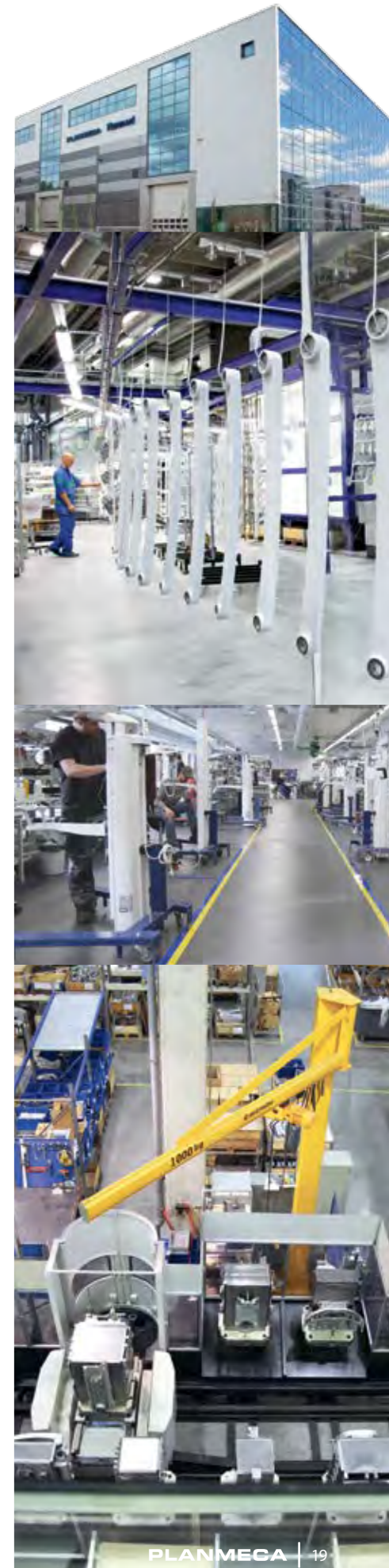
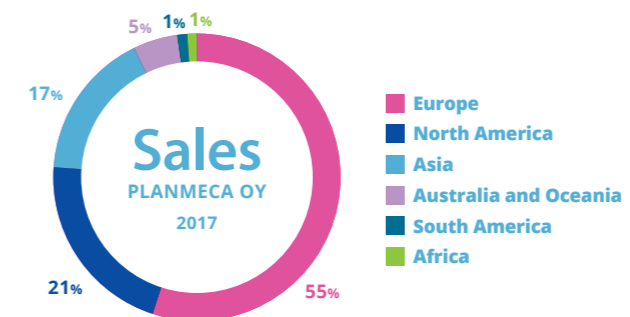
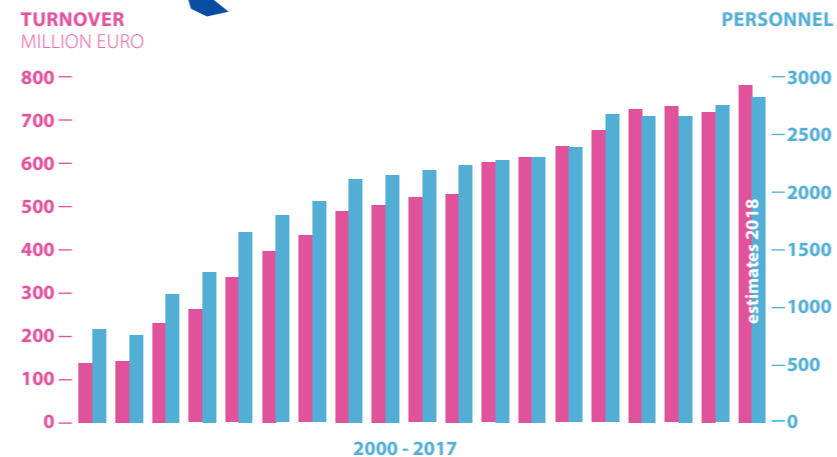
A truly global player

Planmeca Group is one of the leaders in health care technology. We are dedicated to providing better patient care through groundbreaking health care solutions that improve the daily workflow of dental and medical professionals around the world.



Planmeca Group operates in over 120 countries, employing 2,750 people worldwide. Our headquarters and production facilities are located in Helsinki, Finland, where we design and manufacture our world-leading solutions, all under one roof. Over 98% of our products are exported around the world.

Founded in 1971, our parent company Planmeca Oy is the third largest dental equipment manufacturer in the world – and the largest privately owned one.





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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