

# Planmeca Compact™ i5

Designed to last – made to perform



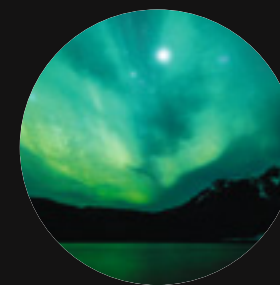
ENGLISH

**PLANMECA**

# Planmeca Compact™ i5

## Five keys to better patient care

*The Planmeca Compact™ i5 dental unit has been built around five central themes – design, wellbeing, cleanliness, intelligence, and evolution. All of these principles are carried through in every detail of the dental unit, resulting in a perfect combination of functionality, durability, comfort, safety, and distinctive aesthetics. It's a dental unit everyone dreams of.*



### Design • User-centric thinking p. 4

- Flexible and user-friendly design adapts to different needs
- Practical and logical design solutions facilitate daily routines
- Durable and high-quality materials stand the test of time
- Sleek and distinctive design complements any dental clinic



### Wellbeing • Relaxed dental team and patients p. 6

- Convenient access to the treatment area thanks to the floating chair and narrowing backrest
- Ideal instrument balance for an ergonomic workflow
- Easy patient entry/exit with automatic legrest
- Comfortable upholstery for an enjoyable patient experience
- Plenty of working space for the dental assistant



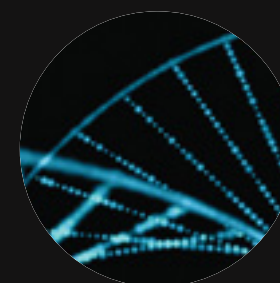
### Cleanliness • A safe treatment environment p. 8

- A fast patient flow:
  - Everything is integrated and automated for faster daily routines
- Ensuring safety for all: patient, dentist, and dental assistant
  - Advanced systems for waterline cleaning
  - Automated suction tube cleaning system
- Advanced quality control:
  - All the infection control functions are guided and recorded



### Intelligence • Smart tools for smart dentistry p. 10

- Fast access to individual dental unit settings
- The dental unit can be easily connected to a network to generate valuable data
- Real-time monitoring of day-to-day operations for clinic staff
- Advanced operational data analytics for business stakeholders



### Evolution • Continuous improvement p. 12

- Designed with the future in mind
- A platform-based solution for future upgrades
- A safe investment

# Design

## User-centric thinking

*The sleek and distinctive design of the **Planmeca Compact™ i5** dental unit has been created to stand the test of time. Our product development is always guided by what we believe contributes to good design – ergonomics, safety, comfort, and aesthetics. In Planmeca Compact i5, these design values have been honed and perfected to the highest level.*

### Compact in size

Minimum space requirements:  
2,200 mm (height) x  
2,780 mm (depth) x  
1,790 mm (width).

Recyclable aluminium is the dental unit's main material for ultimate durability and resistance.

The fast and lightweight **Planmeca Emerald™** intraoral scanner can be used and shared just like any other instrument and operated with a foot control.

All the essential infection control functions are neatly organised in their own compartments for easy access.

The floating chair provides extensive legroom for both the dentist and the assistant.

The smooth and wide delivery arm movements support an ergonomic workflow.

The LED indicator shows the status of the cleaning procedures and can be matched to any upholstery colour.

The wide height adjustment range allows you to work comfortably in different positions.

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

The **Planmeca PlanID™** sign-in system allows fast access to personal dental unit settings with a simple flash of a card.

The intuitive touch panel offers user guidance in 25 languages.

The plug-and-play instruments allow shared instrument use.

The small instrument console can be placed near the patient within easy reach.

The foldable leg rest makes it easy for patients to enter and exit the chair.

You can choose between two high-quality upholstery types that both come in a wide range of vibrant colours.

The foot control can be positioned freely and used to carry out all the necessary functions.

**Robust design for patients of all sizes: a lifting capacity of 185 kg.**



# Wellbeing

## Relaxed dental team and patients

*The Planmeca Compact™ i5 dental unit has been designed to offer the smoothest possible workflow for the dental team and the most enjoyable treatment experience for patients of all sizes and ages. With Planmeca Compact i5, the entire clinic can benefit from stress-free dentistry.*



### Wellbeing for the dentist

Planmeca Compact™ i5 has been designed to make everyday work smoother, more comfortable, and less stressful.

The small instrument console adapts to all working positions, while the ideally balanced instrument arms guarantee an ergonomic use of instruments. The floating chair with a narrowing backrest and the small cuspidor base enable perfect access to the treatment area, allowing you to maintain an ergonomic working position throughout the day.

The Planmeca Solanna™ operating light has been designed to make your workdays brighter by giving you perfect visibility over the entire treatment area.

### Wellbeing for the dental assistant

Planmeca Compact i5 is ideal for both two-handed and four-handed dentistry. It provides plenty of working space for the dental assistant and offers easy access to suction tubes and other essential instruments. Since all the infection control functions are neatly organised in their own compartments, daily routines become more straightforward and less time-consuming.

### Wellbeing for the patient

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.

The foldable leg rest makes it easy to enter and exit the chair – especially important for the elderly and physically challenged patients.

The dental chair design follows the shape of the patient's body and provides firm and comfortable support. The Ultra Relax™ upholstery responds to patient weight and body heat, which is especially appreciated in longer treatment sessions.

# Cleanliness

## A safe treatment environment

*With Planmeca's dental units, clean water is a given – a core value of our product development. The practical design solutions of **Planmeca Compact™ i5** make infection control especially easy, as all the essential functions are neatly organised, integrated, automated, guided, and recorded. A safe environment is guaranteed for both the dental team and the patients.*

Safety for everyone:  
patient, dentist,  
and dental assistant.

### Faster routines for a faster patient flow

In **Planmeca Compact™ i5**, all the essential functions needed for infection control routines are neatly organised in their own compartments for easy access. The delivery arm can be moved to the assistant's side without effort, allowing the dentist to take in a new patient while the infection control routines are still being performed. This speeds up infection control procedures, which in turn means a faster patient flow and improved quality assurance.

### External infection control made easy

The smooth, uniform surfaces of the dental unit make cleaning easy, ensuring impeccable external infection control – a crucial element in safe dental treatment. The metal 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.

### Employee and patient safety comes first

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 no microbial biofilm begins to form in the dental unit waterlines. You can select either periodical or continuous disinfection according to your preferences.

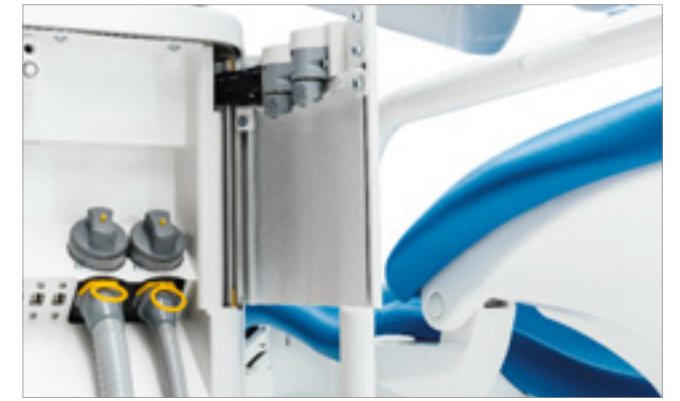
### Superior results for cleaner suction tubes

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 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.

\* 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.



### Easy infection control with **Planmeca Compact™ i5**

- Well organised: Easy access to all the necessary functions
- Integrated: No need for extra accessories
- Automated: Automated functions save time
- Guided: Intuitive touch screen guides the user through all the different steps
- Recorded: Improved quality assurance



# Intelligence

## Smart tools for smart dentistry

*The rapidly changing world of dentistry sets new demands for dental clinics, especially when it comes to increasing efficiency and improving quality assurance practices. That is why we have come up with intelligent digital tools that will help you take the efficiency and predictability of your clinic operations to the next level.*

### Personal settings with Planmeca PlanID™

Planmeca PlanID™ is a unique sign-in system that allows convenient access to personalised dental unit settings with a fast flash of a card. Users can take advantage of their own treatment positions, instrument and language settings, theme colours, and more. With dental units that adapt to the needs of different users instantly, the use of treatment facilities becomes much more flexible – significantly improving overall efficiency.



### Efficiency through information

Even small dental clinics generate large quantities of data every day. Planmeca's digital dental equipment can be easily connected to a network in order to generate valuable data that can be used to increase efficiency and improve quality assurance.

With our intelligent software solutions, clinics can track and follow their patient flow, optimise their capacity through real-time information, and monitor the use of their digital equipment. Both single clinics and group practices can improve their operative planning by basing their evaluations on easy-to-read usage statistics. We offer two different software options:

#### Romexis® Clinic Management

- See clear graphical overviews of the clinic – showing unit status, occupancy, and users
- Achieve time savings with scheduled flushings and mass software updates available for dental units
- Improve risk management with remote monitoring of performed infection control cycles

#### Romexis® Insights

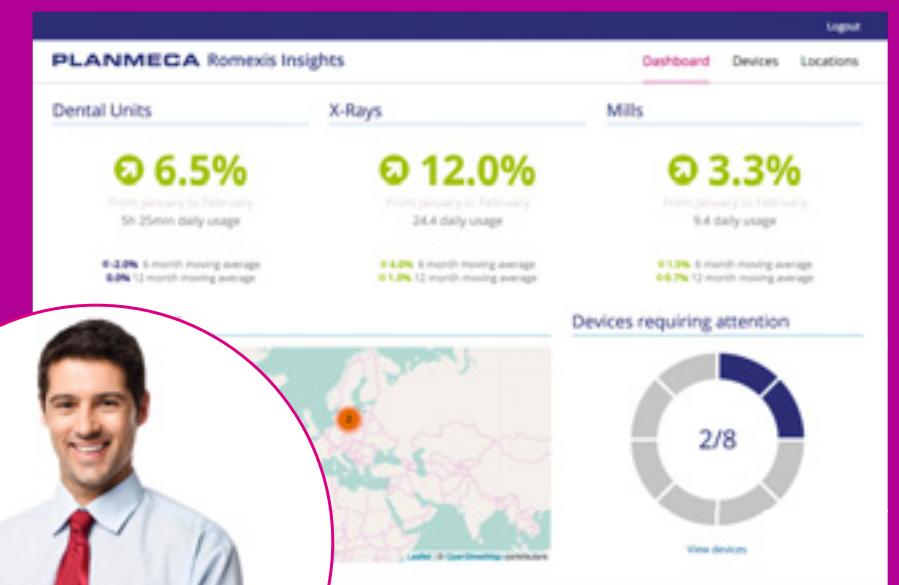
- Monitor equipment from anywhere over the internet – also using mobile devices
- Allow clinic managers to monitor trends, changes and utilisation rates at all clinic sites or at a single clinic
- Allow service technicians and other stakeholders to securely access equipment information



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



### Advanced operational data analytics for business stakeholders with Romexis® Insights



# Evolution

## Continuous improvement

*Planmeca Compact™ i is our most widely sold dental unit, and we constantly update it with new features and functionalities in order to offer dental professionals around the world the best possible working companion. The Planmeca Compact™ i5 dental unit is the culmination of five generations of continuous improvement.*

### Five generations of continuous improvement

The over 50,000 Planmeca Compact™ i users around the world have provided us with continuous and valuable feedback, which has enabled us to refine our most popular dental unit model so that it caters to the needs of today's dental professionals. We constantly update our dental unit with new features and improvements, while keeping the proven and popular features intact. The Planmeca Compact i5 is the culmination of our nearly 50 years of experience in creating user-friendly dental technology.

### A safe and future-proof investment

Our dental units are known for their hundreds of unique options that can be fully customised depending on the user's preferences. To meet the demands of today's dentistry – the increasing infection control and quality assurance demands, different users using the same devices, the constantly growing patient flow, just to name a few – we have created smart, customisable solutions that let dentists concentrate on patient treatment while technology takes care of the rest.

Your Planmeca Compact™ i5 is guaranteed to have a long life span: it has been built so that it can be upgraded with new features and improvements at any time. This makes it a truly future-proof investment.





# The way you want it

## Choose your favourite

*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 instrument arms
- 2** Over-the-patient delivery arm 340 mm with balanced instrument arms
- 3** Over-the-patient delivery arm with hanging tube instruments
- 4** Side delivery with hanging tube instruments







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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