

# PULSE

The heart of digital dentistry



# DIGITAL FREEDOM STARTS WITH PULSE

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

## **P**RECISION

All Planmeca CAD/CAM products are designed to ensure accurate and reliable results at every step of the workflow. From intraoral and desktop scanners to software, milling units, and 3D printers, each product is carefully engineered to maintain consistent quality without deviations.

## **U**SABILITY

Efficient workflows require intuitive tools. All Planmeca CAD/CAM solutions from hardware to software are built for ease of use, enabling fast and smooth operation with minimal effort. Even new users can get started effectively from day one, without the need for extensive training.

## **L**IBERTY

Every dental professional works differently. Planmeca gives you the freedom to shape your workflows your way – ensuring you stay in full control. Our solutions always support your preferred clinical approach, regardless of whether you want to collaborate with external partners or manage everything in house.

## **S**PEED

Planmeca CAD/CAM solutions are designed to make every step of the workflow fast and efficient – without compromising quality. From scanning to manufacturing, faster processes mean more comfortable patient experiences, the possibility of offering same-day treatments, and greater productivity for your clinic.

## **C**OSYSTEM

Planmeca offers a complete platform for CAD/CAM dentistry, where all tools work together seamlessly. Clinical data flows smoothly across the workflow, enabling different team members to complete different steps without interruptions. A complete ecosystem from one manufacturer ensures reliable connectivity, simplifies support and reduces compatibility issues.

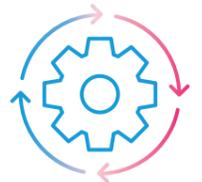
## Why choose Planmeca PULSE™?



Achieve outstanding patient outcomes



Create all restorations and appliances you need



Work without interruptions



Increase productivity and profitability



Enjoy seamless integration across your digital workflow

# SCAN

## Easy-to-use dental scanning solutions

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

### Planmeca Onyx™

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

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



### Planmeca Onyx™ Lab

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



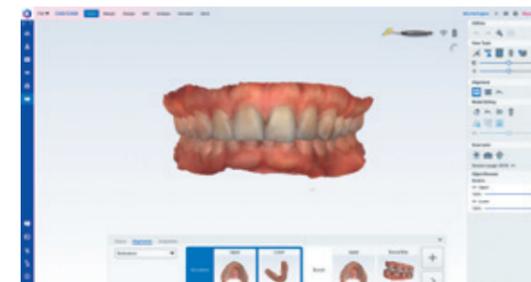
# DESIGN

## CAD/CAM software for all needs

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

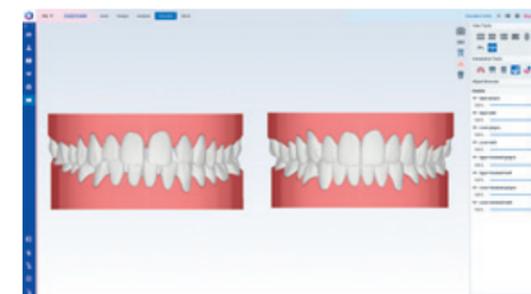


### Match your workflow with Planmeca software



#### Scan and send

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



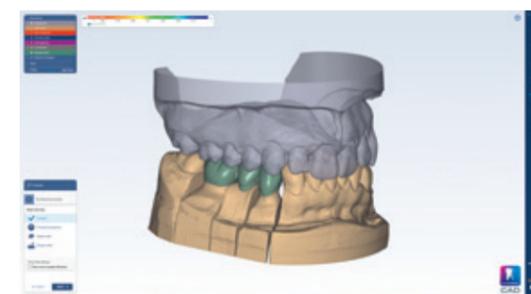
#### Scan and simulate

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



#### Scan, design, and mill

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



#### Design and mill prosthetic works of any kind

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

## Powerful solutions for dental manufacturing

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



### Milling units

#### Planmeca PlanMill® 35

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

#### Planmeca PlanMill® 60 S

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



### 3D printer

#### Planmeca Creo® X

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

# From scan to smile – with Planmeca PULSE™

Planmeca PULSE™ is a fresh approach to digital dentistry that simplifies workflows for both dental practices and laboratories. At the core is a digital scan that unlocks a wide range of treatment options. With seamless data transfer and a unified ecosystem, every case moves smoothly from start to finish – saving time, minimising errors, and supporting excellent clinical outcomes.



## Patient requires a crown

- Scan with Planmeca Onyx™
- Design crown with Romexis®
- Manufacture the crown with Planmeca PlanMill® 35 or Planmeca Creo® X



## Patient needs an implant

- Capture a 3D image with Planmeca CBCT unit
- Scan with Planmeca Onyx
- Create implant plan proposal and design surgical guide with Romexis
- Manufacture the surgical guide and temporary restoration with Planmeca Creo X
- Create permanent crown with Planmeca PlanMill® 60 S or Planmeca Creo X



## Patient requests clear aligner treatment

- Capture cephalometric image with Planmeca imaging unit
- Scan patient with Planmeca Onyx
- Simulate orthodontic treatment results with Romexis
- Add a base into the digital impression to print dental and setup models with Planmeca Creo X
- Send case to HeySmile® clear aligner service



## Patient needs a night guard for bruxism

- Scan with Planmeca Onyx
- Send the scan to Planmeca PlanCAD® Premium software to design a splint
- Manufacture the night guard with Planmeca Creo X



## Patient needs a bridge between two implants

- Scan impression with Planmeca Onyx™ Lab
- Design restoration with Planmeca PlanCAD Premium
- Manufacture the bridge with Planmeca PlanMill 60 S





# Romexis

all-in-one software

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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## PLANMECA

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