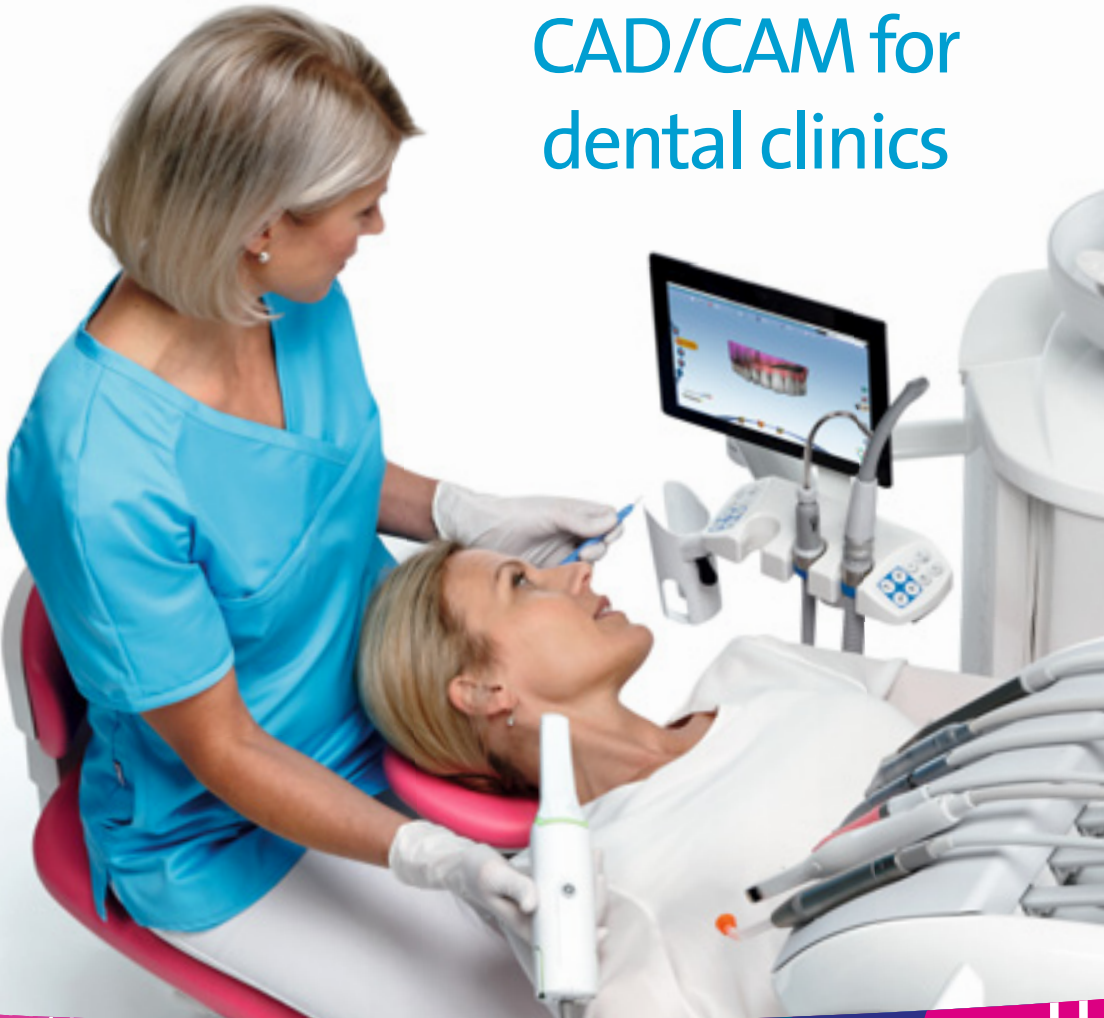


PLANMECAFIT™

CAD/CAM for dental clinics



PLANMECA FIT™

Open CAD/CAM System

*From ultra-fast intraoral scanning to high-precision chairside milling, our cutting-edge digital solutions include all the necessary tools for a completely integrated and digital workflow. The open interfaces between devices and software allow you to choose the entire chairside workflow or smoothly communicate with your partner laboratory via the **Planmeca Romexis® Cloud** image transfer service.*



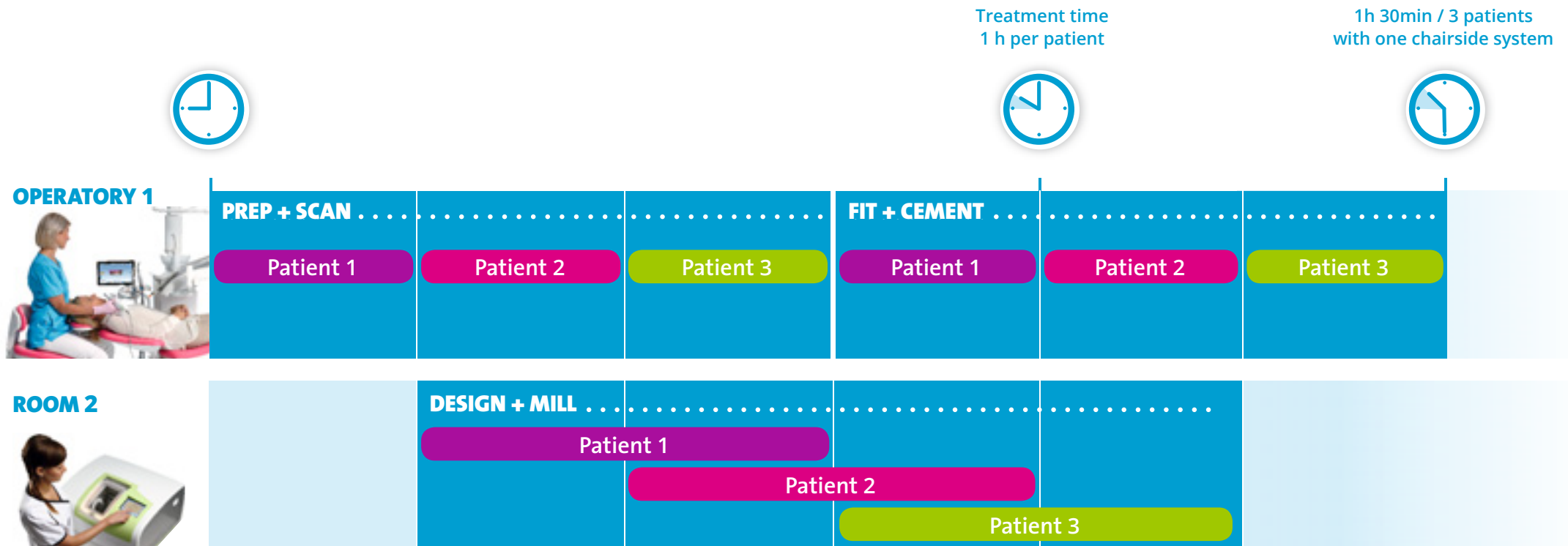
Introduce your patients to a new standard of care

Planmeca FIT™ is a completely streamlined approach to high-quality dental care. Instead of two visits, it allows patients to be treated in one hour – with no temporary crowns or physical dental models required. Ensure patient satisfaction and efficiency at all phases with Planmeca FIT one-hour dentistry!



Experience the most efficient chairside CAD/CAM workflow

The key to maximising your patient flow lies in streamlined efficiency. **Planmeca FIT™** enables you to minimise your clinic's downtime by eliminating non-productive steps. A clear division of work and responsibility will allow you to treat more patients in a shorter period of time and utilise resources to the fullest.



Planmeca PlanScan®

Ultra-fast intraoral scanner for open CAD/CAM

Discover **Planmeca PlanScan®** – our cutting-edge intraoral scanner for accurate digital 3D impressions. This high-performance intraoral scanning solution can be integrated into your digital Planmeca dental unit, or connected to a laptop. Planmeca PlanScan provides a seamless user-experience and supports an ideal digital treatment workflow.

- Colour and grayscale scanning
- Autoclavable and changeable tip in different sizes for impeccable infection control
- Enhanced moisture control with anti-fogging technology
- Powder-free scanning
- Very easy to use
- Enhanced ergonomics
- Real-time, quick scanning
- Accurate results from a single indication to a full arch
- Comfort for the patient and dentist
- Open STL file format
- True dental unit integration
- Works with a laptop – easy to share



Integrate with your Planmeca dental unit or a laptop



Planmeca PlanScan®

The smoothest scanning workflow

Experience chairside scanning like never before with the **Planmeca PlanScan®** intraoral scanner. Its unique integration with Planmeca dental units guarantees a smooth workflow, as real-time scanning data is immediately available from your chairside tablet.

Dental unit integrated intraoral scanner

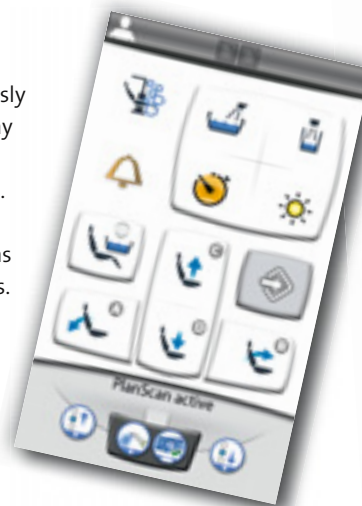
The ultra-fast and accurate **Planmeca PlanScan®** can now be easily integrated into your digital Planmeca dental unit. Due to a chairside integrated Full HD tablet device, you have constant and optimal access to live scanning data. This allows you to focus on clinical work in the treatment area without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

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

Easy and flexible use

Planmeca PlanScan has been designed for an efficient workflow – it is used just like any other instrument and shared effortlessly between different users. The plug-and-play scanner 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.

Scanning is now easier than ever before!



Discover the unparalleled benefits of integrated Planmeca PlanScan:

- 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 scanner 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

Unique foot controlled scanning

What really sets Planmeca PlanScan apart from other scanners is that you can conveniently control its 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.

Planmeca PlanCAD® Easy

Easy and efficient design tool for prosthetic works

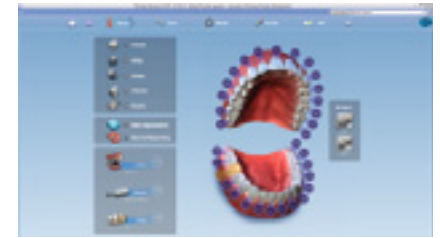
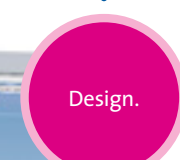
Our open CAD software suite designed especially for dentists is the perfect tool for sophisticated 3D design and planning at a dental clinic. The software is easy and fast to use and ideal for designing prosthetic works from a single crown to bridges.

Immediate access to scans and designs from any Planmeca Romexis® workstation.

- Easy design of inlays, onlays, veneers, crowns and bridges
- Fully automated design from an anatomic tooth library
 - Automatic adaptation to contact strength specified by user
 - Cusps, marginal ridge and other anatomical shapes are taken to the design from the adjacent teeth
 - Minimum material thickness is applied to the design for long-lasting results
- Design up to 16 teeth in the same session
- Superimposed camera view for easy marking of margins
- User-friendly tools to modify the shape and look of the design
- Automatic saving for flexible usage
- Only five steps from work description to milling
- Part of the **Planmeca Romexis®** software with flexible licensing



Only five steps from work description to milling



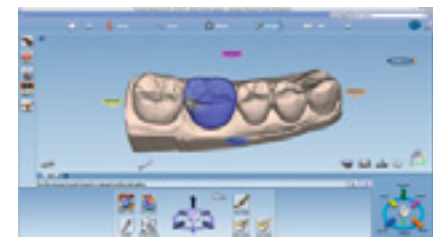
Step 1. Work description



Step 2. Scan



Step 3. Margin line



Step 4. Design



Step 5. Manufacturing
– send to Planmeca PlanMill® 40

Planmeca PlanMill® 40

High-precision milling unit for dental practices

The **Planmeca PlanMill® 40** milling unit enables quick and accurate milling directly at a dental clinic. The 4-axis milling unit is designed for ceramics and resin-based materials.

- Two high-speed spindles (50 000 rpm)
- Automatic tool changer for 6 tools (3 tools for each side)
- Simultaneous 4-axis milling
- For blocks up to 60 mm in length
- Different strategies for different materials – optimized speed without compromising quality
- Perfect milling even for ultra thin veneers
- Automated tool quality control after each milling
- Computer-controlled operations – the system tells the user when to change tools and water

Materials

Ceramic materials

IPS e.max CAD,
IPS Empress CAD

Resin-based materials

Ivoclar Telio CAD



The pioneering Planmeca Romexis® Clinic Management software module

Features for Planmeca PlanMill® 40

- Real-time monitoring of task status
- Milling statistics
- Diagnostic log view
- Quick guides



Planmeca PlanScan® intraoral scanner

Indications	Inlays/onlays, veneers, crowns, bridges, full arches, scan bodies
Integration	Integrated into a Planmeca dental unit or connected to a laptop
Data output	Scans of lower and upper arches in occlusion exported as open STL files
Scanning options	Colour and grayscale
Scanning tips	Removable, autoclavable, sterilisable
Field of view (width x height)	Colour tip: 11.8 x 18.0mm Size 2, Standard tip: 15.0 x 20.0mm Size 1, Landscape tip: 12.7 x 9.2mm Size 0, Portrait tip: 12.5 x 11.8mm
Anti-fogging technology	Actively heated tip, guaranteed non-fogging operation when used intraorally
Capturing speed	Video capturing displaying over 10 aligned 3D data sets per second
Scanning software support	Windows 8
Cable interface	Firewire 800 or Thunderbolt (via adapter)

Planmeca PlanCAD® Easy software

Indications	Inlays/onlays, veneers, crowns, bridges
Floating licences	Full scan and design licence Scan only licence Design only licence

Planmeca PlanMill® 40 milling unit

Power requirements	120/240 VAC
Mains frequency	50/60 Hz
Power input	300 W
Weight	100 kg (220 lbs)
Dimensions when closed (W x H x D)	676 x 399 x 605 mm (26.6 x 15.7 x 23.8 in.)
Minimum required clearances	Front 610 mm (24 in.) Sides 50 mm (2 in.) Rear 25 mm (1 in.) Top 305 mm (12 in.)
Storage temperature	-40°C to 70°C (-40°F to 158°F)
Operating conditions	10°C to 38°C (50°F to 100°F) 10% to 90% relative humidity maximum altitude 2000 meters
Air supply requirements	Pressure and flow: Constant 3.5–9.0 bar (50–130 psi) Minimum 60 l/min (2 cfm) Air purity: Solid contaminants (class 3); filtration level better than 5 µm for solids Water content (class 4); maximum pressure dew point +3 °C Total oil content (class 3); maximum oil content 1 mg/m³
Cooling lubricant tank	4 liters
Tool Changer	6 tool positions, automated
Spindle	50 000 rpm
Data connection	Cat6 Ethernet cabling

PLANMECA

Asentajankatu 6 | 00880 Helsinki | Finland | tel. +358 20 7795 500 | sales@planmeca.com | www.planmeca.com

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