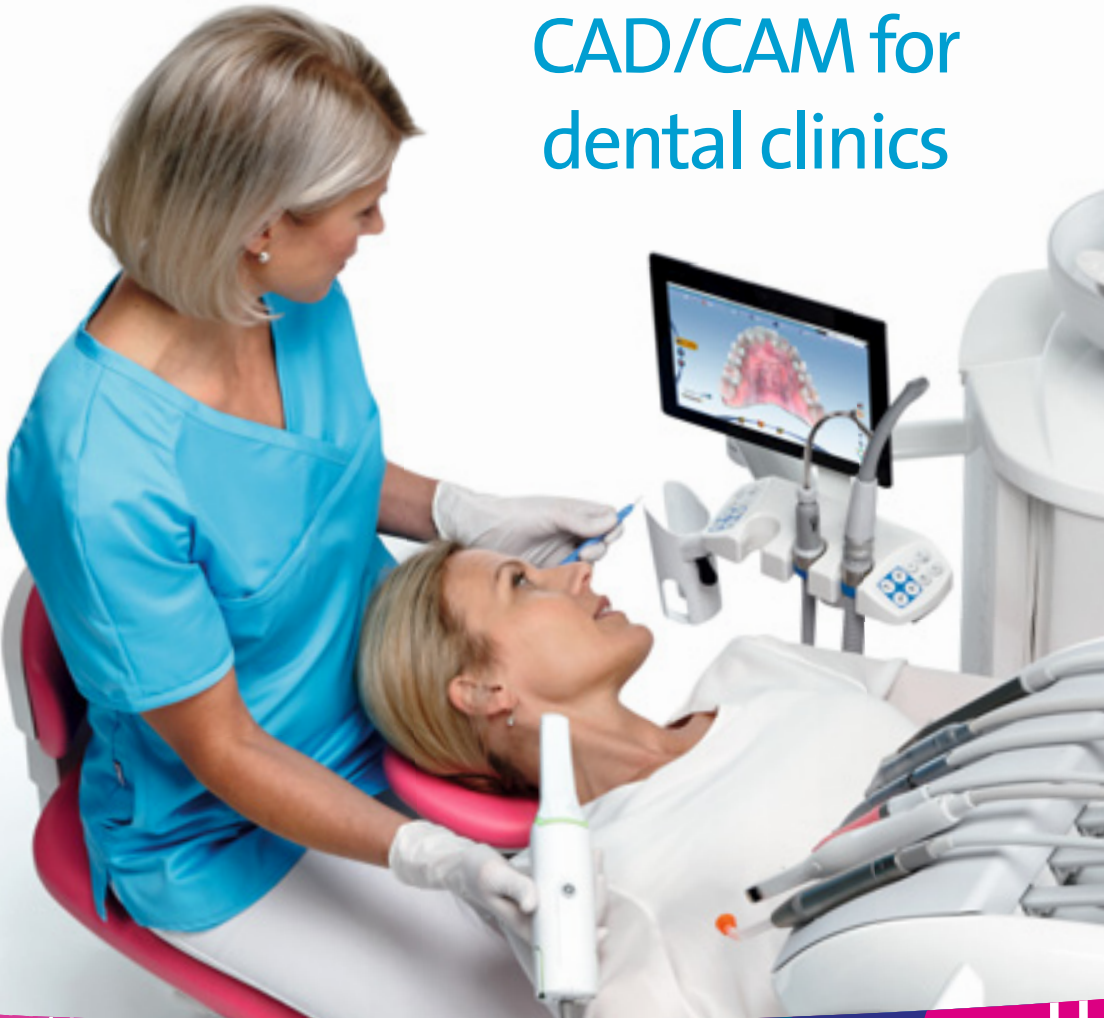


PLANMECAFIT™

CAD/CAM for dental clinics

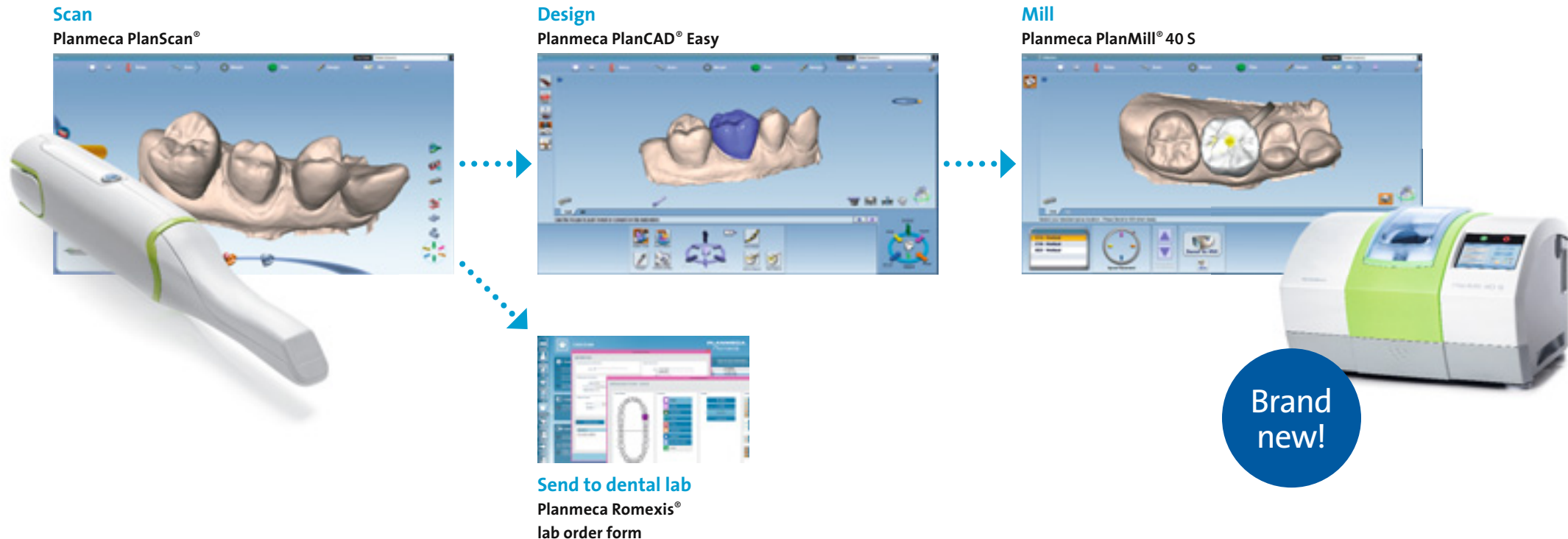


ENGLISH

PLANMECA

CAD/CAM for dental clinics

From ultra-fast intraoral scanning to sophisticated designing and high-precision chairside milling, our cutting-edge **Planmeca FIT™** system for dental clinics includes 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

Complete patient satisfaction

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 full patient satisfaction and efficiency at all phases with Planmeca FIT one-hour dentistry!

Room 1



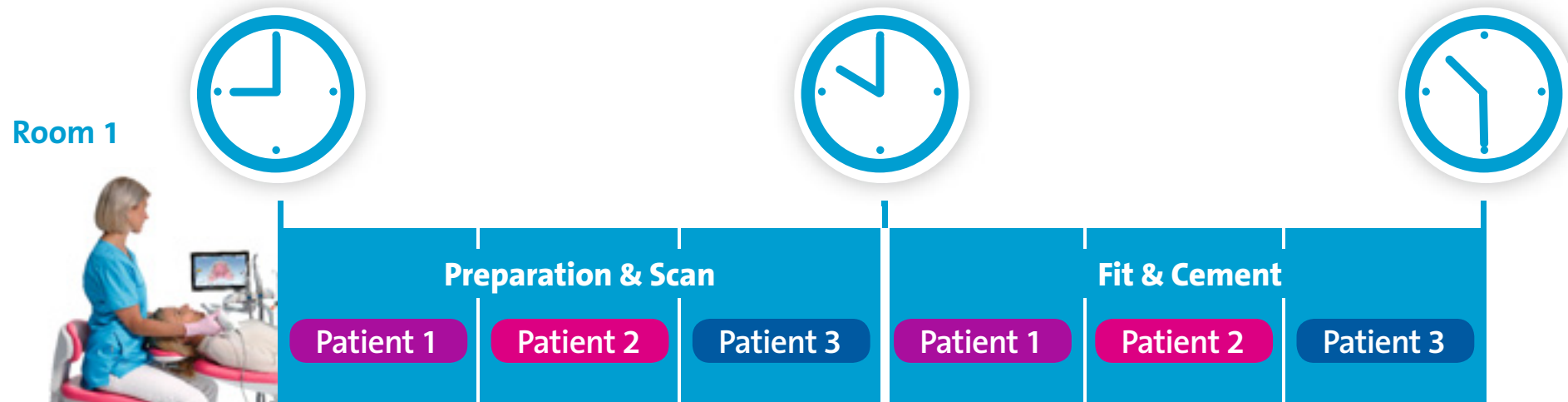
Room 2



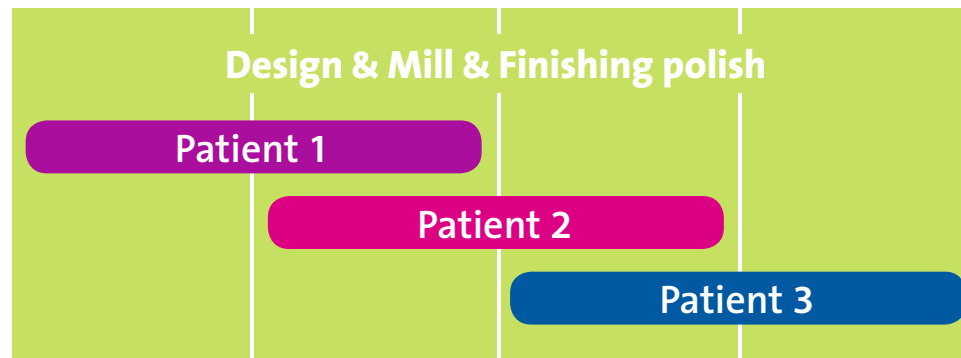
Experience the most efficient chairside CAD/CAM workflow

Maximised uptime

The key to ensuring an optimal patient flow lies in streamlined efficiency. **Planmeca FIT™** enables you to maximise your clinic's uptime 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.



Room 2



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.

Use with your Planmeca dental unit or a laptop

- Colour and grayscale scanning
- Autoclavable and changeable tips in different sizes for impeccable infection control
- Powder-free scanning
- Moisture control with built-in anti-fogging technology
- Real-time scanning with sound guidance
- Accurate scans from a single unit to a full arch
- Open STL file format
- True dental unit integration
- Plug-and-play device – easy to share

The unparalleled benefits of dental unit 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
- Can be upgraded to any Planmeca dental unit
- Can be shared between different operatories

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 8.1 (64 bit) and Windows 10 (64 bit)
Cable interface	Firewire 800 or Thunderbolt (via adapter)



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 designing and planning at a dental clinic. The software is easy and fast to use and ideal for designing a wide range of prosthetic works – from a single crown to bridges.

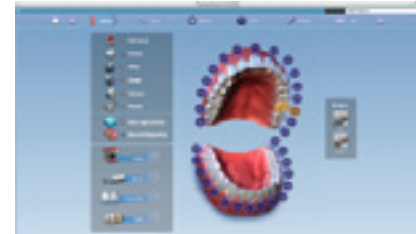
Smooth usability and automatic design of restorations

- Extensive range of indications: crowns, abutments, inlays, onlays, veneers, and bridges
- User-friendly designing – fast, easy, and carefree
 - automatic saving
 - automatic design: contact strength, anatomical shape, and minimum material thickness
- Option to modify anatomics manually after automatic designing
- Part of the **Planmeca Romexis®** software



Indications	crowns, abutments, inlays, onlays, veneers, bridges
Floating licences	Full scan and design licence Scan only licence Design only licence Mill only licence
Operating systems	Windows 8.1 (64 bit) and Windows 10 (64 bit)

Simple workflow from description to milling



Work description



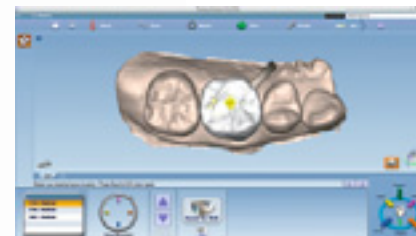
Scan



Marking margin line



Design



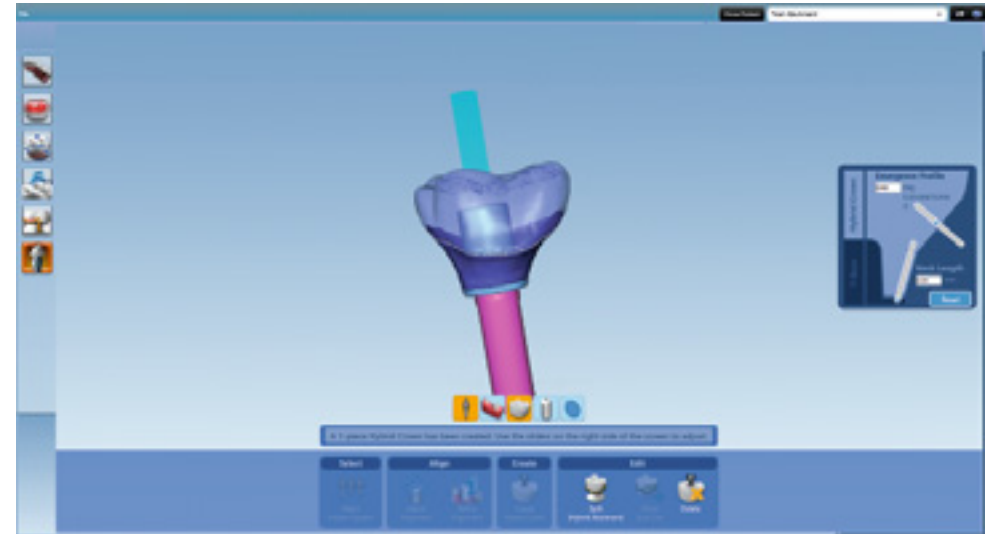
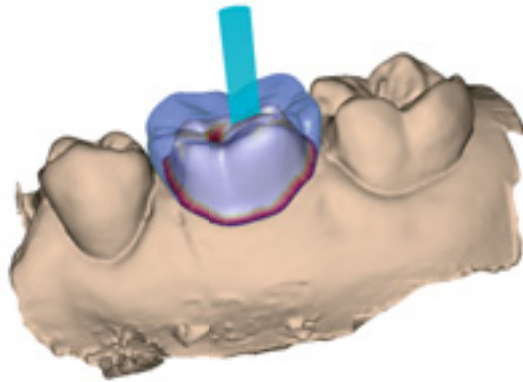
Manufacturing – send to Planmeca PlanMill® 40 S

Planmeca PlanCAD® Easy

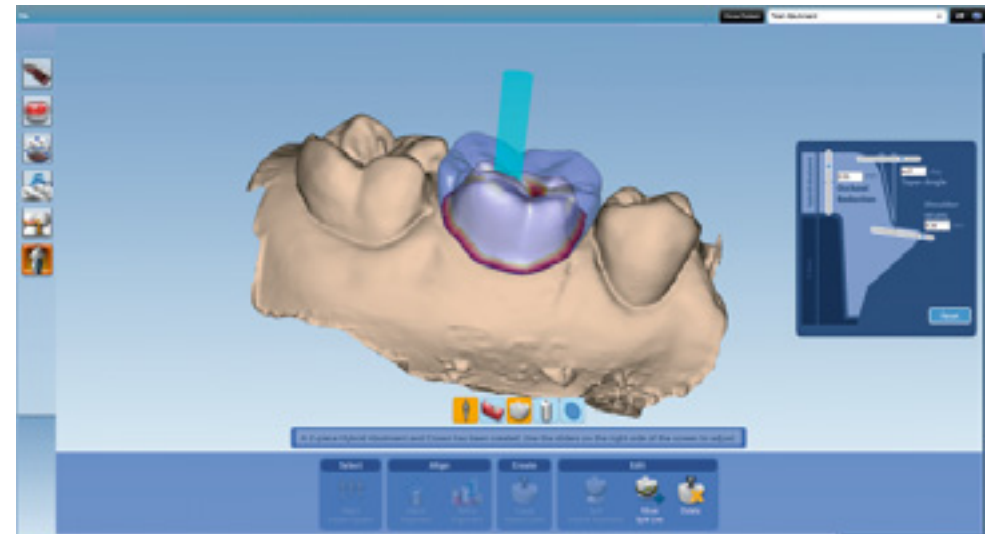
Seamless implant workflow for clinics

The **Planmeca PlanCAD® Easy** software's new implant crown workflow is an ideal solution for efficient dental clinics. It allows you to design screw retained implant crowns and manufacture them chairside with the **Planmeca PlanMill® 40 S** milling unit.

- Scanning workflow for implant crowns
- Easy three-point alignment of scan body scans to the corresponding implant library information
- Screw-retained, full-anatomical implant crowns on titanium bases
- Option to create a two-piece restoration with an individual abutment and cemented suprastructure
- Tools for creating an optimal emergence profile and support for supra-structure
- The software prevents the design of abutment geometries that conflict the suprastructure's material integrity



Emergence profile design for a one-piece hybrid abutment



Creation of a two-piece hybrid abutment and crown

Manufacturer/Product	Implant	Implant analog	Scan Abutment	Ti-base
Nobel Biocare/ Nobel Active	narrow platform (NP) Ø 3.5	Implant Analog 3.5	Elos Accurate IO 2 B-A SA Scan Abutment	Viteo Base Ti NB-NA 3.5 S Viteo Base Ti NB-NA 3.5 L
	regular platform (RP) Ø 4.3	Implant Analog 4.3	Elos Accurate IO 2 B-B SA Scan Abutment	Viteo Base Ti NB-NA 4.3 S Viteo Base Ti NB-NA 4.3 L
	regular platform (RP) Ø 5.0	Implant Analog 5.0	Elos Accurate IO 2 B-B Scan Abutment	Viteo Base Ti BI-OC 5.0 S Viteo Base Ti BI-OC 5.0 L
Biomet 3i/ Certain	Ø 3.4	Implant Analog 3.4	Elos Accurate IO 7 B-A Scan Abutment	Viteo Base Ti BI-OC 3.4 S Viteo Base Ti BI-OC 3.4 L
	Ø 4.1	Implant Analog 4.1	Elos Accurate IO 7 B-B Scan Abutment	Viteo Base Ti BI-OC 4.1 S Viteo Base Ti BI-OC 4.1 L
	Ø 5.0	Implant Analog 5.0	Elos Accurate IO 7 B-B Scan Abutment	Viteo Base Ti BI-OC 5.0
Astra Tech AB/ OsseoSpeed	Ø 3.5/4.0	Implant Analog 3.5/4.0	Elos Accurate IO 3 A-B SA Scan Abutment	Viteo Base Ti AT-OS 3.5/4.0 S Viteo Base Ti AT-OS 3.5/4.0 L
	Ø 4.5/5.0	Implant Analog 4.5/5.0	Elos Accurate IO 3 A-C SA Scan Abutment	Viteo Base Ti AT-OS 4.5/5.0 S Viteo Base Ti AT-OS 4.5/5.0 L

Planmeca PlanMill® 40 S

Powerful and precise unit for milling at clinics

Planmeca PlanMill® 40 S is our brand new unit for fast and accurate milling directly at a dental clinic. With its enhanced performance and numerous smart features, the unit offers the most advanced milling experience on the market.

- State-of-the-art design
- Linear motors for the highest accuracy
- On-board computer for an independent workflow and optimal control
- Fast milling speed – 80,000 RPM and 8–10 minutes per restoration
- Expanded range of applications – abutments, crowns, inlays, onlays, veneers, and bridges
- Automated tool changer for 10 tools
- Smart tool paths – optimised to suit material characteristics
- Guided maintenance – from daily cleanings and water changes to annual preventive maintenance notifications
- Abutment block milling support for TelioCAD and e.max – Includes hole detection and correct sprue placement for locking cam

Materials	Ceramic materials: IPS e.max CAD, IPS Empress CAD, Vita Suprinity PC, Vitablocs TriLuxe forte, Vitablocs Mark II Hybrid ceramic materials: Vita Enamic, GC Cerasmart Resin-based materials: Ivoclar Telio CAD Zirconium materials: IPS e.max ZirCAD
Power requirements	100/240 VAC
Mains frequency	50/60 Hz
Power input	1000 W
Weight	72.6 kg (160 lbs)
Dimensions when closed (W x H x D)	661 x 455 x 508 mm (26 x 17.5 x 20 in.)
Minimum required clearances	Sides 51 mm (2 in.), Rear 51 mm (2 in.), Top 305 mm (12 in.)
Storage temperature	-40–70°C (-40–158°F)
Operating conditions	15–35°C (59–95°F); 0–90% relative humidity; maximum altitude 2000 meters (6,592 feet)
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	3.4 l
Tool Changer	10 tool positions, automated
Spindle	80 000 rpm
Data connection	Cat5 or Cat6 Ethernet cabling

Brand new!



The pioneering Planmeca Romexis® Clinic Management software module

Features for Planmeca PlanMill® 40 S



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

THE POWER OF THE PERFECT **FIT**



PLANMECA **FIT**[™] Open CAD/CAM System

PLANMECA

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