VETERINARY SOLUTIONS
Planmeca Group
Better care through innovation

"Planmeca Group has been introducing pioneering innovations in healthcare technology for more than 45 years. We are dedicated to better patient care through advanced solutions that improve the daily workflow of dental, medical and veterinary professionals around the world. Our passion for R&D and our close collaboration with healthcare and veterinary professionals as well as leading universities have brought us unrivalled scientific knowledge and an in-depth understanding of clinical workflows.

As a privately owned company, we are in control of our own destiny and able to make the long-term R&D commitments that are the driving force behind our innovations. We firmly believe that this dedication to continuous development will enable us to make your work easier and more efficient for many years to come.

We are thrilled to invite you to discover Planmeca’s world of veterinary solutions!"

Heikki Kyöstilä
President and founder
Planmeca Group
Veterinary solutions
For better care and more efficient work days

Planmeca ProX™
intraoral X-ray unit

Planmeca ProSensor® HD
sensor system

Planmeca ProScanner® 2.0
imaging plate scanner

Planmed Verity®
CBCT unit

Planmeca Romexis®
software

Planmeca Compact™
Touch
dental unit

LM-Dental
hand instruments

Discover
the world of
Planmeca veterinary solutions
Planmeca ProX™

Versatile intraoral X-ray unit

The Planmeca ProX™ intraoral X-ray unit offers easy and precise positioning, a straightforward imaging process, and top quality images in high resolution. With its unique features and practical design, Planmeca ProX makes imaging teeth, jaws, joints, and paws easy.

Highly adaptable unit

The steady X-ray unit arm enables the accurate and drift-free positioning of the lightweight tube head. Thanks to its flexible installation options, the unit can be suited to most clinic layouts.

Planmeca ProX™ adapts to both short-cone and long-cone imaging techniques. For maximum radiation hygiene, an additional rectangular collimator can be adapted to the long cone.

Quick imaging parameter settings

Planmeca ProX comes pre-programmed with quick settings for different exposure value combinations. Simply select the image receptor to automatically adapt the pre-programmed settings for film, imaging plate or digital sensor. Together with the Planmeca Romexis® software, Planmeca ProX guarantees a smooth workflow.

Faster X-ray examinations with digital sensor

For the ultimate user-friendly experience, use Planmeca ProX together with the Planmeca ProSensor® HD digital sensor system. The image is displayed on the screen just seconds after exposure, significantly reducing the time needed for an intraoral X-ray examination compared to conventional film.

Flexible installation options

Easy integration with the Planmeca ProSensor HD digital sensor system. A smooth magnetic connection enables one-handed operation.

Key features:
- Ready integration with Planmeca ProSensor® HD
- Versatile installation options
- Pre-programmed quick settings
Planmeca ProSensor® HD

Sturdy and easy-to-connect HD intraoral sensor

The Planmeca ProSensor® HD intraoral sensor offers a unique combination of unparalleled image quality, high-end design, and optimal usability.

Patient-centred design
Planmeca ProSensor® HD is available in three different sizes. The rounded sensor edges and fast procedure ensure patient comfort, and the images are ready in a matter of seconds.

Made to last
For optimal endurance, the sensor cable has been reinforced and contains only two wires. The sensor’s unique inside protection guards against biting and impacts.

Every layer designed to achieve the perfect result
- White housing enhances visibility for easy positioning
- Carbon fibre plate protects against bites and other external impacts
- Shock absorbing layer protects against impacts
- Scintillator sharp images, no blurring
- Fibre optic plate (FOP) high signal-to-noise ratio (SNR) and modulation transfer function (MTF)
- Optical coupling perfectly optimised for a vivid image throughout the image area
- CMOS image sensor HD class camera
- LTCC electronics durable sensor
- Back scattering shield reliable patient protection and sharp images
- Cable only two wires and a Kevlar coating for premium durability

Exceptional image quality
With a resolution of more than 20 lp/mm, Planmeca ProSensor HD offers real HD image quality. The advanced imaging sensor with its fibre-optic layer captures sharp, low-noise and high contrast images, while the wide dynamic range of the sensor ensures successful results every time.

Optimal usability
Planmeca ProSensor HD can be easily integrated into the Planmeca ProX™ Intraoral X-ray unit or connected to a PC via Ethernet or USB. The control box is equipped with a colour-coded LED light for instant visual feedback on the imaging procedure. The hermetically sealed housing ensures effective infection control.

Key features:
- Sharp and low-noise images with high contrast
- Durable design protects from impact
- Smooth magnetic connection enables one-handed operation
Planmeca ProScanner® 2.0
User-friendly and reliable imaging plate scanner

Our new Planmeca ProScanner® 2.0 imaging plate scanner is a high-quality option for fast and dependable intraoral imaging. With intelligent design details and outstanding durability, the scanner supports everyday tasks at a veterinary clinic – providing reliability that is hard to match.

Reliable and dependable
Planmeca ProScanner® 2.0 has been designed to be a seamless part of your clinic’s workflow. It is a true workhorse imaging plate scanner that is maintenance-free and extremely durable. The compact scanner fits into any room, helping all clinics prevent downtime and ensure maximum efficiency.

Smart imaging plates
Planmeca ProScanner 2.0 utilises RFID technology for fast scanning and identification. The scanner’s high-quality plates can be used numerous times and the integrated eraser instantly prepares them for further imaging. The thin plates are available in sizes 0, 1 and 2.

Easy to use
Planmeca ProScanner 2.0 significantly speeds up your intraoral imaging workflow with its fast scanning process. Just insert the imaging plate, scan it and diagnose the captured image. If the wrong side of the plate is accidentally exposed, it is easy to notice immediately from the captured image.

Planmeca Romexis® software integration
Each imaging plate is equipped with a digital serial number so you can sort, view, and compare images for quality control, as well as count exposures by using the serial number of each plate in the Planmeca Romexis® software.

Key benefits
• Maintenance-free imaging plate scanner designed for active use
• Smart and durable Planmeca imaging plates
• Accelerated workflow due to a streamlined imaging process
Planmed Verity®
Compact and mobile high-resolution 3D tomography scanner

The Planmed Verity® 3D tomography scanner provides high-resolution volumetric images of your patient at especially low patient doses.

Excellent image quality at a low dose
CBCT technology offers unlimited contrast and the highest available resolution for patient anatomy. Planmed Verity® is designed to find even subtle fractures, and the specialized imaging functions and tools also provide a low dose imaging technique. Meanwhile, the fast scanning requires less time under anesthesia.

Perfect patient positioning
The motorised tilt and up-and-down movements of the device ensure optimal patient positioning and user ergonomics. As you position the patient, an integrated video camera gives you more visibility.

Compact and mobile
The compact and mobile Planmed Verity brings 3D imaging directly to where the patient is. When not in use, the scanner is easy to move around and store in another location. Its mobility enables flexible room design solutions even when space is limited.

Key features:
- Easy to move and compact
- Unlimited contrast and the highest available resolution offered by CBCT
- Fast scanning – scan complete in less than 30 seconds

Why choose Cone Bean Computed Tomography?
- CBCT imaging is a non-invasive method for imaging bone structure and teeth
- Can be used for designing, planning, and performing oral and maxillofacial surgery
- Helps to plan treatments for facial trauma, tumors, jaw fractures, and dental problems, among others
- The thin, sharp image slices can be viewed in the software from any angle

Planmed Radiation Shield
For your safety
Planmeca Romexis®
Advanced software for all veterinary imaging needs

Planmeca Romexis® is a comprehensive and easy-to-use software with features and functionalities designed especially for veterinary needs.

All-in-one software
Planmeca Romexis® is the software of choice for viewing and processing 2D and 3D images. With its complete set of tools for viewing images, enhancement, measurement, drawing, and annotations, Planmeca Romexis improves the diagnostic value of radiographs.

Streamlined imaging with imaging templates
With Planmeca Romexis, taking a full intraoral mouth series is easy. The software numbers the acquired images automatically and places them in their predetermined slots in the correct order and with the right orientation. The software supports teeth numbering for both cats and dogs.

Open and compatible
Planmeca Romexis is an open software platform which integrates directly with practice management software. All images can be imported and exported in standard image formats. A full DICOM compatibility allows connecting to hospital imaging systems, while third party image plate scanners and digital cameras can be connected via the TWAIN interface.

Practical patient record system
Planmeca Romexis patient record cards are designed especially for veterinary use. Register both patient and owner information to make full use of the record system and its search functionalities.

Sharing results
Easily transfer images and consult your colleagues via the Planmeca Romexis® Cloud service. Share images and expertise securely with all partners who use Planmeca Romexis, Planmeca Romexis® Viewer, or the Planmeca mRomexis™ mobile application.

Download the free Planmeca Romexis Viewer application for Mac and Windows from planmeca.com/viewer
Download the Planmeca mRomexis mobile application for iOS and Android from the App Store or Google Play.

Key features:
• Software for all 2D and 3D imaging and CAD/CAM needs
• Open software solution
• For Mac and Windows
• Compatible with third party devices such as digital cameras and plate scanners

Alongside owner information the system also enables registering patient information, including the species of the patient.
Individual implants with Planmeca ProModel™

Precise fit with individual design
The Planmeca ProModel™ service designs and manufactures implants to match individual form, ensuring an exact fit to the patient’s anatomy. The service also includes 3D printed anatomical models and surgical guides for planning and performing surgery.

Improved patient safety
Compared to conventional methods, the 3D products manufactured by Planmeca ProModel can both reduce operation times and improve the accuracy of the surgical procedure. This means safer procedures, shorter recovery times, and better aesthetic results — as well as reduced overall costs for the clinic.

Superior visualisation
CBCT images offer clear visualisations which give you an instant overview of the patient’s anatomy. The 3D image is easy to navigate and can be cut and sliced in all possible ways to analyse the inner anatomical structures.

Advanced 3D treatment planning
Planmeca Romexis® 3D includes many advanced features for diagnosis such as measurement tools for lengths, angles, and volumes, annotation tools and tools for segmenting an individual tooth from a 3D image. The software also allows comparing 3D images captured at different times in a way which enables observing possible changes in the anatomy.

Smooth communication
Planmeca Romexis 3D makes it easy to communicate with both the patient’s owner and treatment team. 3D images can be sent securely using the Planmeca Romexis® Cloud service or burned onto a DVD with Planmeca Romexis® Viewer. Create 2D images of the acquired 3D images and print images directly from the software.

Planmeca Romexis® provides a rich set of tools for advanced 3D diagnostics and treatment planning. 3D images are processed in the same platform as 2D images, which makes using the software easy and effortless.

Specially designed tools for 3D diagnostics
Planmeca Compact™ iTouch

Customisable dental unit for all needs

The Planmeca Compact™ iTouch dental unit makes everyday work easy and efficient. It is the perfect fit for all purposes – from entry-level to specialist needs.

Perfectly balanced

Planmeca Compact™ iTouch 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

Clever add-ons

Planmeca Solanna™ operating light

The uniform light field of Planmeca Solanna™ offers perfect visibility over the entire treatment area with easily adjustable brightness and colour temperature.

Handpieces for easy access and use

Planmeca’s comprehensive selection of handpieces provides the perfect tools for accessing places otherwise hard to reach. The non-circular profile offers enhanced stability, precision, and orientation.

Planmeca Olo™ saddle stool

Planmeca Olo™ enables a natural sitting position during treatment sessions. The height of the stool is easy to adjust while the incomplete circle shape of the foot ring allows close proximity to the patient as well as other stools. The exceptional design also features handles.
LM-Dental hand instruments
Ergonomic hand instruments with non-slip grip

High quality manual and mechanical dental instrumentation and instrument tracking solutions.

Ergonomic design
Ergonomics is a core principle of LM-Dental’s product development. The elastic silicone coating guarantees a light, non-slip grip, while the lightweight construction makes every instrument easy to hold.

Traceability with RFID technology
The LM Dental Tracking System™ (DTS) is the solution for everyday traceability and documentation at the modern clinic. An intelligent RFID chip can be integrated into the LM-ErgoSense instrument handle to efficiently trace, track, monitor, and control the instruments and materials at the clinic.

Lasting sharpness
Sharp Diamond is LM-Dental’s range of revolutionary periodontal instruments for lasting and superior sharpness. Thanks to their new micro membrane coating, the Sharp Diamond instruments are completely sharpen free.

Key features:
- Lightweight structure and large handle diameter
- Traceability with colour coding and RFID technology
- Pioneering sharpen free periodontal instruments
- LM-ProPower piezo scaler for ultimate efficiency
Planmeca ProScanner® 2.0

- **Detector system:** Mobile cart delivery with hanging tube instruments
- **Metric frequency:** 50/60 Hz
- **Frame:** Cast aluminum alloy
- **Mirror reflector:** Fiber optic + MTP fiber optic
- **Air inlet pressure:** 550–660 kPa BB–130 psi

Planmeca ProSensor® HD

- **Supported 2D modalities:** Panoramic, Cephalometric, 2D linear tomography
- **Supported 3D modalities:** 3D CBCT
- **Supported photo sources:** Digital camera or scanner (DICOM Import/Export)

Planmeca Compact™ i Touch

- **Supported 3D modalities:** DICOM 3.0
- **Supported photo sources:** DICOM Import/Export
- **Supported 2D modalities:** DICOM Worklist

Planmeca Romexis®

- **Installation options:** Client–Server
- **Image size:** 2D X-ray image: 1–9 MB

Planmeca Verity™

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** Intraoral

Planmeca Verity™, dimensions

- **Image format:** JPEG or TIFF (2D images)
- **Supported photo sources:** Digital camera or scanner (DICOM Import/Export)
- **Image formats:** JPEG, PNG, BMP (imports/exports)

Planmeca ProX™, installation options

- **Ceiling mount:**
  - Dimensions: 305°
- **Mobile stand:**
  - Dimensions: 360°
- **Floor column:**
  - Dimensions: 550°

Planmeca ProX™, mobile stand, dimensions

- **Ceiling mount:**
  - Dimensions: 305°
- **Mobile stand:**
  - Dimensions: 360°
- **Floor column:**
  - Dimensions: 550°

Planmeca ProX™, mobile stand, dimensions

- **Ceiling mount:**
  - Dimensions: 305°
- **Mobile stand:**
  - Dimensions: 360°
- **Floor column:**
  - Dimensions: 550°

Planmeca ProSensor® HD

- **Supported 2D modalities:** Panoramic, Cephalometric
- **Supported 3D modalities:** DICOM 3.0
- **Supported photo sources:** DICOM Import/Export

Planmeca Compact™ i Touch independent cart, dimensions

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** DICOM Worklist

Planmeca ProX™, dimensions

- **Weight:** 29 kg (64 lbs)
- **Electrical classification:** Class I Type B
- **Duty cycle:** 1:13.5
- **Mains voltage:** 100 V~/110 – 115 V~/220–240 V~, 50/60 Hz

Planmeca ProSensor® HD

- **Supported 2D modalities:** Panoramic, Cephalometric
- **Supported 3D modalities:** DICOM 3.0
- **Supported photo sources:** DICOM Import/Export

Planmeca Compact™ i Touch

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** DICOM Worklist

Planmeca Verity™

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** Intraoral

Planmeca Verity™, dimensions

- **Image format:** JPEG or TIFF (2D images)
- **Supported photo sources:** Digital camera or scanner (DICOM Import/Export)
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- **Supported 2D modalities:** Panoramic, Cephalometric
- **Supported 3D modalities:** DICOM 3.0
- **Supported photo sources:** DICOM Import/Export

Planmeca Compact™ i Touch

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** DICOM Worklist

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- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** Intraoral

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Planmeca ProX™

- **Supported 2D modalities:** Panoramic, Cephalometric
- **Supported 3D modalities:** DICOM 3.0
- **Supported photo sources:** DICOM Import/Export

Planmeca Compact™ i Touch

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** DICOM Worklist

Planmeca Verity™

- **Supported 3D modalities:** 3D CBCT
- **Supported 2D modalities:** Intraoral

Planmeca Verity™, dimensions

- **Image format:** JPEG or TIFF (2D images)
- **Supported photo sources:** Digital camera or scanner (DICOM Import/Export)
- **Image formats:** JPEG, PNG, BMP (imports/exports)
Planmeca designs and manufactures a full line of industry-leading dental and medical 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, all-in-one software

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