

# Planmeca ProMax® 3D Plus

The Planmeca ProMax® 3D Plus offers a truly versatile system for advanced dentistry. Its large Ø15x15 cm flat panel sensor can image the airway, condyles, sinuses, and full dentition. Clinicians will feel a sense of familiarity as the ProMax 3D Plus has a field-of-view similar to that of a 2D pan.



Planmeca ProMax® 3D Plus

## volume sizes

Ø20 x 10 cm  
Ø20 x 6 cm  
Ø16 x 10 cm  
Ø16 x 6 cm  
Ø10 x 10 cm  
Ø10 x 6 cm  
Ø8 x 8 cm  
Ø8 x 5 cm  
Ø4 x 8 cm  
Ø4 x 5 cm



## Product features

- Planmeca Ultra Low Dose™ provides an average reduction in radiation dose of 77% – without a statistical reduction in image quality<sup>1</sup>
- Planmeca CALM® technology corrects patient movement in CBCT acquisition, a problem in 21-43% of 3D images<sup>2</sup>
- AINO (Adaptive Image Noise Optimizer) and ARA (Artifact Removal Algorithm) minimize noise and distortion from artifacts without losing valuable details
- Endodontic mode has one of the industry's highest resolutions of 75 µm
- Patented SCARA 3 (Selectively Compliant Articulated Robotic Arm) technology guarantees an anatomically accurate imaging geometry for clear, distortion free images
- True Extraoral Bitewings consistently open interproximal contacts and are clinically proven to be as effective at caries detection when compared to intraoral bitewing series<sup>3</sup>
- Advanced 2D imaging programs including pan, pediatric pan, orthogonal panoramic, TMJ and sinus programs
- AutoFocus technology generates a scout image of the anterior structure to virtually guarantee in-focus anteriors on every panoramic image
- Planmeca Romexis® Implant Module & Implant Library allow clinicians to treatment plan with ease using implants and surgical sleeves from a vast array of manufacturers
- Planmeca Romexis® 3D software with robust features and open-architecture

## Optional

- Upgradeable to Planmeca ProMax 3D® Mid
- Planmeca ProFace® acquires topographically accurate 3D photos for dedicated orthodontic, maxillofacial and plastic surgery planning creating a truly virtual patient
- One-shot Planmeca ProCeph™ Cephalostat - provides image sizes from Ø18x20 cm to Ø30x25 cm with low patient dose and no movement
- Planmeca ProMax® Cephalostat scanning technology with extremely low effective dose and flexible field sizes up to Ø30x27 cm

<sup>1</sup> According to "Dosimetry of Orthodontic Diagnostic FOVs Using Low Dose CBCT Protocol" by JB Ludlow and J Koivisto. For a copy of this study visit: [planmecausa.com](http://planmecausa.com).

<sup>2</sup> According to a study published in July of 2017 by the Journal of International Society of Preventative & Community Dentistry.

<sup>3</sup> "Accuracy of extraoral bitewing radiography in detecting proximal caries and crestal bone loss", by doctors Micah Chan, DDS, MS, Tenzin Dadul, MDS, Robert, Langlais, DDS, MS, David Russell, DDS, Mansur Ahmad, BDS, PhD. University of Minnesota.

For more information call **(800) 718 4598**  
or visit [www.planmeca.com](http://www.planmeca.com) to learn more.

**PLANMECA**