Planmeca ProMax 3D units
Ideal for imaging patients with braces

Planmeca ProMax 3D is a CBCT product family consisting of exceptional all-in-one imaging units. The intelligent units support several different imaging modalities and provide all needed specialist tools. As a reflection of their suitability for orthodontics, three of the Planmeca ProMax 3D units—Classic, Mid, and Max—have now been certified for use with the suresmile treatment management system.

Planmeca ProMax 3D units have been designed to meet the strictest of requirements in maxillofacial imaging. They support three different types of 3-D imaging (CBCT, 3-D face photo and 3-D model scan), and also extraoral bitewing, cephalometric and digital panoramic imaging. This flexibility between 2-D and 3-D allows clinics to optimise their imaging procedures, and select the techniques that work best with each case—at an optimal patient dose.

The Braces imaging protocol of Planmeca ProMax 3D units is tailor-made for orthodontics, as it allows users to acquire a low dose CBCT image, which accurately shows the metal brackets on braces. With powerful artefact removal algorithms used in image reconstruction, the units produce images that reveal the exact position of roots in relation to bone.

The CBCT units’ stable support system helps patients remain completely still during imaging. This is especially important when acquiring high contrast images as part of orthodontic treatments.

Certified for use with suresmile

The Planmeca ProMax 3D Classic, Mid, and Max CBCT units are now certified for use with the suresmile treatment management system by OraMetrix. The suresmile system has been designed to enable orthodontists to visualise and simulate multiple diagnostic set-ups and design customised archwires for every patient.

The accuracy of patient scans plays a critical role in maximising the effectiveness of the suresmile system. Combining the system with a CBCT unit allows the efficient visualisation and virtual manipulation of teeth and their roots. The orthodontic braces protocol of Planmeca ProMax 3D units has been optimised for use with the suresmile treatment management system.

See more at a lower dose

The effective patient dose of CBCT imaging is closely related to the protocol used for scanning. Planmeca has established itself as the industry leader in pioneering ultra low dose imaging. The innovative Planmeca Ultra Low Dose protocol available in all Planmeca ProMax 3D X-ray units reduces the effective patient dose in CBCT imaging significantly—without a statistical reduction in diagnostic image quality. At best, this means lowering patient doses to levels below even that of traditional 2-D panoramic imaging.

With suresmile-certified Planmeca ProMax 3D units and the Planmeca Ultra Low Dose protocol, patients can benefit from CBCT imaging and three-dimensional diagnostic accuracy in orthodontic treatments with a significantly lower patient dose than in traditional imaging.

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