

Planmed Verity[®]

The original weight-bearing CBCT



ENGLISH

Planmed

Planmed Verity® – extraordinary adaptability

Planmed Verity® is a unique 3D imaging solution for orthopedic, head and neck imaging. This mobile all-in-one Cone Beam Computed Tomography (CBCT) scanner provides premium quality images in a compact and beautifully designed package. It is a perfect fit for patients of all sizes – from adult to pediatric patients.

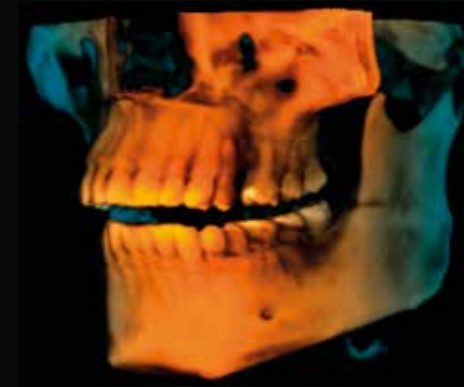
Exceptional image quality

Planmed Verity's high-quality 3D images capture even the smallest bone structures with minimal interference. Iterative algorithms and a high resolution ensure optimal image quality. Arthrographic examinations with intra-articular contrast provide excellent visualizations of joint disorders.



Weight-bearing and adaptable

Planmed Verity features a motorized gantry which can be adjusted for height and tilt for the best possible positioning of the patient. The knee, ankle, foot and toes can be imaged in a natural position with the patient standing.



Versatile head and neck imaging

Planmed Verity's maxillofacial, ENT and dental imaging capabilities make it a versatile tool for imaging centers and hospitals. With Planmed Verity, imaging of the head and neck is both effortless for the staff and comfortable for the patient.

Without Planmeca CALM™



With Planmeca CALM™

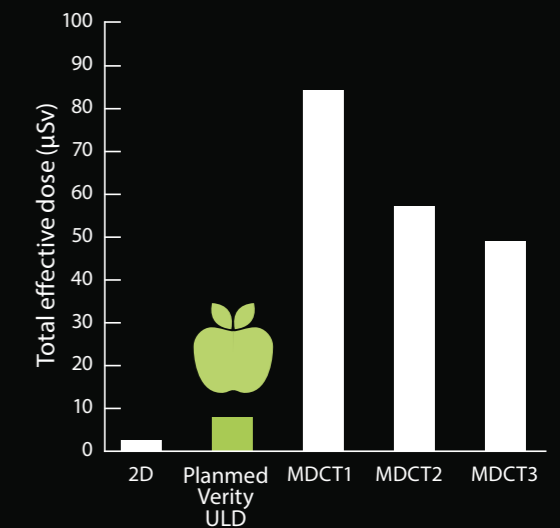


Movement artefact correction

Planmed Verity can be used with the **Planmeca CALM™** algorithm for patient movement correction. The revolutionary algorithm eliminates the need for retakes by clearing movement artefacts from CBCT images – excellent for imaging livelier patients.

Ultra low dose 3D imaging

The pioneering **Planmeca Ultra Low Dose™** (ULD) imaging protocol enables CBCT imaging at a significantly lower patient dose than conventional CT imaging – without a reduction in image quality.



Koivisto, J., Kiljunen, T., Wolff, J. and Kortensniemi, M: Assessment of effective radiation dose of an extremity CBCT, MSCT and conventional X ray for knee area using MOSFET doseimeters. Radiat. Prot. Dosim. Advance Access published July 3, 2013, doi: 10.1093/rpd/nct162

Key features

Patient positioning

- Positioning camera
- Soft, adjustable gantry
- Anatomy-specific support trays
- Integrated scattered radiation shield

3D programs

Upper extremities

- Elbow
- Arm
- Wrist
- Hand
- Fingers

Lower extremities (also weight-bearing)

- Knee
- Leg
- Ankle
- Foot
- Toes

Head and neck

- Ear
- Face
- Jaw
- Neck
- Sinuses
- Teeth

Technical specifications

Anode voltage	80–96 kV
Anode current	1–12 mA
Dimensions (W x L x H)	76 x 184 x 160 cm / 30 x 72 x 63 in.
Weight	350 kg / 770 lbs
Field of view	16 x 13 cm with single scan – stitched up to 16 x 20 cm
Voxel sizes	200, 400 µm
Input	100–240V single phase, 10–16A
Connectivity	DICOM 3



Watch video :
Planmed Verity®
Extremity Scanner

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