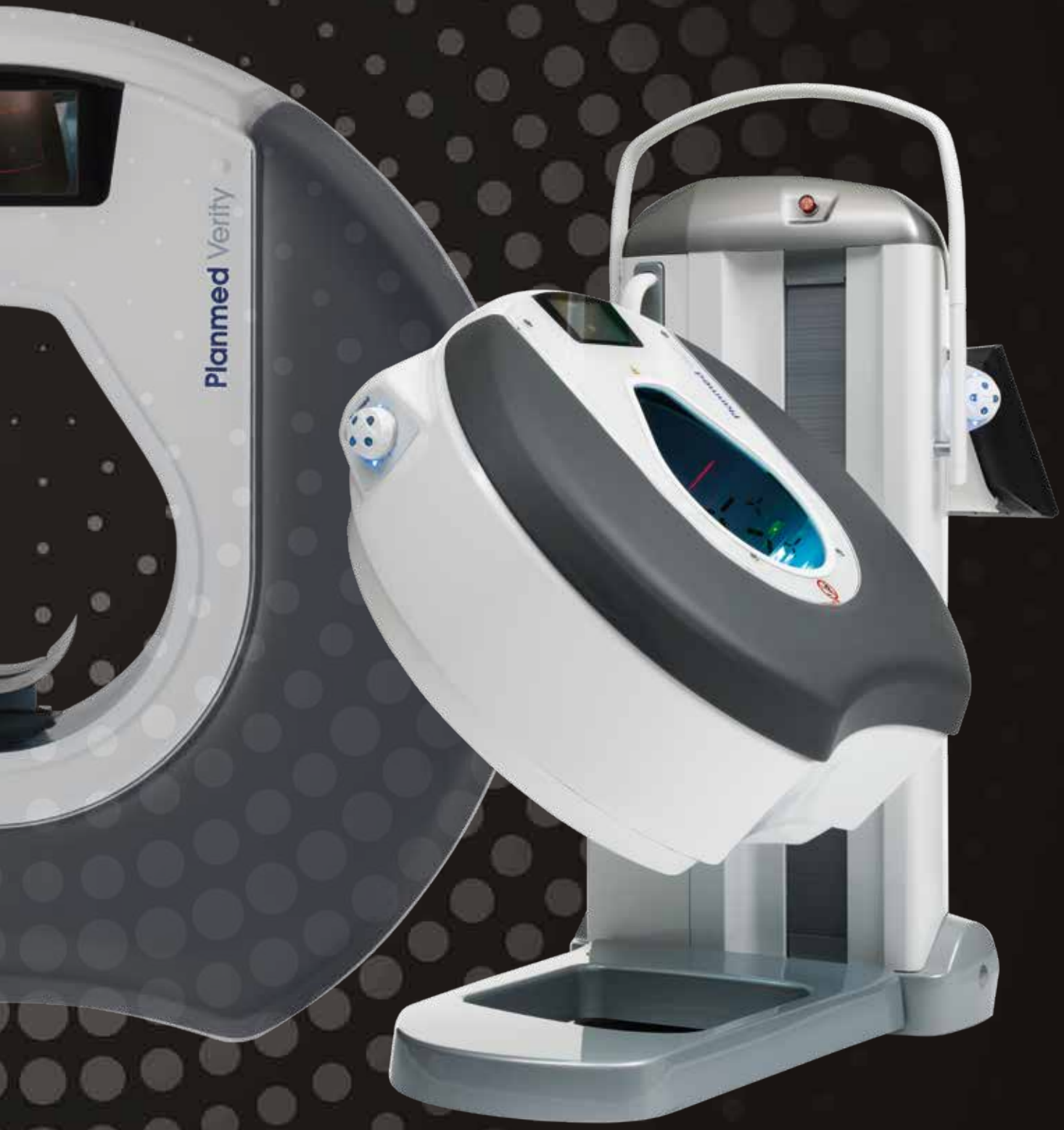
Planmed Verity®

The original weight bearing CBCT



ENGLISH

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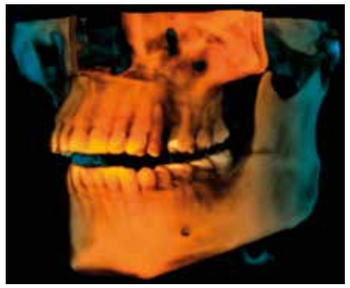
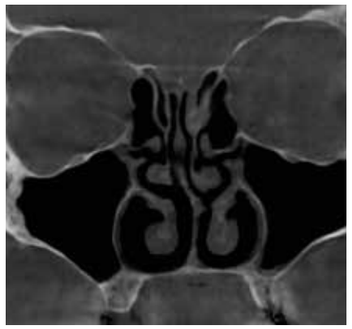
Planmed Verity® extraordinary adaptability

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

Head and neck imaging

Planmed Verity® is a versatile tool for imaging centers and hospitals due to its maxillofacial, ENT, and dental imaging capabilities. With Planmed Verity imaging of the head and neck is effortless for the staff and comfortable for the patient.





Weight-bearing extremity imaging

Planmed Verity provides a motorized gantry with adjustable height and tilt for the best possible positioning adapting to patients of all sizes. Knee, ankle, foot, and toes can be imaged in a natural position with the patient standing.

Exceptional image quality

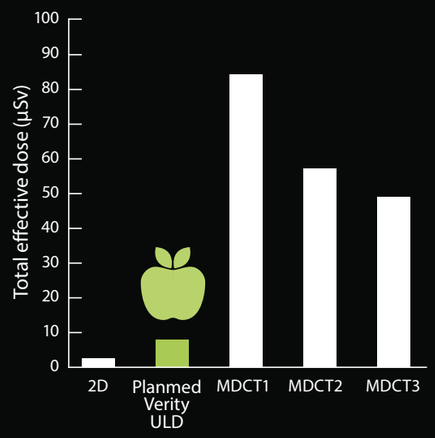
The high-quality images of Planmed Verity visualize even the smallest bone structures with minimal interference. With high resolution and iterative algorithms, optimal image quality is guaranteed. Arthrography examinations with intra-articular contrast provide excellent visualization of joint disorders.

Movement artefact correction

Planmed Verity can be used with the revolutionary **Planmeca CALM™** (Correction Algorithm for Latent Movement) algorithm. The algorithm eliminates the need for retakes by cancelling the effects of patient movement, which makes it excellent for imaging more lively patients.

Low dose 3D imaging

The revolutionary **Planmeca Ultra Low Dose™** (ULD) imaging protocol enables CBCT imaging with a significantly lower patient dose than standard imaging, without a reduction in image quality.



Koivisto, J., Kiljunen, T., Wolff, J. and Kortesniemi, M: Assessment of effective radiation dose of an extremity CBCT, MSCT and conventional X ray for knee area using MOSFET dosemeters. 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

Extremities

- Upper extremities
- Lower extremities
- Weight-bearing

Head and Neck

- Jaw
- Teeth
- Middle ear
- Sinuses

Technical specifications

Anode voltage	80–96 kV
Anode current	1–12 mA
Dimensions	(WxLxH) 76x184x160 cm / 30x72x63 in.
Weight	350kg / 770 lbs
Field of view	16x13 cm with single scan – stitched up to 16x20 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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