



Planmed Verity CBCT Scanner

The Original Weight-Bearing, Compact & Versatile CBCT

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. Planmed Verity® is the world's first CBCT scanner for weight-bearing orthopedic imaging 3D extremity imaging under natural load provides invaluable information for the orthopedists for treatment planning. Planmed Verity® CBCT scanner is the first computed tomography system designed for weight-bearing imaging.

Enhanced fracture diagnostics with low dose 3D imaging

Even up to 30% of scaphoid fractures may be missed or not visible in 2D radiographs after trauma. Delayed fracture diagnosis can lead to osteonecrosis, a severe condition often requiring surgery and a bone graft. Planmed Verity provides high-resolution, low dose 3D imaging for improved fracture diagnostics at the point-of-care.

Versatility with head and neck imaging

Planmed Verity CBCT scanner can be equipped for head and neck imaging. Maxillofacial and dental scans will add significant versatility and fast return on investment (ROI).

Romexis Software

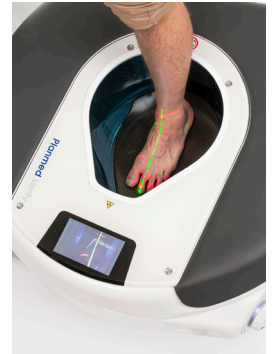
Planmed Romexis® is an advanced, easy-to-use software suite for both Mac and Windows environments. It provides a rich set of tools to meet all imaging requirements and supports the most versatile range of 2D and 3D imaging modalities.

3D programs

- | | | |
|-------------------|---------------|---|
| Upper extremities | Head and neck | Lower extremities (also weight-bearing) |
| • Elbow | • Ear | • Knee |
| • Arm | • Face | • Leg |
| • Wrist | • Jaw | • Ankle |
| • Hand | • Neck | • Foot |
| • Fingers | • Sinuses | • Toes |
| | • Teeth | |

Patient positioning

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



Call us for more information

1-800-385-9593



Planmed Verity - CBCT Scanner

Why Cone Beam Computed Tomography?

CBCT is an X-ray imaging technology in which a large number of 2D images are taken of a patient from different angles. A 3D volumetric image is then calculated using these 2D projections. The resulting images can be viewed with our advanced imaging software from any angle, including the axial, coronal, sagittal and cross-sectional planes.

Planmed Verity Technical Specifications

X-Ray Beam	Cone
Anode Voltage	80 - 96 kV
Anode Current	1 - 12 mA
Field of View	16 x 13 cm with single scan – stitched up to 16 x 20 cm
Voxel Sizes	200, 400 μ m
Input	100–240V single phase, 10–16A
Connectivity	DICOM 3
Dimensions	(W x L x H) 76 x 184 x 160 cm / 30 x 72 x 63 in.
Weight	350 kg / 770 lbs

Either Mobile or Fixed Configuration

- Gantry height & tilt controlled from a joystick
- TearDrop™ shaped bore
- Plugs into a standard electric outlet
- Integrated workstation with a touchscreen
- Available in a wide range of upholstery colours

Maxillofacial scans

Sinus or maxillofacial trauma imaging is easy with the Verity's seated positioning and MaxScan™ carbon-fibre support.

Excellent 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.

Perfect Patient Positioning

Planmed Verity offers motorized tilt and up/down movements for optimized patient positioning. The device's integrated video camera gives you an extra eye when positioning your patient.

Compact and Mobile

The compact and mobile Planmed Verity brings 3D imaging directly to where the patient is. The equipment can be moved to another location when not in use.

Weight-bearing and adaptable

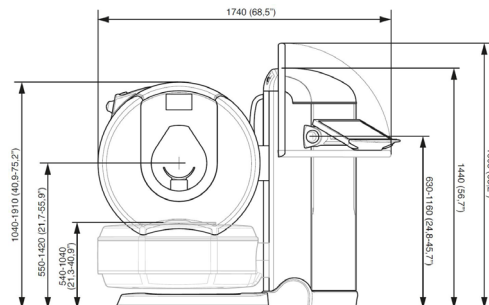
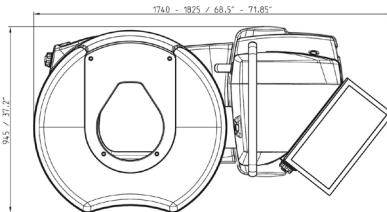
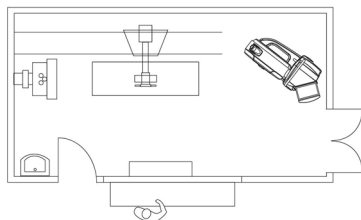
Planmed Verity features a motorized gantry which can be adjusted for height and tilt for the best possible positioning of the patient. The knee, ankle, foot and toes can be imaged in a natural position with the patient standing.

Fast scanning

Scans with Planmed Verity® are performed by positioning the patient's extremities or face in the scanner's opening in either a seated or standing position. Red and green lasers indicate the scan area. During the 18 second scan the system captures multiple low dose X-ray images of the target area. It is important to relax and not move until instructed to do so.

Dedicated extremity scan – also weight-bearing

The Verity provides on-demand in-office 3D imaging of anatomies that are otherwise difficult to scan. The scanner allows dedicated positioning for different purposes. Weight-bearing imaging is also possible, depending on the clinical need.



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