

**Planmed** Verity

3D Extremity Scanner  
with Maxillofacial  
imaging option



# Planmed Verity<sup>®</sup> with MaxScan<sup>™</sup> – Versatile imaging tool

With maxillofacial imaging option **Planmed Verity<sup>®</sup>** extremity CBCT scanner expands to maxillofacial imaging. **Planmed Verity MaxScan<sup>™</sup>** imaging option adds significantly more applications for the unit. With this add-on feature, more patients can be treated with the first visit to the clinic, meaning faster patient throughput, improved patient experience, and higher ROI.



## Extended imaging with maxillofacial scan option

Planmed Verity **MaxScan<sup>™</sup>** can be used to image diseases, injuries and defects of

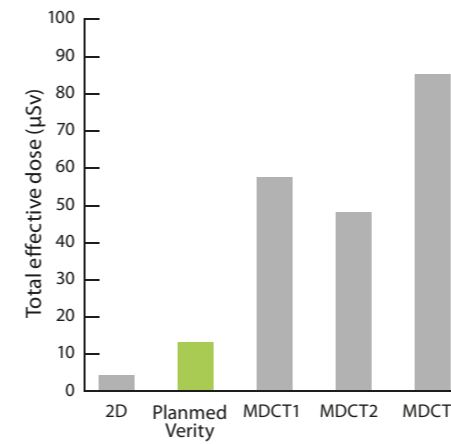
- Mandible
- Teeth
- Maxillofacial area
- Sinuses
- Temporomandibular joint (TMJ)
- Orbits
- Airways

Seated positioning is effortless and the open design provides non-claustrophobic imaging experience. Both the gantry and the carbon fibre tray can be individually adjusted to achieve optimal patient positioning. Scout image, targeting lasers and optional positioning camera help to achieve optimal results.



## User-friendly control panel

Clear and straightforward graphical user interface guides you smoothly from patient selection and positioning to imaging. Pre-selected exposure values and automatic gantry drive provide fluent usage and allows you to focus on patients.



## Radiation dose benefits

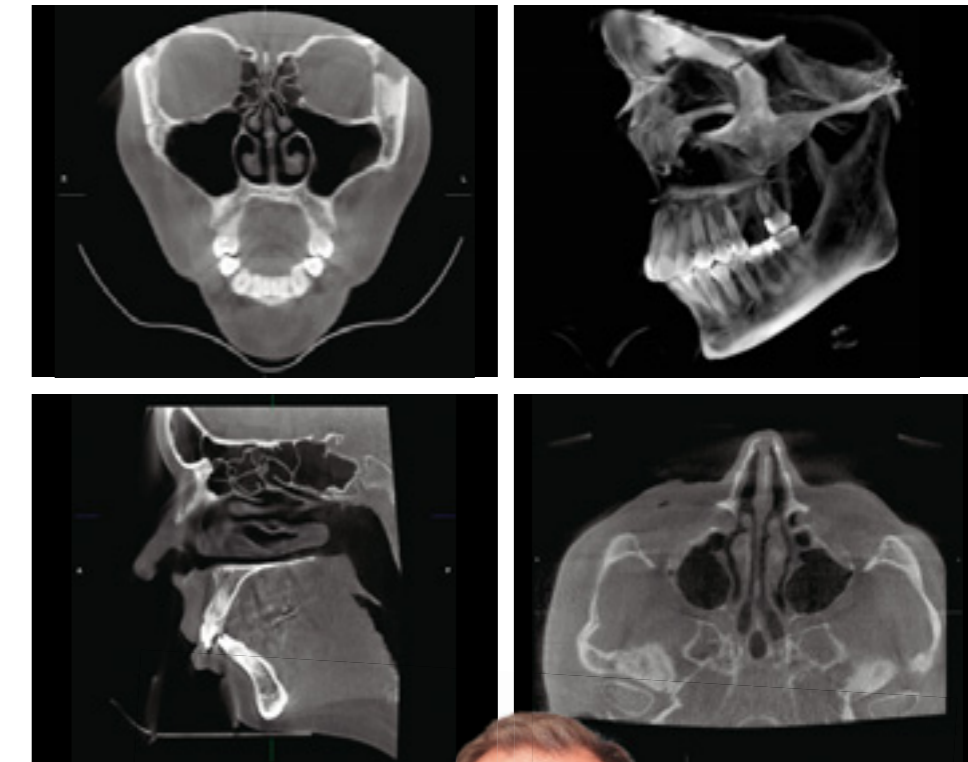
CBCT technology provides significantly lower radiation dose compared to conventional MDCT scanners. Scattered radiation is also low; depending on local regulations 1 mm Pb equivalent shielding in the room is recommended. Planmed Verity extremity scanner comes with a detachable scattered radiation shield that protects the patient during the scan.

Koivisto, J., Kiljunen, T., Wolff, J. and Korteniemi, M: Assessment of effective radiation dose of an extremity CBCT, MSCT and conventional X ray for knee area using MOSFET dosimeters. Radiat. Prot. Dosim. Advance Access published July 3, 2013, doi: 10.1093/rpd/nct16

For more literature references please visit [www.planmed.com](http://www.planmed.com)

## High image quality

Planmed Verity extremity CBCT scanner offers superior image quality with a low dose. Isotropic resolution of up to 0.2 mm with efficient metal artefact reduction algorithm shows tiny bone structures with minimal interference.



## Connectivity

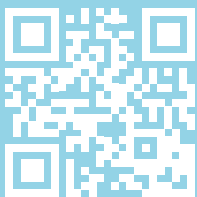
Self-contained system and DICOM 3.0 conformant. Worklist management with touch-screen interface. Complete volumes or user defined slice stacks can be generated and archived to PACS or burned on a DVD with a viewer.





## Key facts

- Dimensions (WxLxH): 76x184x160cm / 29.9"x72.4"x63.0"
- Either mobile or fixed configuration
- Joystick controlled gantry height and tilt
- **TearDrop™** shaped bore
- Plugs into a standard electric outlet
- Integrated workstation with touch screen
- Soft, selectable upholstery colour



Watch video :  
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