



## Dental X-Ray CT Scanner *PreXion 3D CBCT*

By orchestrating all the XTrillion technologies, this system will provide you with a consistent system process flow; CT scanning, image reconstruction, volume rendering creation and acquired 3D image display.



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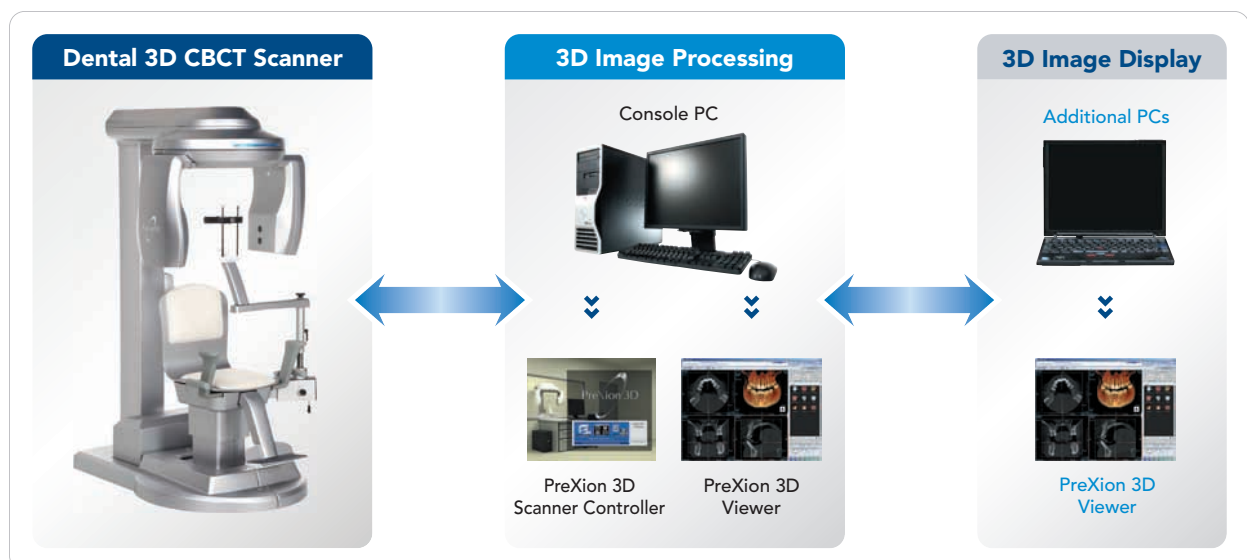
PreXion 3D is an affordably priced dental CBCT scanner that delivers high-resolution volume acquisition, offering more projections per 360° rotation than published specifications from other comparable scanners. It is designed for dental offices that seek to perform in-office surgical implant procedures, as well as use 3D imaging for diagnosis in general dentistry, periodontics, and endodontics, along with planning in oral-maxillofacial surgery.

This small footprint 3D CBCT scanner reconstructs images to industry-standard DICOM format for compatibility with a variety of 3<sup>rd</sup> party surgical implant planning software packages.

## Complete Package

Both the Control and 3D Viewer application are loaded onto the Console PC. With only one Console PC, you can not only operate the scanner. You can also process and store data and display images.

If a PC with the installed Prexion 3D Viewer is connected to the Console PC in a network, you can operate the Prexion 3D Viewer from any place within the network in the office.



## Features of PreXion 3D

### Key Features of Dental 3D CBCT Scanner

#### Compact Design, smallest of its kind.

Fact Size 46"(W) X 62"(D) X 76"(H)  
1,170 mm(W) X 1,570 mm(D) X 1,925 mm(H)

Merit The PreXion 3D CBCT Scanner can be installed in almost any location that previously provided space for a panoramic X-Ray.  
Most locations do not require any enhanced shielding.

#### Hi-speed scan

Fact Images are acquired in only 19 sec for standard mode and 37 sec for high-definition mode

Merit Great reduction of patient x-ray exposure; Major improvement of examination and thus, diagnosis.

### Key Features of PreXion 3D Viewer

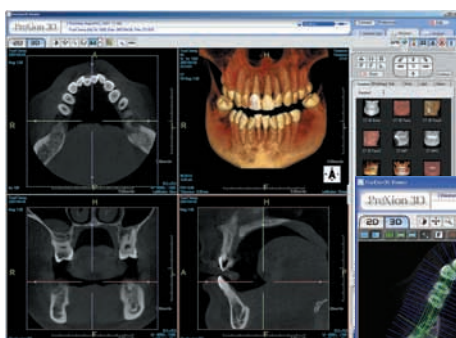
#### Realtime 3D Imaging

After a short processing time, images are displayed in a real-time Volume Rendering mode. VolumePro rendering technology is provided from TeraRecon, Inc. It offers real-time 3D volume rendering with unsurpassed image quality for integration into medical, seismic, scientific, and other high-performance imaging systems.

Axial, coronal, sagittal and 3D images are automatically rendered. This is one of many reasons why PreXion 3D is very user-friendly and can be operated by everybody. Even the panoramic view is generated automatically!

#### Networking

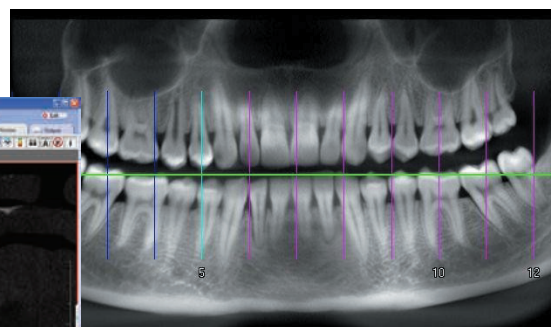
All acquired scan data can be operated from a networked 3D Client PC connected to the Console PC. The patient data does not have to be transferred from the Console PC even if that data will be displayed in different operatories within the network. Patient data can be managed unitarily.



PreXion 3D Viewer (2X2 View)



Measurement



Panoramic

#### Contact Us

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