GENERAL

		PAPAYA 3D	PAPAYA 3D PLUS
Exposure Time	Panoramic	9 ~ 17 sec	9 ~ 17 sec
	Cephalometric	–	4 ~ 12 sec
	CT	7.7/14.5 sec	7.7/14.5 sec
FOV		Φ35 x 40mm ~ Φ140 x 140mm (19 programs available)	
Voxel Size		75~400 μm adjustable	
Focal Spot		0.5mm	
Target Angle		5°	
Tube Voltage		60 ~ 90kV	
Tube Current		4~12 mA	
Line Voltage		220V, 50/60Hz	

SENSOR

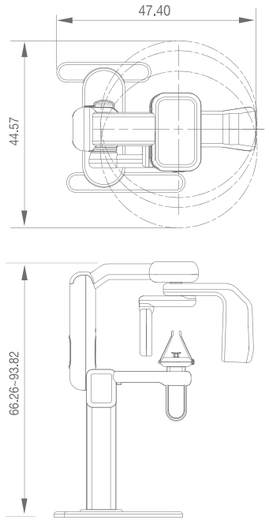
	CT	Panoramic	Cephalometric
Pixel Pitch	100 x 100 μm	75 x 75 μm	75 x 75 μm
Active Area	130.2 x 128 mm	152 x 6.45 mm	228 x 6.45 mm

* The specifications above can be changed to improve performance without notice.

Technical Specifications

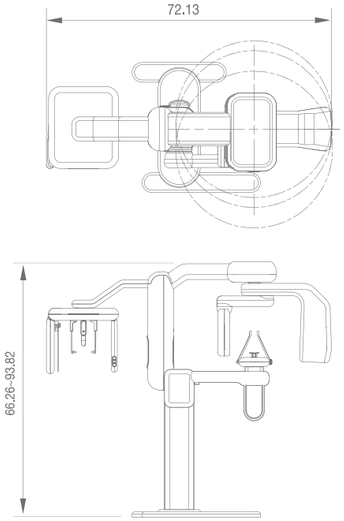
Dimensions

PAPAYA 3D



47.40(W) x 44.57(D) x 93.82(H) in
319.67 lb

PAPAYA 3D PLUS



72.13(W) x 44.49(D) x 93.82(H) in
352.74 lb

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FDA CE 0434

* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed. * The specifications & Dimensions above can be changed without notice.

Leader in Digital X-ray systems

PAPAYA 3D PLUS

Multifunctional Dental X-ray Imaging System

3D CT
Panoramic
Cephalometric

- Multi-FOV Selection
- 7.7 sec Fast Scan for 3D image
- Dedicated sensors for each mode
- Safety, stability, durability

GENORAY America Inc.

PAPAYA 3D PLUS

Combination Dental X-ray Imaging System

PAPAYA 3D PLUS combines the 3D Cone Beam, Panoramic and Cephalometric (optional) technology to meet all your diagnostic needs. The versatile imaging capabilities provide the user with accurate information vital for implant treatment.

- Multi-FOV Selection
- 7.7 sec Fast Scan for 3D image
- Dedicated sensors for each mode
- Safety, stability, durability

Activation control
with emergency STOP button

Convenient storage tray
for patient's articles
during examination.

Voice commands
for patient guidance
and reassurance

Face to face layout ensure
accurate patient positioning

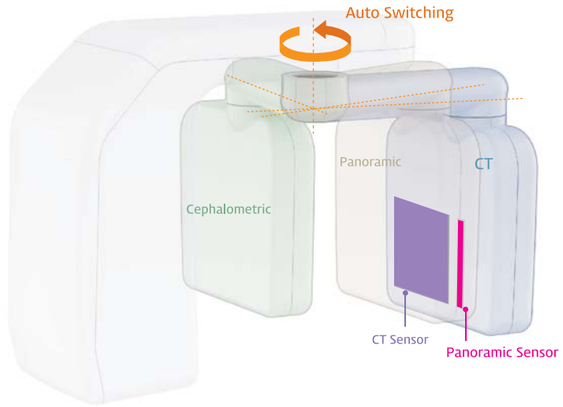
Motorised raising and lowering
with easy incremental adjustments.

Wheelchair access

Hand Grip to minimize movement

Automated sensor switching for each scan mode

Auto-switching positions the appropriate sensor without manual intervention.

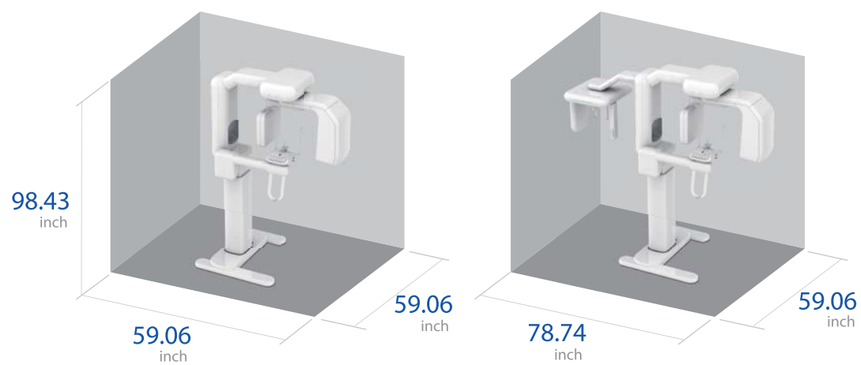


Motorized All Axis Movement

- Up / Down / Left / Right

Unique design is optimized for safety, stability and durability

- Patented design eliminates installation requirements such as wall mounting or anchoring
- Balanced design allows for a compact foot print
- Stability helps prevent positioning errors during scan



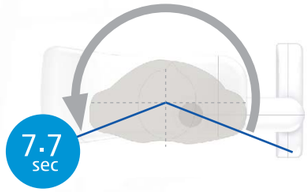
3D CT

High Resolution Computed Tomography Technology

Clearly defined images in Three-Dimensional views provide users with accurate diagnostic information.

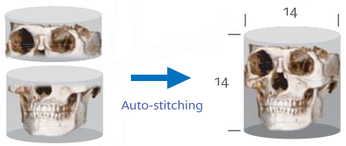
Fast Scan Mode

Scan times as low as 7.7 seconds to minimize exposure, motion artifacts and image distortion.



Auto-Stitching Technology

Combines two separate images to expand the view up to a 14 x 14 view

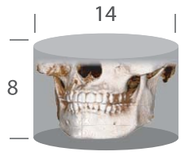
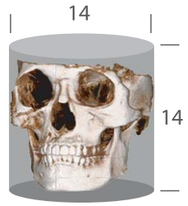


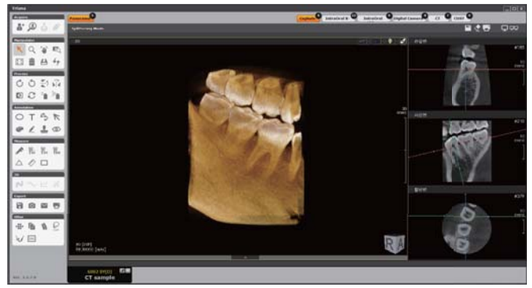
Dedicated Sensor for CT

Dedicated sensor optimizes CT images for best results.

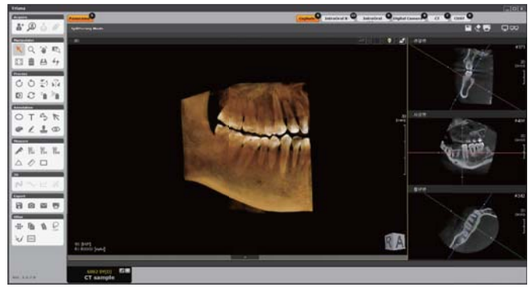
Multi F.O.V. Selection

Multiple F.O.V. selection enables a variety of views while minimizing dosage levels.

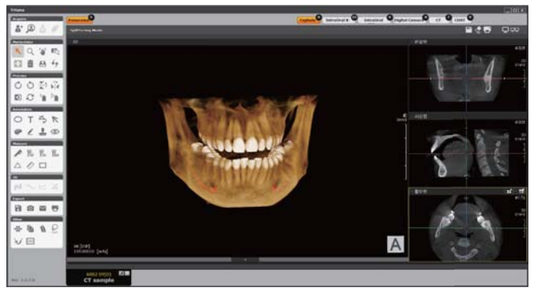
Endo	Teeth		Jaw	Face
				
FOV 4x5	FOV 7x7	FOV 8x8	FOV 14x8	FOV 14x14
Endodontic	High Resolution	High Definition	Normal Resolution	Low Dose
Endo mode displays high definition images	High contrast images of the lower and upper jaw allows for accurate diagnosis		Provides an image of the Full Arch	Full Arch including relevant bone structures



FOV 4x5



FOV 8x8



FOV 14x8

FOV 14x14

Panoramic

High Resolution Panoramic Technology

- CMOS sensor produces high quality images while reducing exposure levels

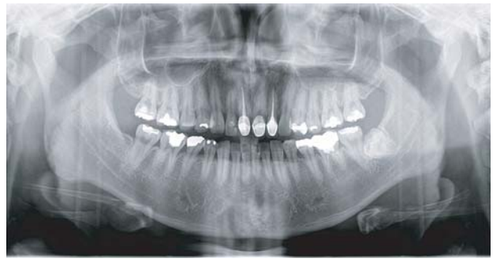
- Multi focus function enhances image analysis by avoiding the need for re-exposure

- The combination of linear and rotational movements allow for a variety of exposure modes

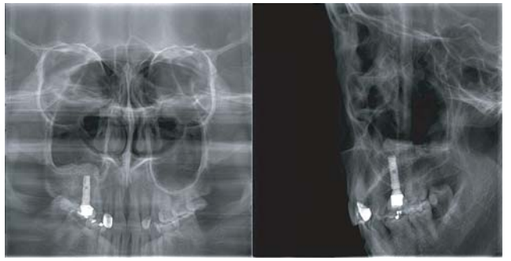
Exposure Programs

PAPAYA 3D PLUS supports various exposure programs to fulfill all diagnostic needs.
Standard panoramic, orthogonal panoramic, bitewing panoramic, child panoramic, TMJ lateral double, horizontal & vertical X-ray segmentation, TMJ PA double, TMJ LAT-PA, TMJ LAT-PA double, sinus lateral and sinus PA are supported.

Standard Panoramic

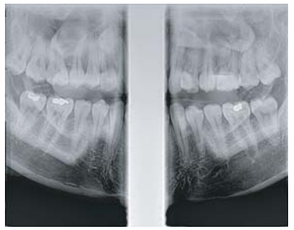


Orthogonal Panoramic

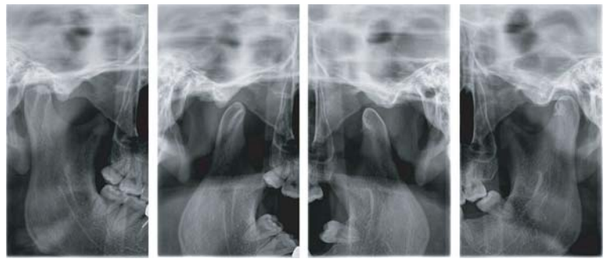


Sinus PA / Sinus Lateral Midsagittal

X-ray Segmentation



Bitewing



TMJ Lateral Double

Cephalometric

High Resolution Cephalometric Technology

- Patented structure is designed for symmetrical balance while enhancing safety and durability.
- Sensor automatically positions itself for convenience.
- Fast mode only requires 4 seconds to scan a Cephalometric image while reducing motion artifacts.

Exposure Programs

PAPAYA 3D PLUS supports various exposure programs to fulfill all diagnostic needs.
Lateral, AP, PA, Water's view, Submento vertex, and carpus, are supported.

Lateral

AP

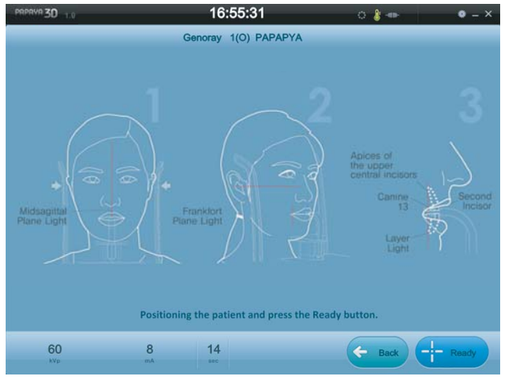
Water's view

Submento vertex

Carpus

PAPAYA 3D PLUS Operation Software

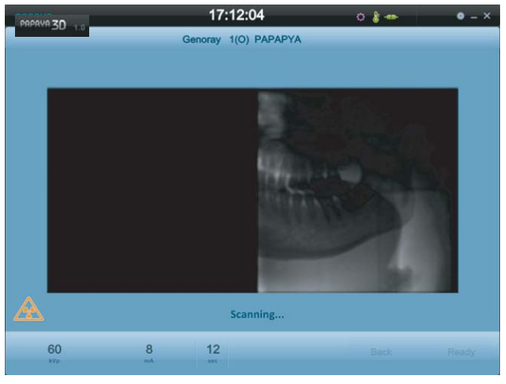
Panoramic Exposure Mode



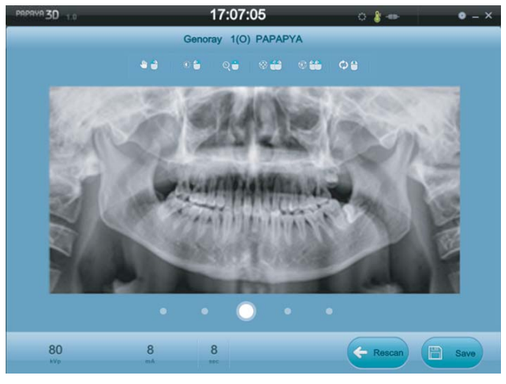
Patient Positioning Guide

CT Exposure Position (Adult)

CT Exposure Position (Child)



Realtime Preview



Exposed Image Display

TRIANA

Genoray's 3D Reconstruction Viewer

Clearly defined images
in Three-Dimensional views provides users
with accurate diagnostic information.

3D Volume Rendering
Volume rendering for various options such as Gray, X-Ray and MIP to aid in 3D visualization

MPR (Multi-Planar Formatting)
MPR mode provides three plain views (Axial, Coronal and Sagittal) on one screen for focused area diagnosis.

Dental Reformatting
Using Panoramic, Cross-sectional and Longitudinal 2D views, plan your 'perfect' implant strategy

Curved MPR
Recreate sectional images via curves from the Panoramic, Cross-sectional and Longitudinal views.

Image Color-mapping
Color mapping increases the visibility of lesions

CDSee
CDSEE generates a light version of TRIANA along with the selected images to transfer onto a CD, DVD or USB storage device.

Annotating Tools
Measure distances, angles and bone thickness while annotating the image for advance planning.

Implant Planning
Multiple layouts and nerve marking enables accurate implant treatment.

Supports DICOM 3.0