

Technical Specifications

GENERAL

	PAPAYA	PAPAYA Plus
Panoramic Exposure	●	●
Cephalometric Exposure	—	●
Exposure Time	Panorama	9 ~ 17 sec
	Cephalo	—
Image Field Height (mm)	Panorama	150
	Cephalo	—
Focal Spot	0.5mm	
Target Angle	5°	
Maximum Tube Voltage	90kV	
Minimum Tube Voltage	60kV	
Anode Heat Storage Capacity	35kJ	
Maximum Anode Heat Dissipation Rate	250W	
Line Voltage	100-240V, 50/60Hz	

SENSOR

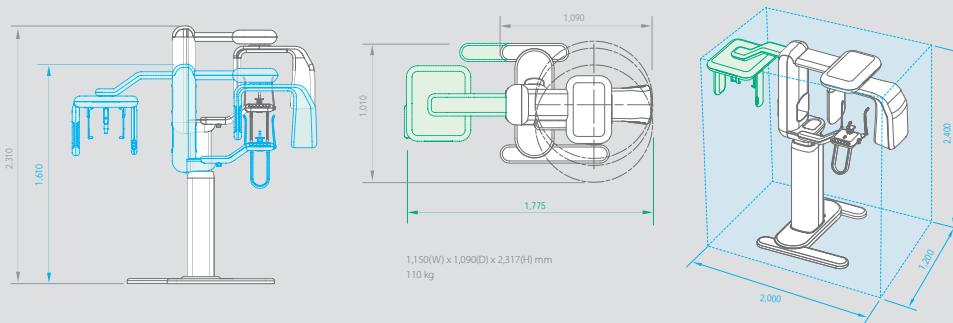
	PAPAYA	PAPAYA Plus
Pixel Pitch	75 x 75 μm	75 x 75 μm
Active Area	152 x 6.5 mm	228 x 6.5 mm

CUST

X-ray beam	fan beam
Volumetric image size	50 x 50 x 103 mm
Number of slices	256
Slice thickness	0.195 mm

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

Dimensions



Choose your own PAPAYA Serie

	PAPAYA	PAPAYA PLUS	PAPAYA 3D	PAPAYA 3D PLUS
Panoramic	●	●	●	●
3D Imaging	—	—	●	●
CUST Imaging	●	●	—	—
Cephalometric	—	●	—	●



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* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed.



PLUS
PAPAYA
Dental X-ray Imaging system

Panoramic
Cephalometric
Tomography

GENORAY

New Concept / Multi-function Imaging System, PAPAYA PLUS



Meet the convergence of new technologies to create a stable technology to meet the challenges and hopes for a new world.

Genoray strives to fulfill a commitment to meet the every changing challenges in the Dental imaging industry through advances in technology.

Always creating technology of tomorrow for you, Genoray

Panoramic Imaging

- Papaya uses the CMOS sensor, which improves image quality while keeping radiation exposure to a minimum, Genoray has shown that it puts patient's safety first.



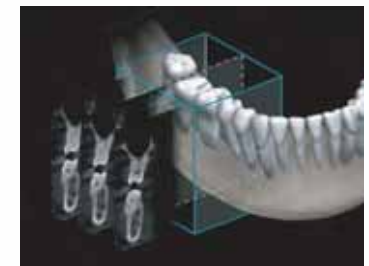
Cephalometric Imaging

- When compared to the standard scanning method, PAPANAYA PLUS has the shortest scan time.
- The short scan time reduces distortions caused by patient movement



Tomography Imaging (Optional)

PAPANAYA can be upgraded without additional hardware to include the Tomography function.



Minimal investment, Maximal benefit

- PAPANAYA provides true 3D imaging on the panoramic system.
- High image quality due to statistical reconstruction technique.
- 3D image has 256 cross-sectional slices having 0.195mm thickness and has FOV 5x5x10.3cm.

Panoramic

High Resolution Panoramic Image



- The Multi-focus function improves image analysis and avoids the need for re-exposure.
- The combination of linear and rotational movement allows for a greater variety of exposure modes

Smart & compact design ! Digital X-ray imaging system,

Papaya: This smart design will allow for easy, fast setting and installation. Not only that, its compact design requires minimum space and is easily accessible for your patients.



Convenient accessory tray



User friendly LED indication



Comfortable hand grip

User Friendly

PAPAYA increases user friendliness while maximizing efficiency



Face to face positioning



Jaw Shape

Fit each individual's jaw shape.



Voice support system

Machine's operation status is guided by voice support system



Hand switch

Machine and hand switch's LED display shows the current status of machine.



Emergency switch

In emergency, the machine can stopped immediately with the emergency switch on the hand switch.



Wheelchair accessible

According to exposure mode, LED color changes.



Cephalometric

High Resolution Cephalometric Image

Exposure Programs

PAPAYA PLUS supports various kinds of exposure program, and they fulfill diagnosis needs.

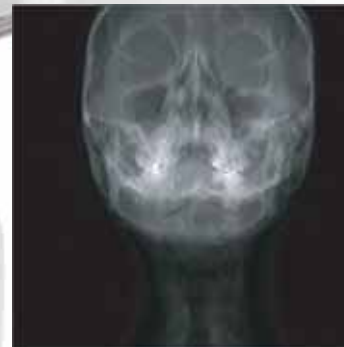
Lateral, AP, PA, Water's view, Submento vertex, and carpus are supported.



Lateral



AP



Water's view



Submento vertex



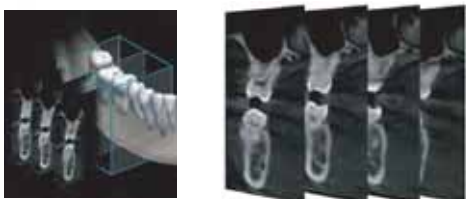
Carpus

- The optimized mechanical structure designed for symmetrical balance that is made for enhanced safety and durability.
- The Cephalometric's FR laser makes it easy to position the patient.
- To avoid any operating mistakes, the position sensing sensor aids in the every exposure mode.
- It is enough only 4 second for scanning cephalo image on fast mode. This reduces motion artifacts.

Tomography Imaging (Optional)

Cubical Semi Tomography Technology

PAPAYA CUST is in a 3D imaging function that provides cross-sectional information for implant preparation.



Dental Cross Sectional View

- Complements the panoramic image, and provides a tomographic image required for implant planning.
- When planning the implant, CUST images help the patient understand the procedure.
- PAPAYA with CUST function is economical compared to CBCT.



Theia^{NEW}

Genoray 3D image viewer for accurate diagnosis



3D Volume Rendering :
Various volume rendering options such as Gray, X-ray, MIP and etc provide 3D image visualization



MPR (Multi-Planar Formatting)

MPR mode provides three plain view (axial, coronal and sagittal) on one screen for focused area diagnosis.

Curved MPR

Possible to reconstruct the sectional images which is via any curves from Panoramic, Cross-sectional, Longitudinal

TMJ Viewer

In TMJ viewer, through the cross-section and volume viewer, you can compare both left and right temporomandibular joints simultaneously to enable accurate diagnosis.

External Output

Generating an external output on CD, DVD or USB storage of 3D volume data with free version of TRIANA.

Measuring tools

Distance, angle, profile and arrow provides easy to use measuring tools.

Implant planning

Multiple layout support and nerve implementation enables accurate implant planning.

Support for DICOM 3.0