

Cure the people, Care for life



# Dental e-catalog

Digital X-ray Imaging System

 **GENORAY**

# Software THEIA Powerful 3D image viewer for accurate diagnosis

**Thumbnail View** : Check all images at once

Scene Mode

Select Template type (tap)

3D Preview

**Features**

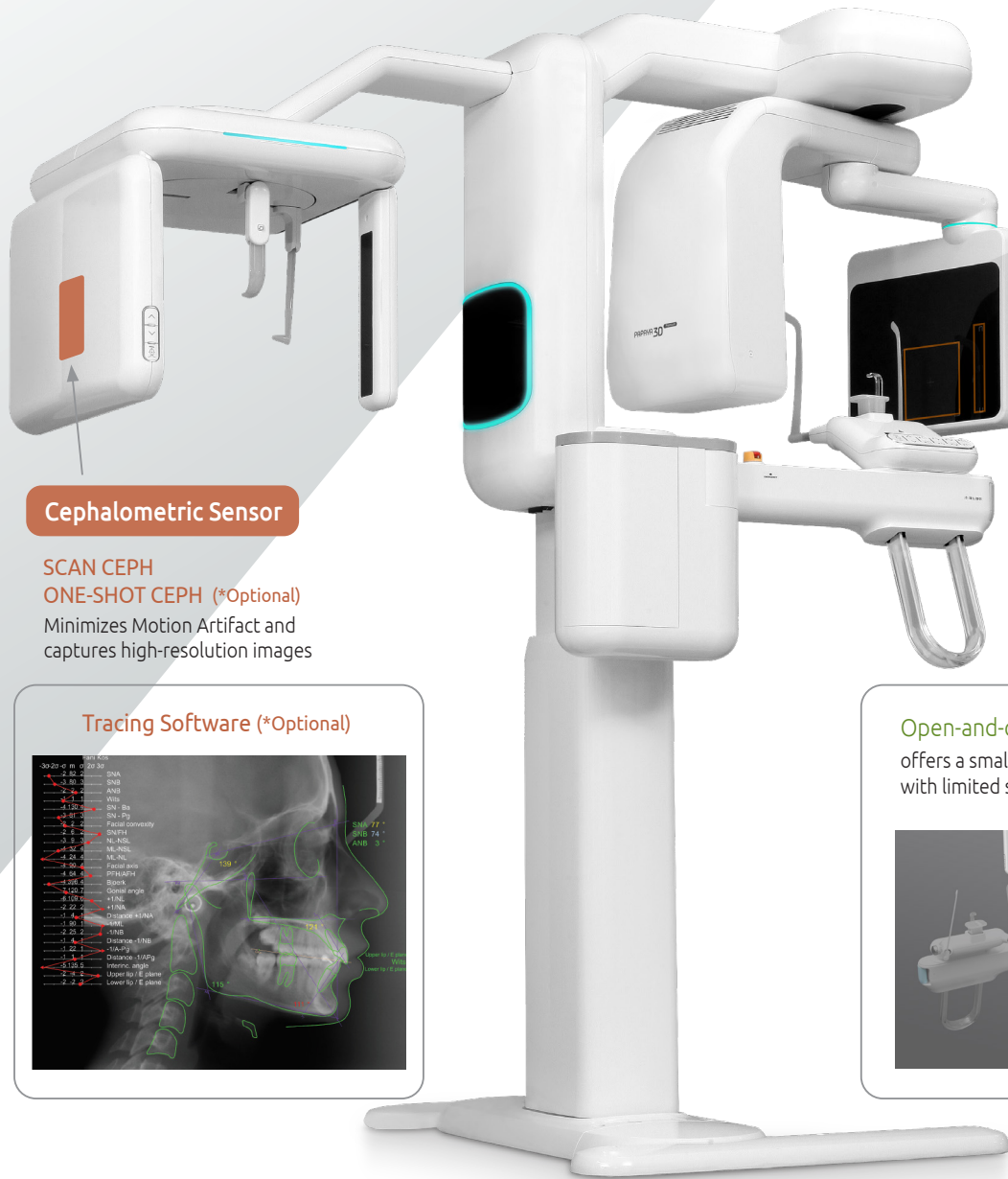
- MPR (Multi-Planar Formatting)
- Curved MPR
- TMJ Viewer
- External Output
- Easy Measuring tools
- Implant planning
- Support for DICOM 3.0

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



# PAPAYA 3D PREMIUM PLUS

4 in 1 (CBCT, Panoramic, Cephalometric, Model Scanning) system



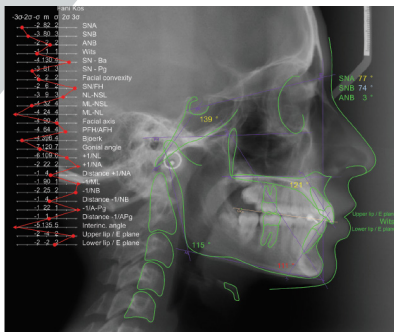
## Cephalometric Sensor

### SCAN CEPH

### ONE-SHOT CEPH (\*Optional)

Minimizes Motion Artifact and captures high-resolution images

## Tracing Software (\*Optional)



## Two Sensors

### CBCT Sensor

Large FOV (23x24cm)

### Panoramic Sensor

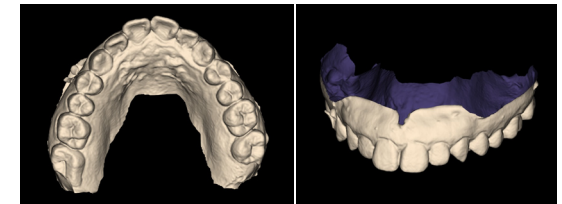
## Multi Focus

Selects automatically the most optimized image

## Model Scan Mode

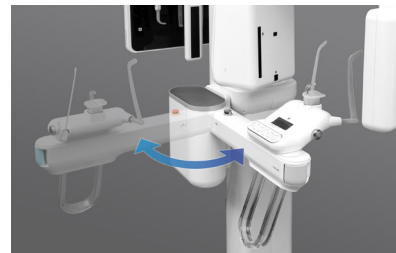
Converts CT images into STL

Temporary prosthesis, Implant, Orthodontic treatment



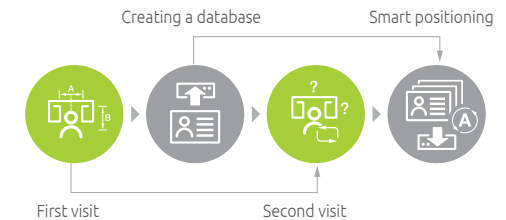
## Open-and-closed chinrest system

offers a small foot print suitable for areas with limited space.



## Smart Positioning

By creating a database based on the patient-specific exposure conditions and positioning of the previous images, you can create fast and convenient scans without any additional adjustments.

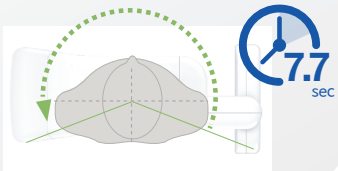


# PAPAYA 3D PLUS

Combination Dental X-ray Imaging System

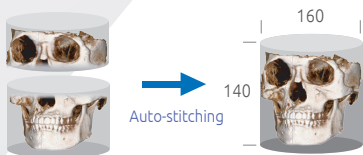
## Fast Scan Time

- Minimal radiation exposure with a 7.7 seconds fast shooting time.
- Minimize motion artifacts during exposure to produce clear, accurate images



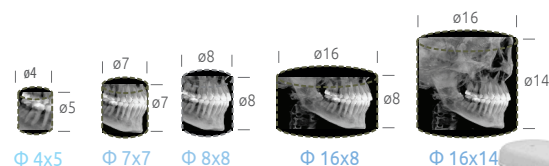
## Auto-Stitching Technology (\*Optional)

Auto-Stitching, a function (algorithm) that automatically calibrates and compensates for the patient's movement at the time of shooting, combines two images to reconstruct an optimal image.



## Multi-FOV Selection

Multi-F.O.V. selection enables accurate scanning whilst keeping dose levels to a minimum.



Endo Teeth Jaw(TMJ) Face

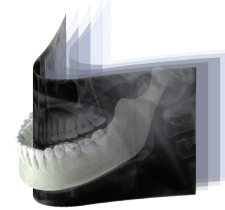


# PAPAYA PLUS

Panoramic / Cephalometric / Tomography

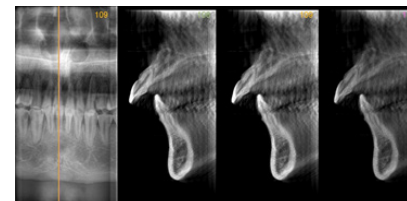
## Multi-Focus function

can overcome patient mis-positioning. The user is therefore able to find the most optimally -focused choice from a selection of images.



## Tomography Imaging (\*optional)

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



## 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.



Standard panoramic

Bitewing



TMJ lateral double





# Port-X IV

Innovative Portable X-Ray, All in One

**1.5 kg** weight

**0.4 mm** Focal spot

**70 kV** Tube voltage

## Compact and sharp portable X-ray

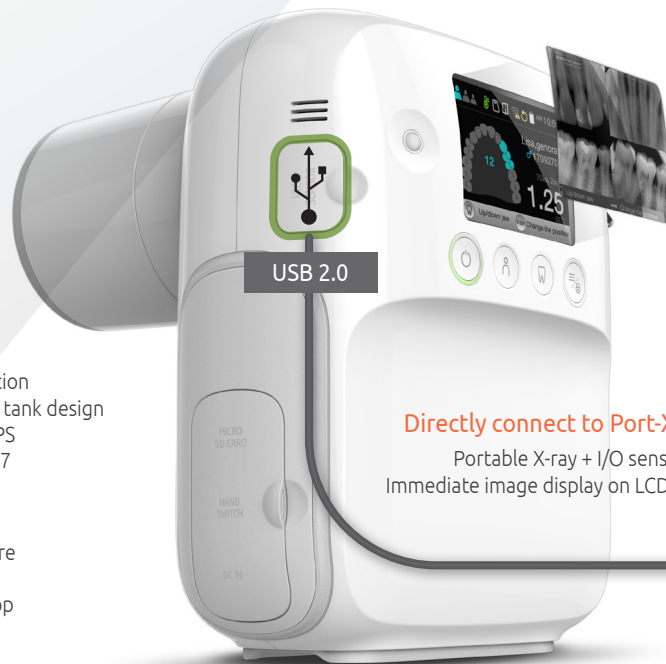
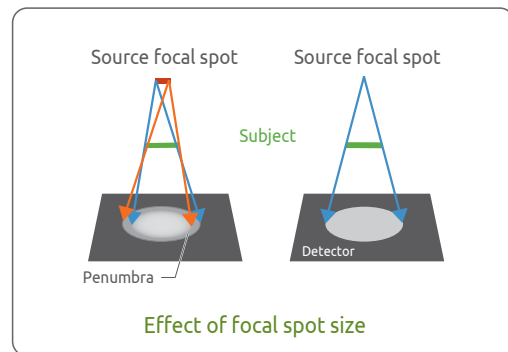
- Ergonomic design for one handed operation
- Lightweight and compact due to optimal tank design
- Image viewer with clear IPS LCD Screen IPS
- Winner of Red Dot Award for Design 2017

## All In one portable X-ray

- Straightforward process for image capture with intuitive icons and track ball
- Easy data transmission to PC & Mobile App and firmware upgrades via Wi-Fi
- Multiple language support
- Patient and data management capabilities without a PC

## Superior image quality

- Crystal clear images from 0.4mm Focal spot and 70kv X-ray Tube



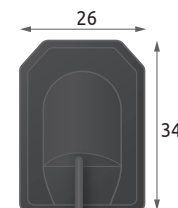
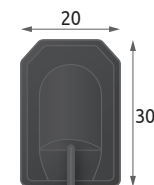
Directly connect to Port-X IV for instant images  
Portable X-ray + I/O sensor integrated system  
Immediate image display on LCD with I/O sensor connections

# GIX-1

Digital Dental Intra-Oral Sensor

**Size 1**  
20x30mm

**Size 2**  
26x34mm



CMOS area image sensors  
USB interface type  
Monitoring photodiode  
Waterproof

- Pixel size : 20x20um
- High resolution : 20Lp/mm typ
- Dynamic range : 57 db (size1) / 75 db (size2)
- USB 2.0 interface
- Waterproof : equivalent of IP67



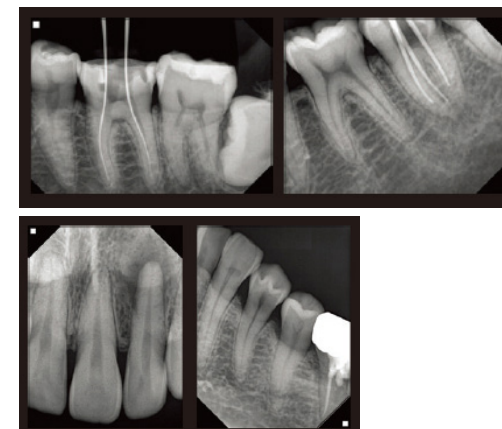
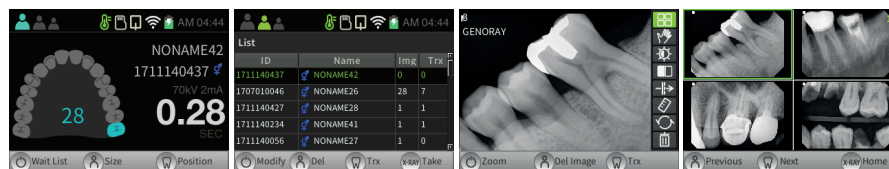
Network structure



Software Triana / PortView



Unit chair, X-ray room,  
Consulting room



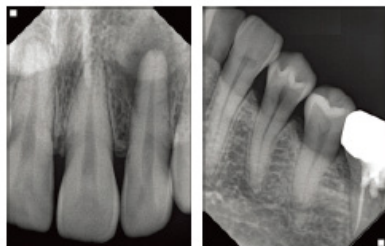
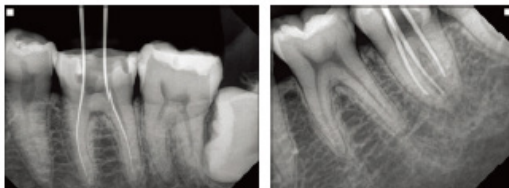
# Port-X IV e

Super Light Portable X-ray



1.5 kg weight

- Compact size, Light weight
- Portable camera type
- Easy to control UI
- Superior image quality



# Port-X III

Steady Seller



# Port-X II

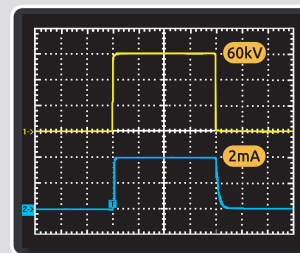


- Excellent Image Quality
- Wireless Camera type
- Perfect Output for film
- Digital Sensor : 60kV, 2mA
- Easy Operation : Graphic LCD

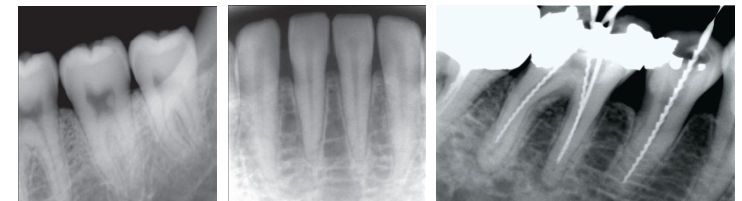
Excellent Image Quality

- Light and small body
- Small dose of radiation keeps patients and dentists away from radiation.
- High performance Tube and HFG make images sharp and clear.

## High Frequency Inverter

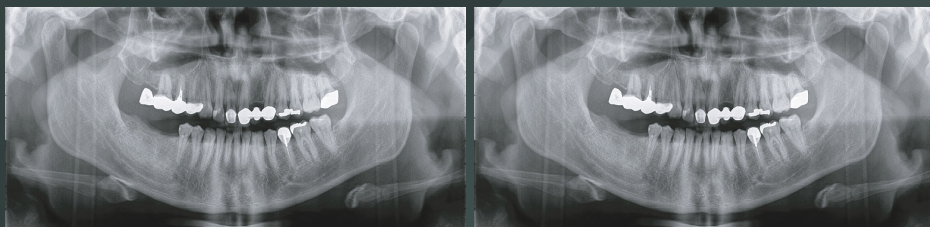


Stable output of X-ray radiation, Excellent image quality



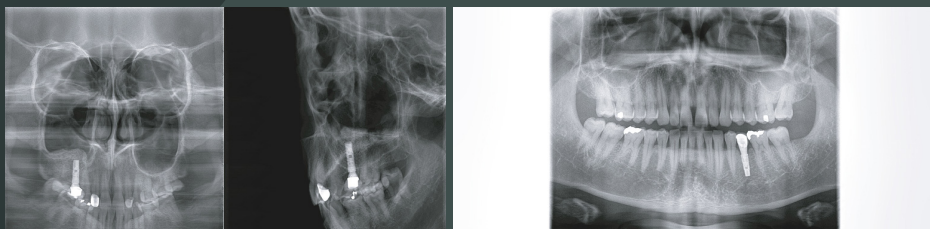


# Clinical Images



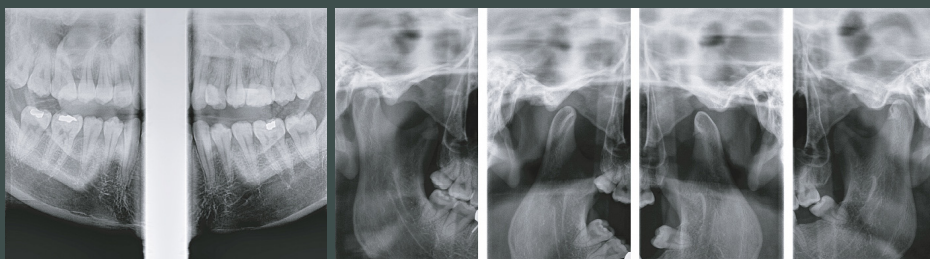
Standard panoramic

Orthogonal panoramic



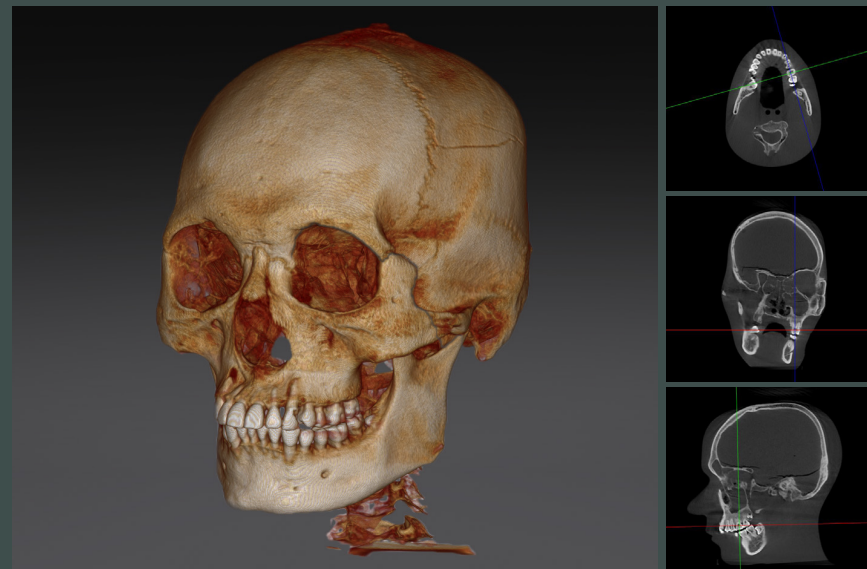
Sinus PA / Sinus lateral midsagittal

X-ray segment



Bitewing

TMJ lateral double



Large FOV CT - 23 x 24 Full Skull Mode





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