

• GENORAY

PAPAYA 3D^{Plus}

Combination Imaging System

1 Scan 3 Images

3 Dedicated Detectors

CBCT

Panoramic

Cephalometric



UNICORN DenMart  [®]
Behind The Best Indian Dentists

FUTURE OF IMAGING

3 Dedicated Detectors

The Genoray Papaya 3D is equipped with three dedicated detectors that enhance its imaging capabilities. These dedicated detectors of the Genoray Papaya 3D work in synergy, enabling clinicians to obtain high-quality, detailed images for accurate diagnoses and effective treatment interventions.



PANORAMIC SENSOR
CT SENSOR

CEPHALOMETRIC

1 Scan 3 Images

The Genoray Papaya 3D imaging system revolutionizes dental diagnostics with its advanced capabilities. One scan with this cutting-edge device captures three highly detailed images, providing clinicians with a comprehensive view of the patient's condition.

All Axis Motorized Movement

(Up/Down/Left/Right)



CBCT



Panoramic

Ceph



Multi-FOV Selection

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

φ 4X5



Endo

Endodontic

75 μm

Endo mode shows
high definition images

φ 7X7



Teeth

High Resolution | High Definition

100 μm | 150 μm

High contrast images of
upper / lower jaw enable
accurate diagnosis

φ 8X8



Jaw

Normal Resolution

200 μm

Provides an image of
the full arch

φ 16X8



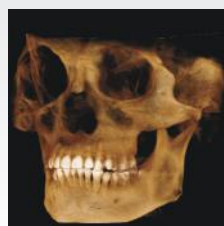
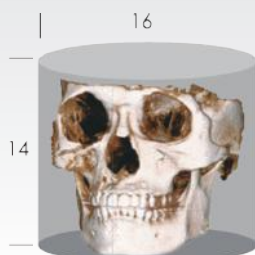
Face

Normal Resolution

200 μm

Full arch including
relevant bone areas

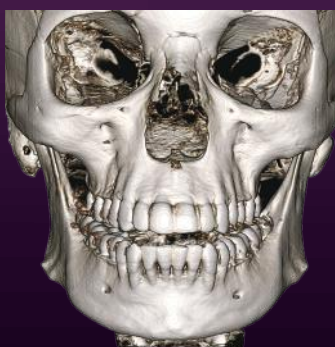
φ 16X14



High Resolution Computed Tomography Technology

Clearly defined images in three dimensions provide users with accurate diagnostic information

3 in 1 CBCT



CBCT



PANORAMIC



CEPHALOMETRIC

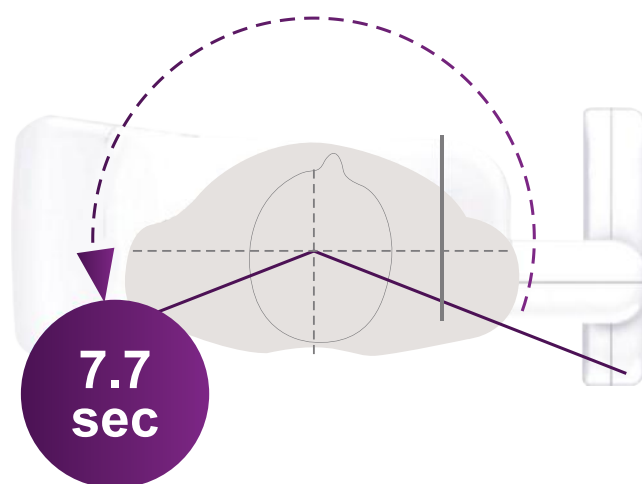
Automated Sensor Switching

Auto -Swing



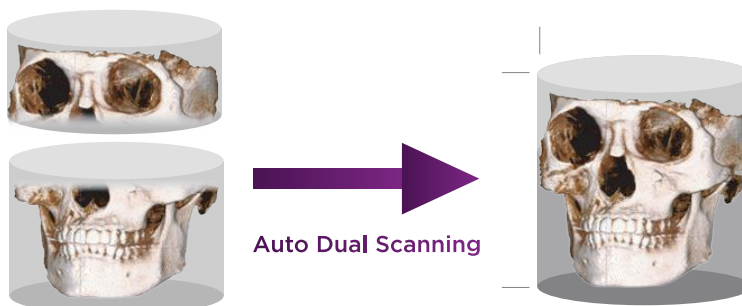
Fast Scanning Mode

Scanning times as low as 7.7 seconds reduces dose, motion artifacts and image distortion.



Auto Dual Scanning CT Technology

The wide high definition images can be enhanced by auto dual scanning technology.



Improved Image Processing

SMARF™ (Smart Metal Artifact Reduction Function) minimizes the effect of metal artifacts caused by prosthetics to prevent image degradation.



Without SMARF



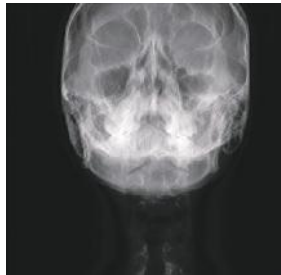
With SMARF

Cephalometric

Advanced Solution For Orthodontic Diagnosis



AP



Water View



SMV

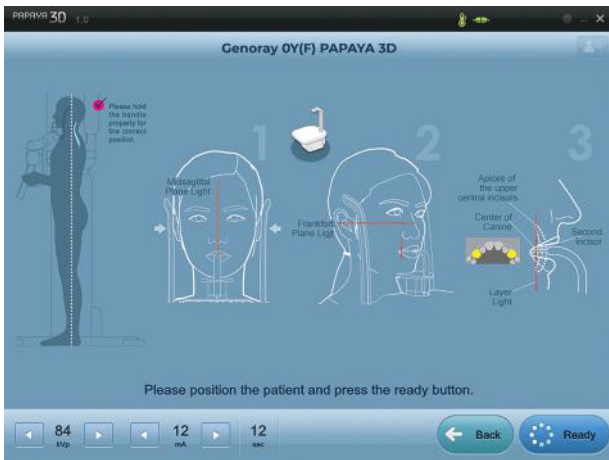


Carpus



- The optimized mechanical structure is designed for symmetrical balance, enhanced safety and durability
- To optimise result, the sensor automatically positions for each exposure mode
- Only 4 seconds for scanning, a cephalo image in fast mode reduces motion artifacts

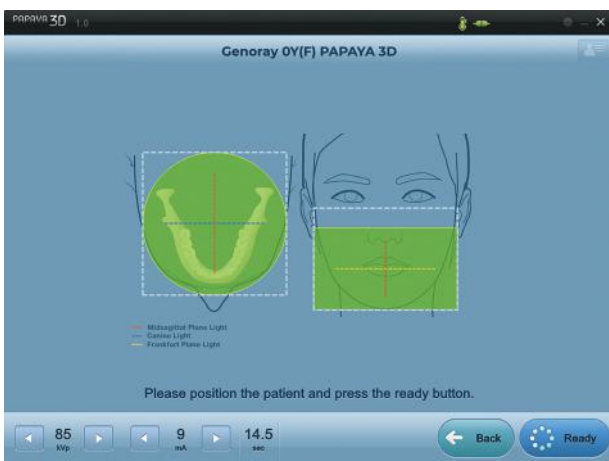
PAPAYA 3D Operation Software



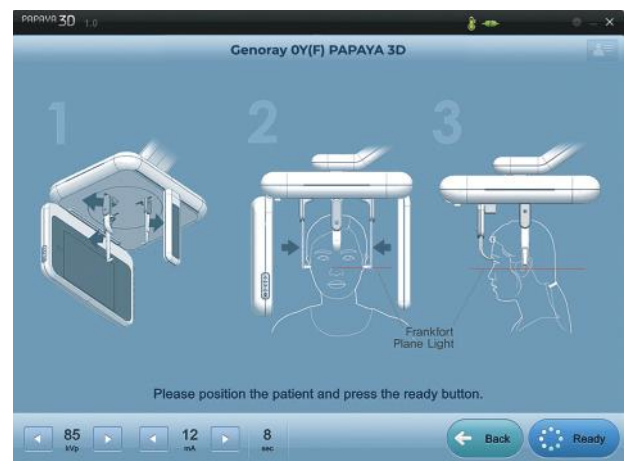
Panoramic Patient Positioning Guide



CBCT Mode



CBCT Patient Positioning Guide



Cephalometric Patient Positioning Guide



Cephalometric Mode



Auto-Positioning Function

Invivo7

Advanced 3D Imaging Software

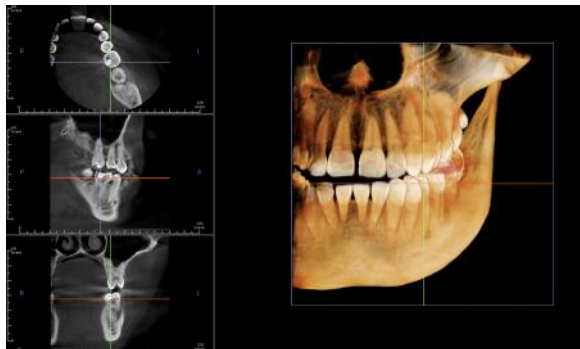
The Invivo dental software is backend by Anatomage, Inc. Which is a medial imaging company composed of a cross-functional team consisting of the most elite researchers, mathematicians, engineers, software developers, business analyst, industry leaders, academic faculty and dental specialists.

POWERFUL

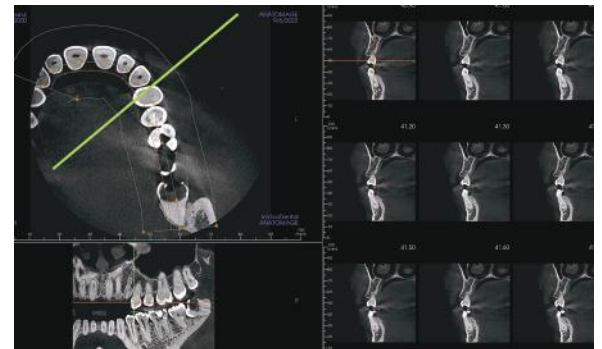
MARKET LEADER

ONE SOFTWARE FOR ALL MODALITIES

RELIABLE



Layout



MPR

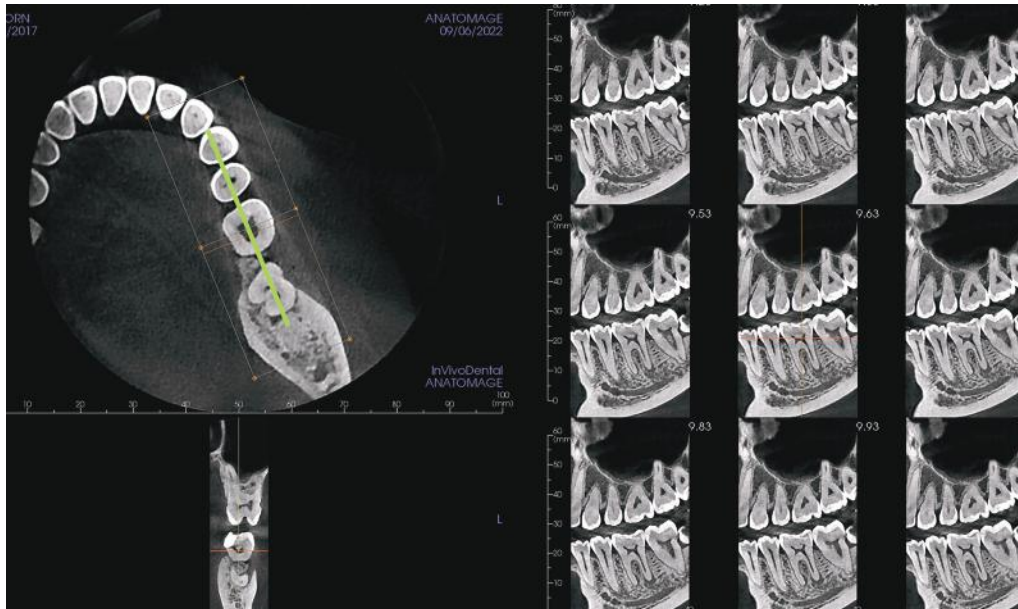


Section View

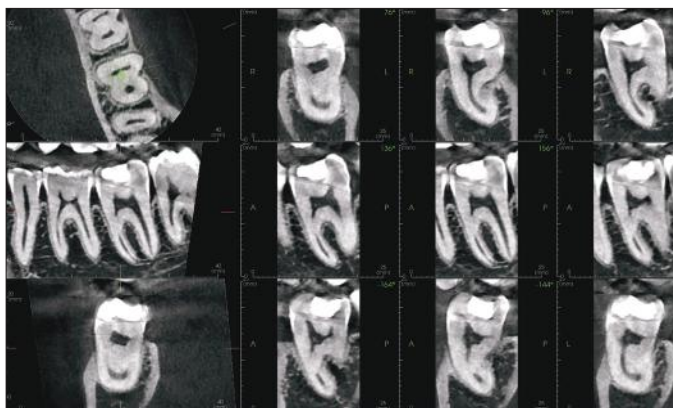


Pano View

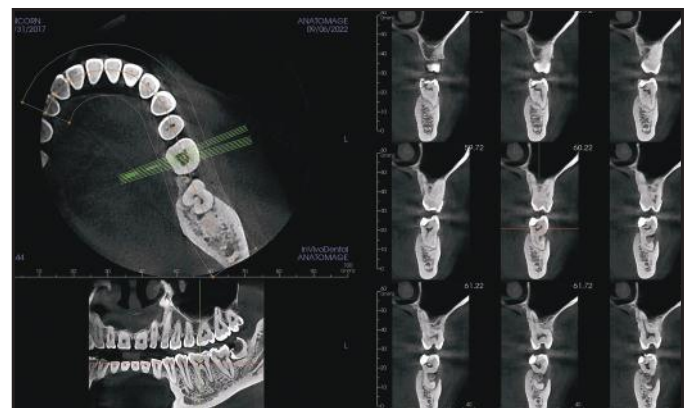
InVivo7



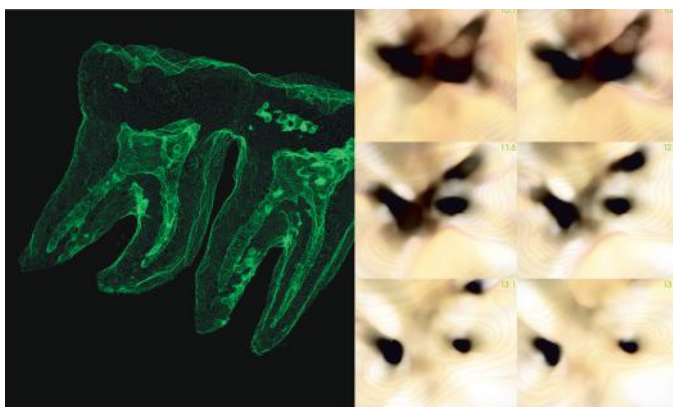
Arch View



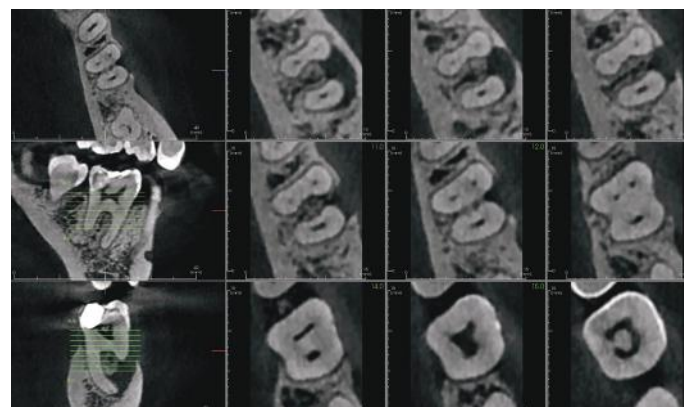
Endo View



Arch View

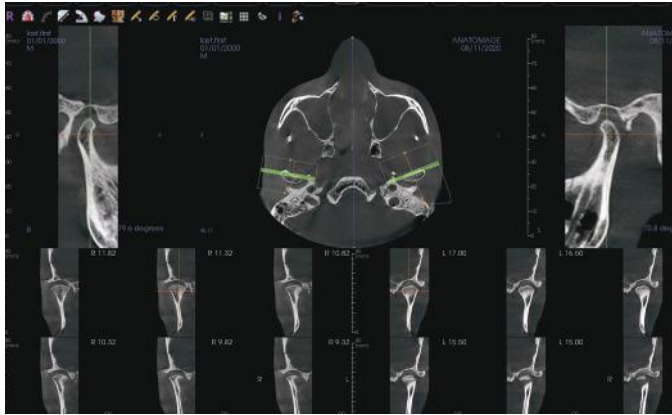


Pulp & Endoscopy View

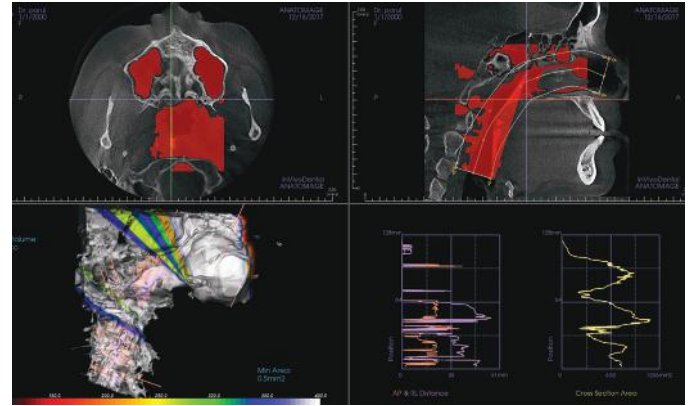


Endo View

Invivo7



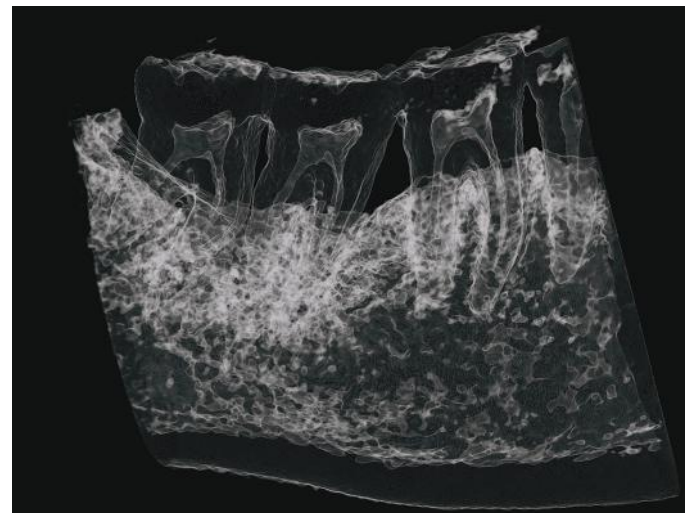
TMJ View



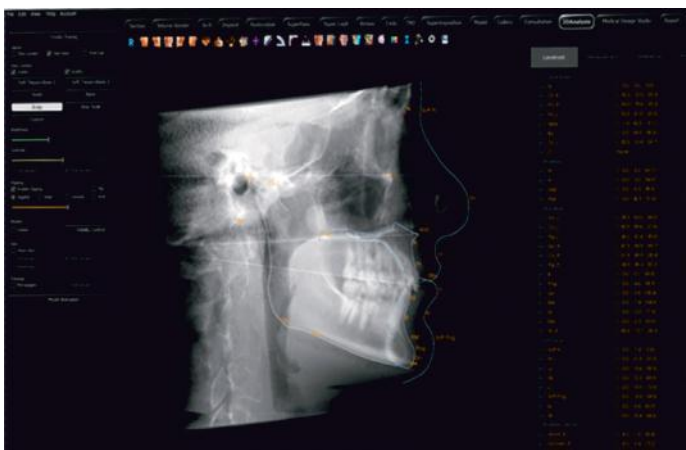
Airway Analysis View



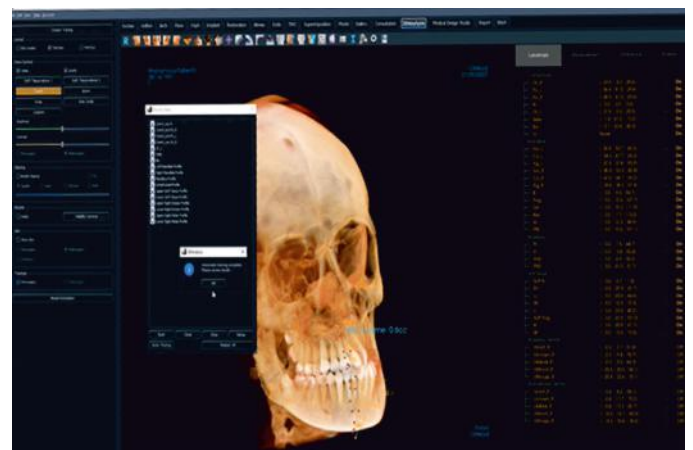
Automated Surgical cuts



Endo View



AI-Driven Cephalometric Tracing



Compatible With 2D Analysis

3D CT

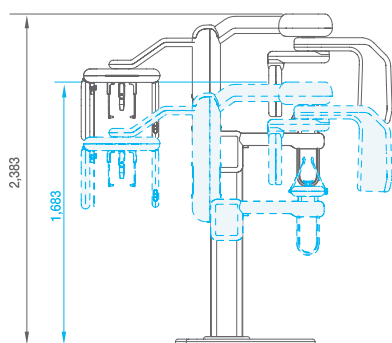
PAPAYA 3D Technical Specification

Exposure Time	Panoramic	9 ~ 17 sec
	Cephalometric	-
	CT	7.7/14.5 sec
Voxel Size	75~400 μ m	
Focal Spot	0.5mm	
Target Angle	5°	
Tube Voltage	60 ~ 90kV	
Tube Current	4~12 mA	
Gray Scale	14 bit	

Sensor

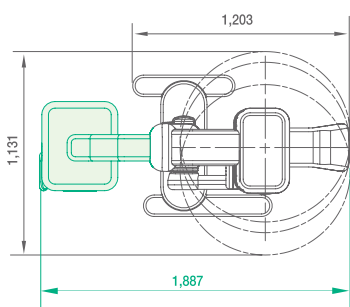
Exposure Time	CT	Panoramic	Cephalometric
Pixel Pitch	100 x 100 μ m	75 x 75 μ m	75 x 75 μ m
Active Area	130.2 x 128 mm	152 x 6.5 mm	228 x 6.5 mm

Dimensions



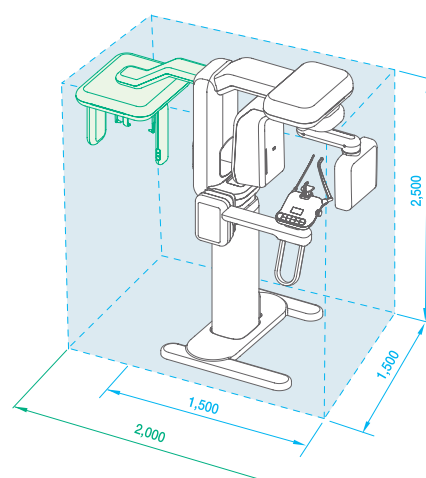
PAPAYA 3D

1,203(W) x 1,131(D) x 2,383(H) mm
145 kg



PAPAYA 3D Plus

1,887(W) x 1,131(D) x 2,383(H) mm
160 kg





WHERE **TRUST** COMES **FIRST**



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Warranty Ke Baad Bhi**

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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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