

# Point 3D Combi 500 Stitching

4 in 1 Digital System Multi FOV (16X15)



# Point 3D Combi 500S



Cone Beam CT(CBCT)  
Panoramic  
Cephalometric  
Model Scan

4 in 1 Digital System  
Multi F.O.V

## Point 3D Combi 500S

- 4 types of Multi FOV suitable for diagnostic purposes
- Lower Radiation Dose
- Comfortable patient positioning
- 21x17 cephalo image size (One shot FPD)
- Wheelchair accessible



Handle for maintaining  
a stable posture



Mirror for accurate  
shooting posture


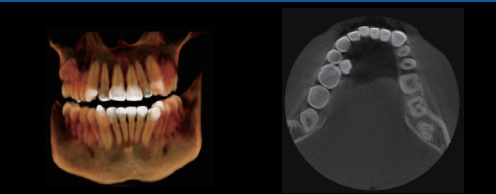



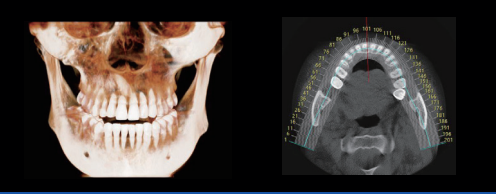




Wheelchairs accessible

## Multi-FOV Selection / 500 Stitching

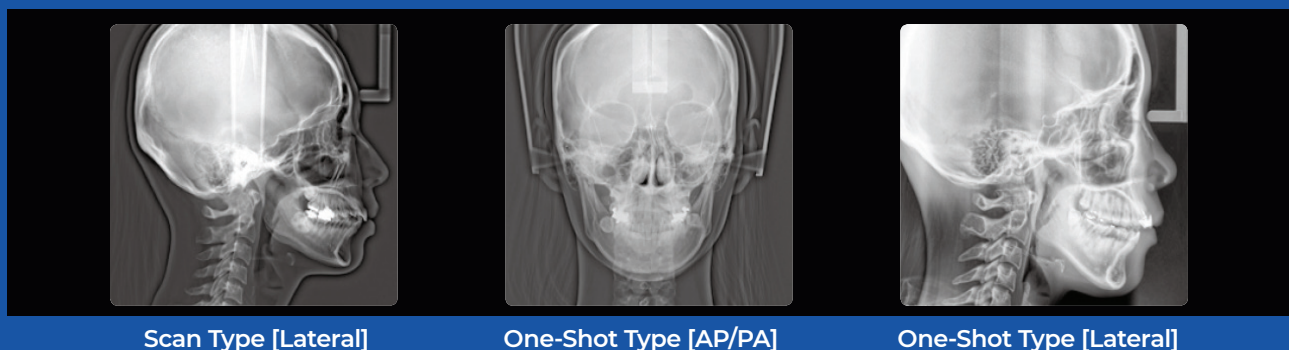
Each FOV size provides the most suitable work field depends on desired diagnosis

### Multi F.O.V(Field of View)

FOV	REGION OF INTEREST	SAMPLE IMAGES	RECOMMENDED APPLICATION
10×10			<ul style="list-style-type: none"> <li>• Implant placement</li> <li>• Endo</li> <li>• All cases requiring high resolution (180 um)</li> </ul>
12×10			<ul style="list-style-type: none"> <li>• Implant placement</li> <li>• Several cases related to the mandible (250 um)</li> </ul>
16×10			<ul style="list-style-type: none"> <li>• Implant placement</li> <li>• TMJ diagnosis</li> <li>• Complicated dental impaction</li> <li>• Difficult treatment plan</li> <li>• Airway (300 um)</li> </ul>
16×15			<ul style="list-style-type: none"> <li>• Implant placement</li> <li>• Orthodontics</li> <li>• Facial reconstruction</li> <li>• Sinus &amp; Airway</li> <li>• Several cases related to the maxillary and mandible</li> <li>• Stitching image (500 um)</li> </ul>

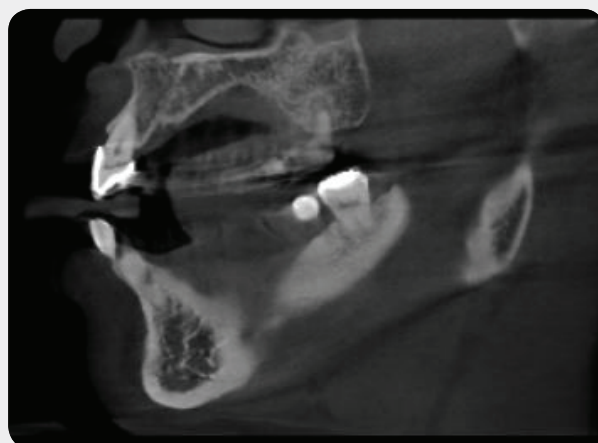
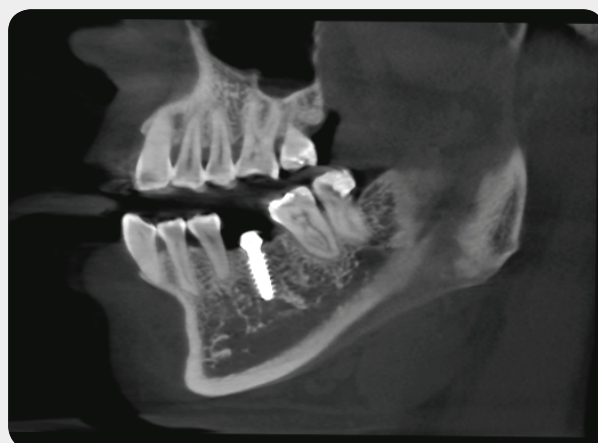
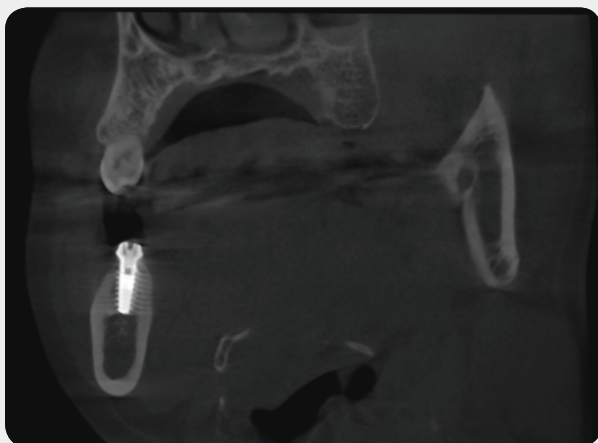
## Cephalometric Image Quality

High resolution Cephalometric Technology



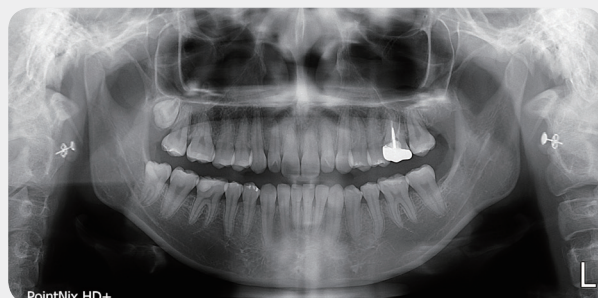
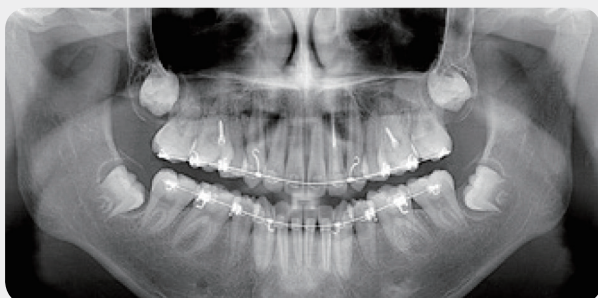
## **MAR (Metal Artifact Reduction)**

Provides images optimized for diagnosis by minimizing metal artifacts Improved image reflection through interactive algorithm for 3D reconstruction.



## **A.M.D(Automatic Management Dosage) solution**

High resolution Panoramic Technology



	Panoramic Modality	Cephalometric Modality	3D Modality
Sensor technology	CdTe, CMOS	CdTe, CMOS Direct Deposit Csl, DRZ Plus	Direct Deposit csi, DRZ Plus
Image field (Pixel matrix)	1500x48 (Pixel matrix)	Scan ceph : 2200 x 48 (Pixel matrix) One shot ceph : 2176 x 1792 (Pixel matrix)	Single F.O.V 10x9,12x9 or 16x9 Multi F.O.V (10x9,16x9,16x15)
Gray scale	12bits	12bits	16bits
Radiological exam options	Full panoramic, segmented Panoramic macillary sinus, TMJ	Lateral, Frontal AP or PA, carpus (optional)	Full upper or lower jaw –full, Upper or lower molar-Occlusion-Teeth
Exposure time	Pano / TMJ 17s / 11s	(Scan) 10s / (One shot) 0.8	19s

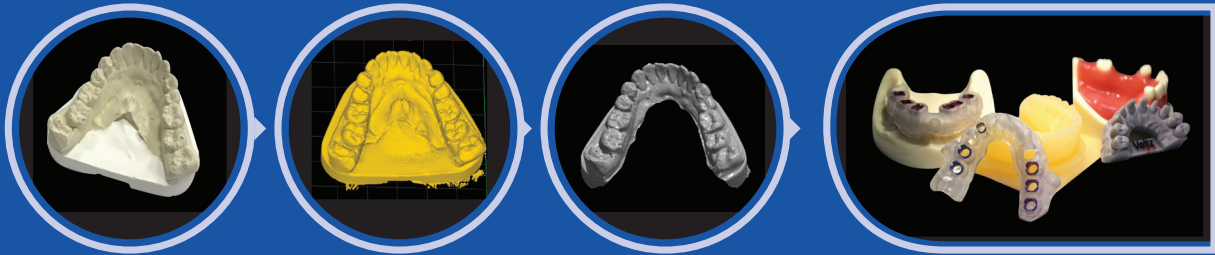


## Technical Specifications

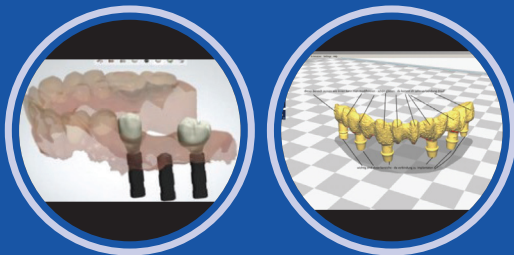
Input voltage	220v 50/60Hz, 230v 50Hz
Weight	190 kg
Unit dimension	2300mm × 1420mm × 1920mm
X-ray Tube	D-054SB (Focal Spot 0.5mm)
kVp / mA	50~90kVp / 4~16mA
Frequency ranges	40~150kHz

## Object Scan(Digital Impression)

Scan Your Model/Impression and convert the Dicom to STL file



A function that shows anatomical information such as Bone and Nerve by merging patient CT image and data through model scanning.



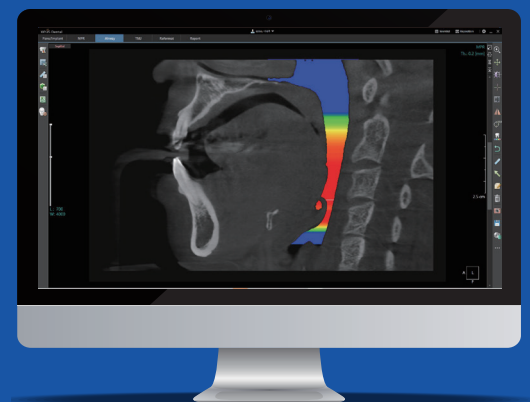
- Able to check a soft tissue and CT anatomical informations at the same time.
- Possible to virtualize prosthesis positioning and implantation.
- Increases the rate of consent to treatment through visualized treatment plan consultation.
- Eligible to scan both silicone impression and gypsum.

## Point Airway solution

It visualizes the volume of Airway by color and provides accurate information for clinical diagnosis.

Through this, intuitive consultation with the patient is possible, which helps to increase the consent rate for treatment.

- Quick airway analysis by only 2 clicks.
- Intuitive analysis of airway shape and volume in colors.
- Real-time analysis in Axial : The total volume of the airway, the minimum area, and the area in the AP&RL direction.
- Field of application : general correction / oral and maxillofacial surgery / snoring / sleep apnea





Implant



Unit chair



Laser

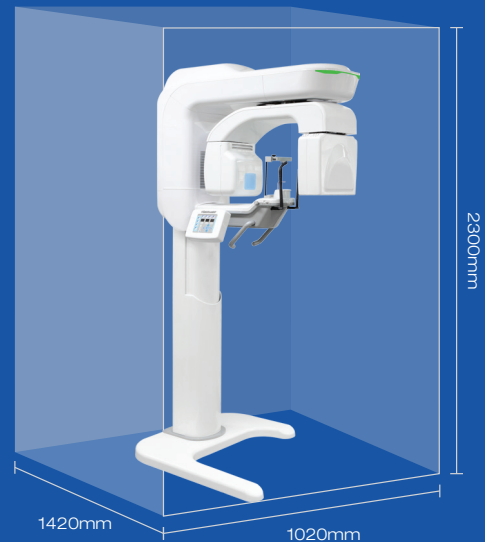
## [Dimension]

### Point 3D Combi 500 Series (3D)



**Point 3D Combi 500S (CT+Pano+Ceph)**  
**Point 3D Combi 500 (Pano+Ceph)**

· Size 2,300mm × 1,420mm × 1,920mm  
· Weight 190kg



**Point 3D Combi 500 (CT+Pano)**  
**Point 3D Combi 500 (Pano)**

· Size 2,300mm × 1,420mm × 1,020mm  
· Weight 150kg

**PointNix · HALLIM · Point Implant · Point Anybeam**

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