

PaX-i3D Series Product Information



1. PaX-i3D Product info.

1) Technical Specification



	8X8M	12X9M
Function	3 in 1	
FOV	5X5, 8X5, 8X8	5X5, 8X5, 8X8, 12X9

Scan time	▪ CT: 15sec / 24sec ▪ Pano: 10.1 (Normal) / 13.5 (HD) ▪ Scan Type Ceph: 12.9sec (Full LAT: 16.9sec) ▪ One Shot Ceph: 1.2sec (LAT: 0.9sec)
Auto Switching	Available
Pano Option	Magic PAN
Ceph option	Scan Type Ceph One Shot Ceph: OS / OP
Patient Position	Face to Face (side entry) Standing type Wheelchair Accessible

1. PaX-i3D Product info.

2) Model Line UP



Option	Detail	Remark
PaX-i3D	Panoramic & CT	2 in 1
PaX-i3D SC	Panoramic, Cephalometric & CT	3 in 1 Scan Ceph
PaX-i3D OS	Panoramic, Cephalometric & CT	3 in 1 One shot Standard (9X10 inch)
PaX-i3D OP	Panoramic, Cephalometric & CT	3 in 1 One shot Premium (12X10 inch)

1. PaX-i3D Product info.

3) CBCT Info. : PaX-i3D **8X8**

	PaX-i3D 8X8
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Multi FOV Size	5x5 / 8x5 / 8x8
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FOV 8x8_0.2 Voxel Image

Actual Size Measurement



1. PaX-i3D Product info.

4) CBCT Info. : PaX-i3D **12X9**

	PaX-i3D 12X9
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Multi FOV Size	5x5 / 8x5 / 8x8 / 12x9
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2. PaX-i3D Series: Pano

1) Optimized Panoramic image



2. PaX-i3D Series: Pano

2) Capture S/W: Capture Mode & Condition



According to patients' age, acrch, sec, etc, user can choose the optimal image capture conditions



• Patient's Arch : **Narrow – Normal – Wide - Child**

• Different setting values (kVp, mA) according to patient

- Man, Woman, Child / Hard, Normal, Soft

• Variety of Capture Modes

Section	EXAMINATION MODE
PANO EXAMINATION	Standard / Right / Front / Left
	Orthogonal Standard / Right / Front / Left
	Bitewing Standard / Right / Front / Left
SPECIAL EXAMINATION (Optional)	TMJ LAT (Open / Close) / Sinus PA TMJ PA (Open/ Close) / Sinus LAT

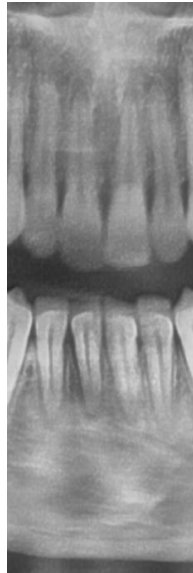
2. PaX-i3D Series: Pano

3) Magic PAN (Option)

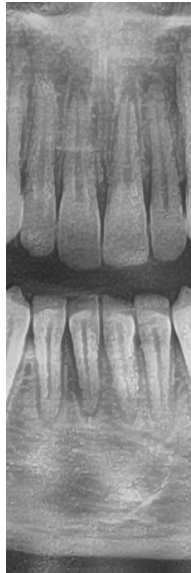
Magic PAN is the function to acquire the high quality image automatically with the technology of searching the best layer of each area of a pano image.

Image quality is increased especially at incisor, canine, TMJ and root canal.

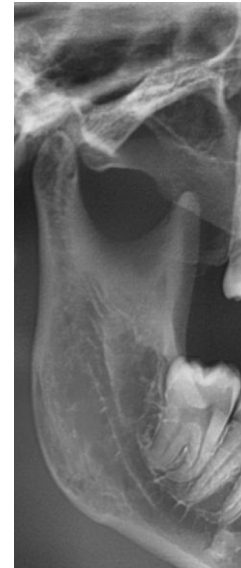
Incisor
– Maxillary



Normal Panorama



Magic PAN



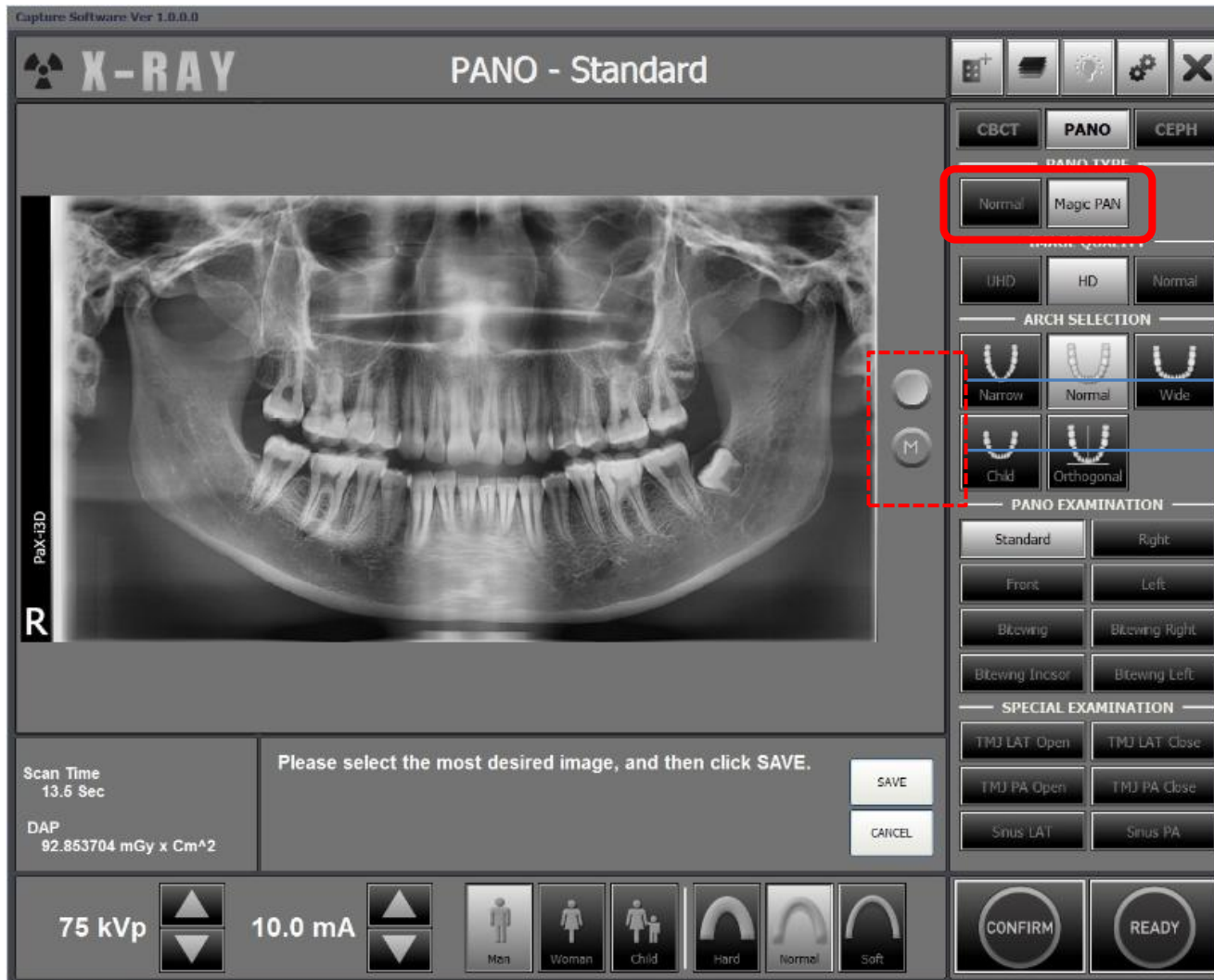
Normal Panorama



Magic PAN

TMJ

2. PaX-i3D Series: Pano



① Normal / Magic PAN



Normal

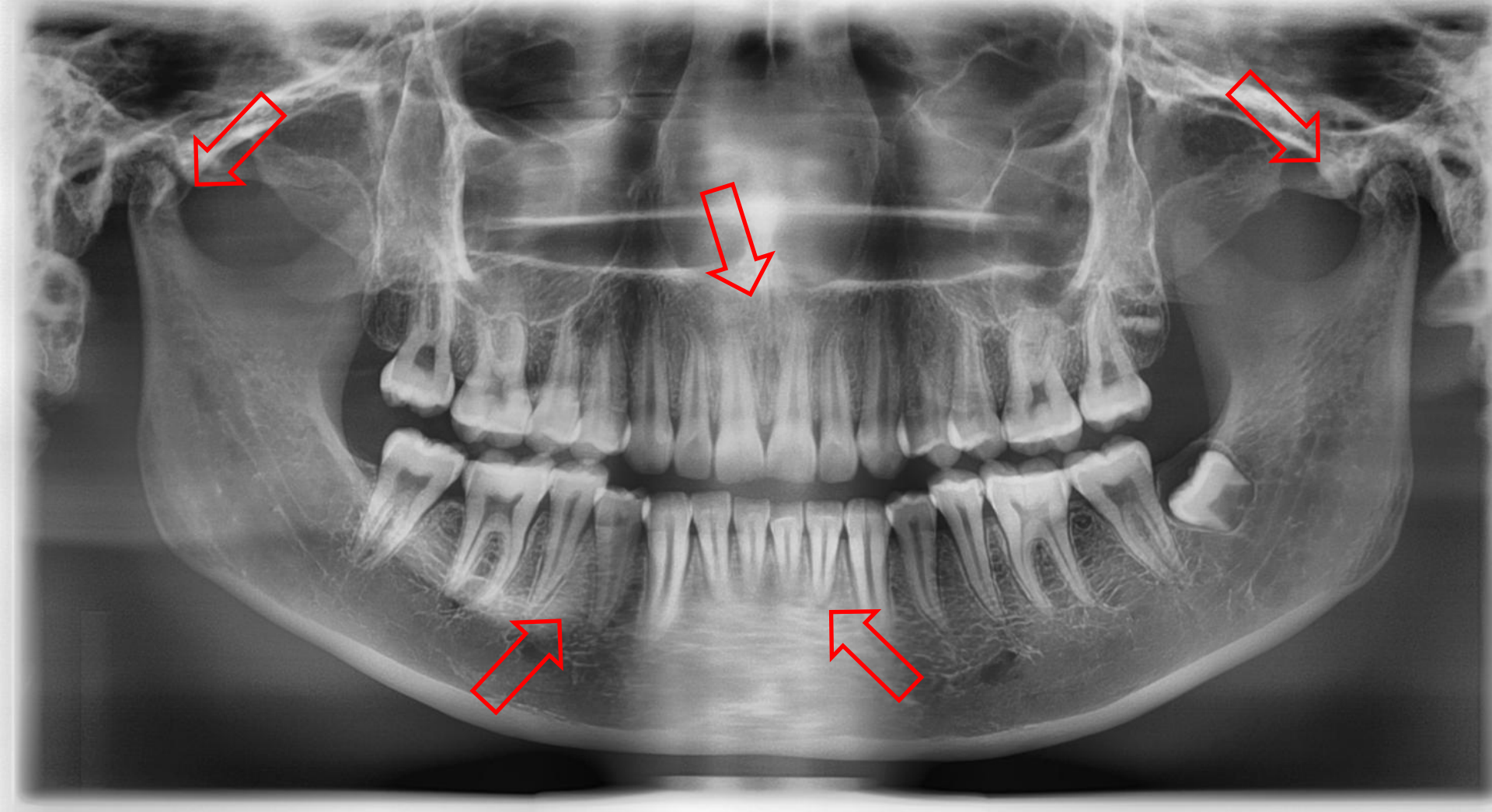
Magic PAN



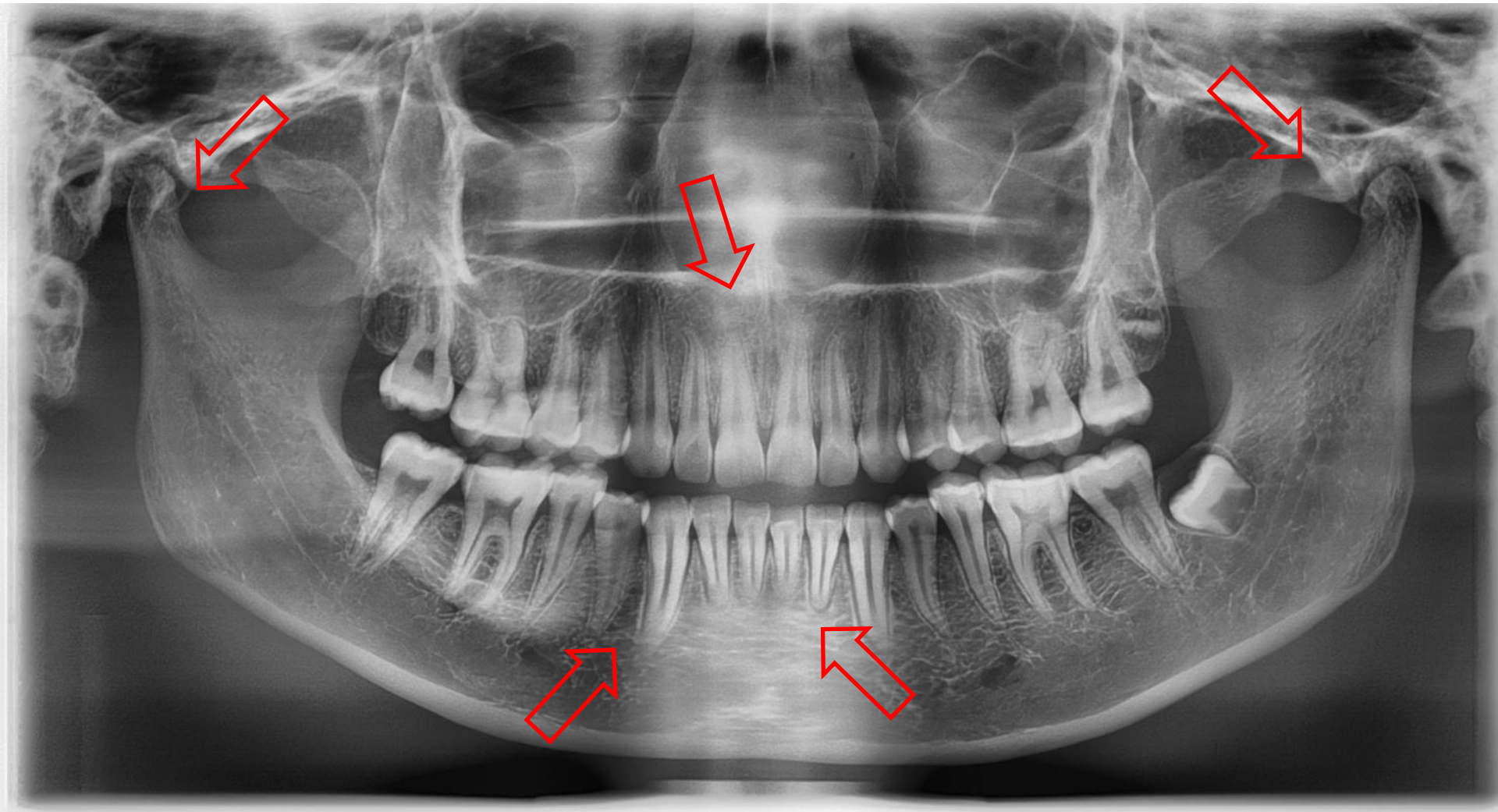
**User can choose
between Normal and
Magic PAN,
User can save a image
which is good for
them**

**(Same as Auto Focus
process)**

Sample Image – Normal



Sample Image – Magic PAN



3. PaX-i3D Series: Ceph

	SC (Scan Ceph)	OS (One shot Standard)	OP (One shot Premium)
Exposure time (lateral 기준)	12.9	0.9sec	0.9sec
Multi FOV	○ (Lateral Mode only)	○ (Lateral, PA Mode)	○ (Lateral, PA Mode)
Image Size (inch)	11X8.5 (Full lateral) 8.5X8.5 (Normal)	9X10 (Medium) 8X8 (Small)	12X10 (Large) 9X10 (Medium) 8X8 (Small)
Capture Mode	Full Lateral Lateral, PA, Carpus, Waters view, SMV	Lateral, PA, Carpus, Waters view, SMV	Lateral, PA, Carpus, Waters view, SMV
Image			

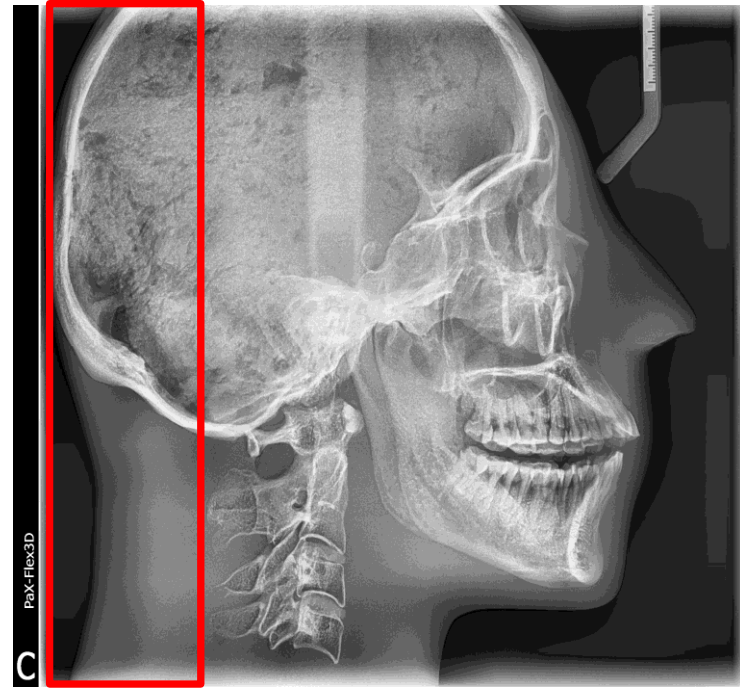
3. PaX-i3D Series: Ceph

2) Scan Ceph

Examination Program	Scan Time (sec.)	Image Size (inch)
Lateral	12.9	8.5 x 8.5
Full Lateral	16.9	11 x 8.5



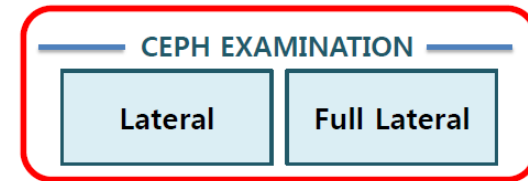
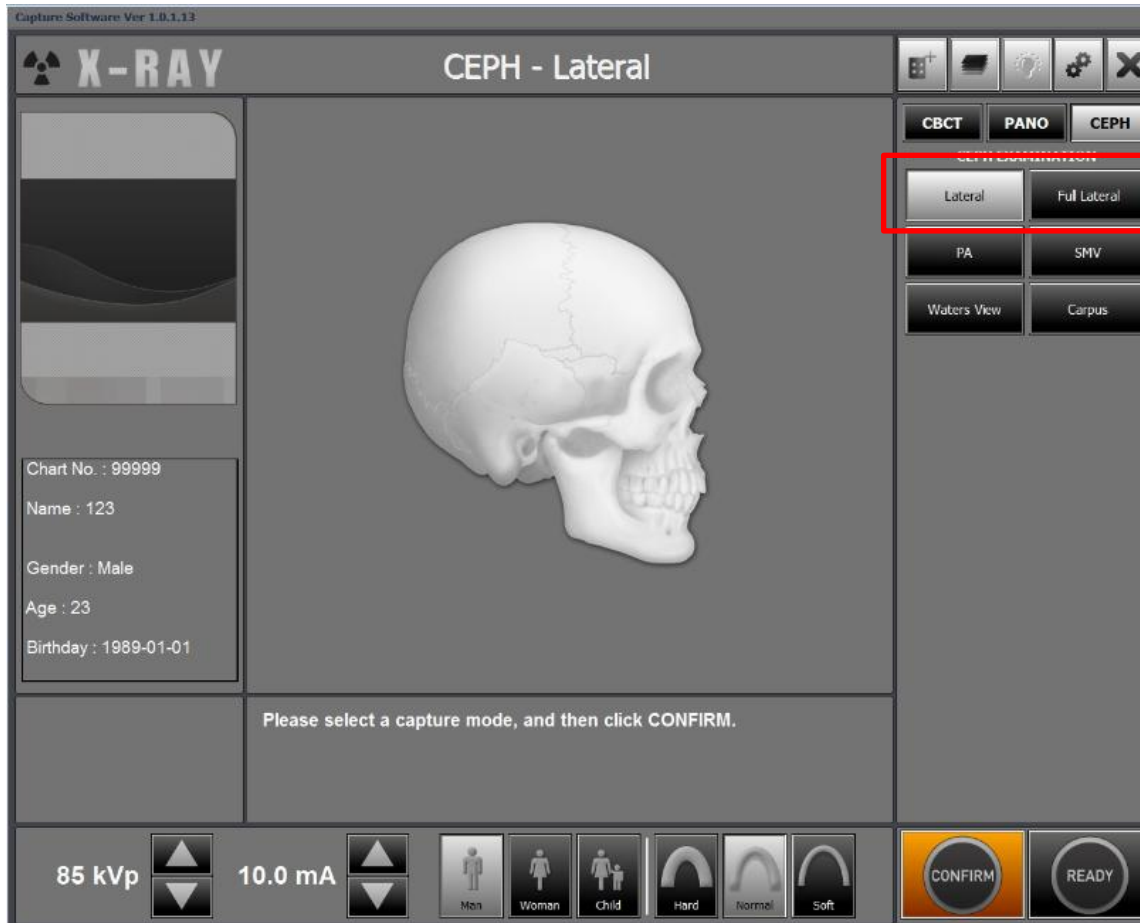
[Lateral]



[Full Lateral]

3. PaX-i3D Series: Ceph

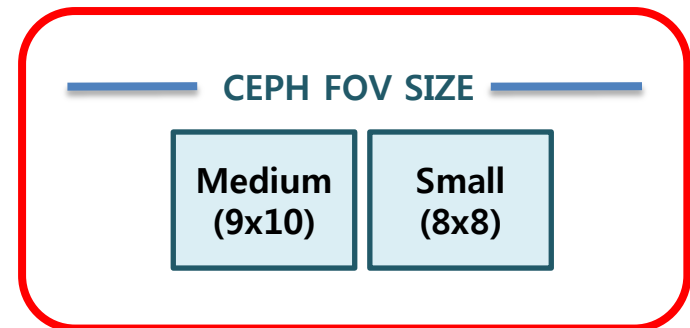
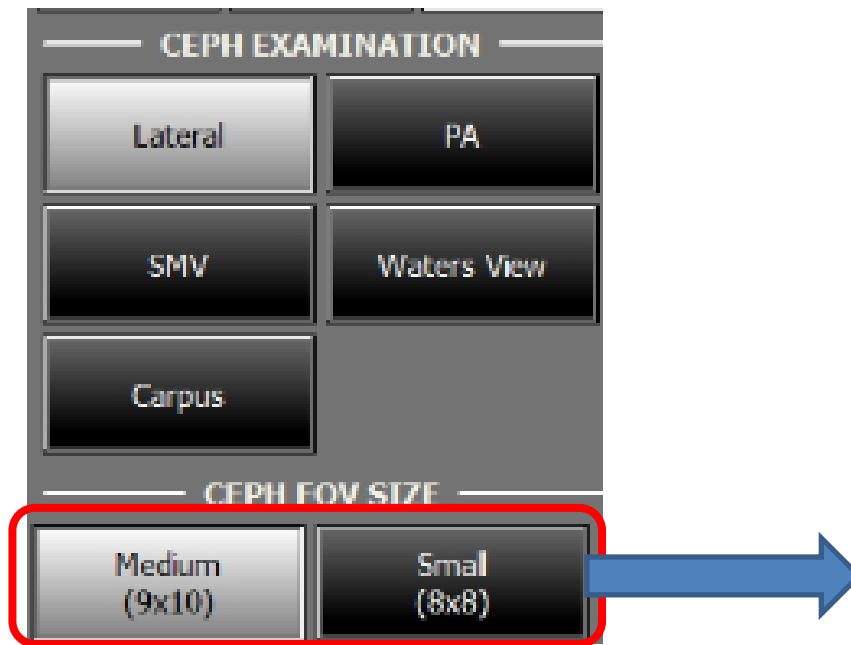
2) Scan Ceph



3. PaX-i3D Series: Ceph

3) One Shot **Standard** Ceph

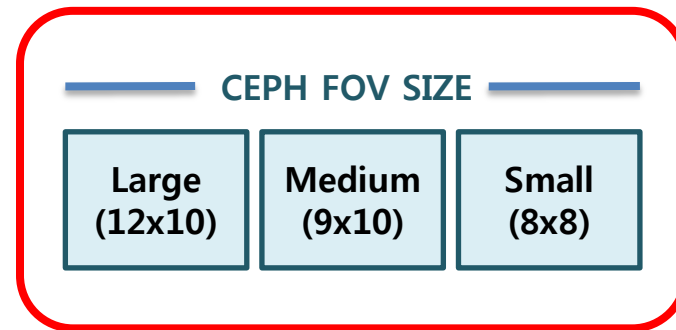
- Medium(9X10), Small (8X8) : Lateral & PA Mode only



3. PaX-i3D Series: Ceph

3) One Shot **Premium** Ceph

- Large (12X10), Medium(9X10), Small (8X8) : Lateral & PA Mode Only



3. PaX-i3D Series: Ceph

4) OS (One shot Standard) Vs. OP (One shot Premium) max. Image Size Comparison

OS
(9X10")



Lateral



PA

OP
(12X10")



Lateral

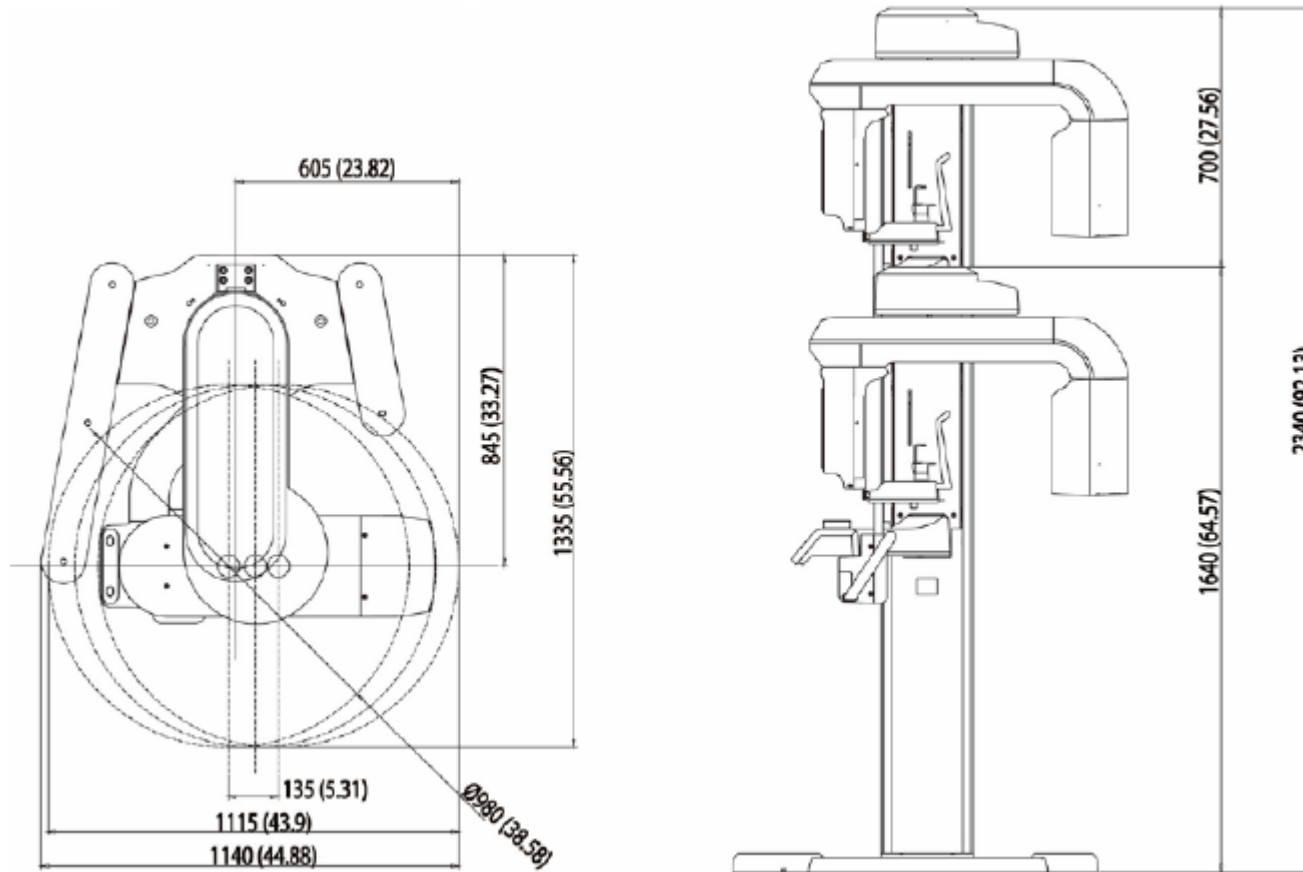


PA



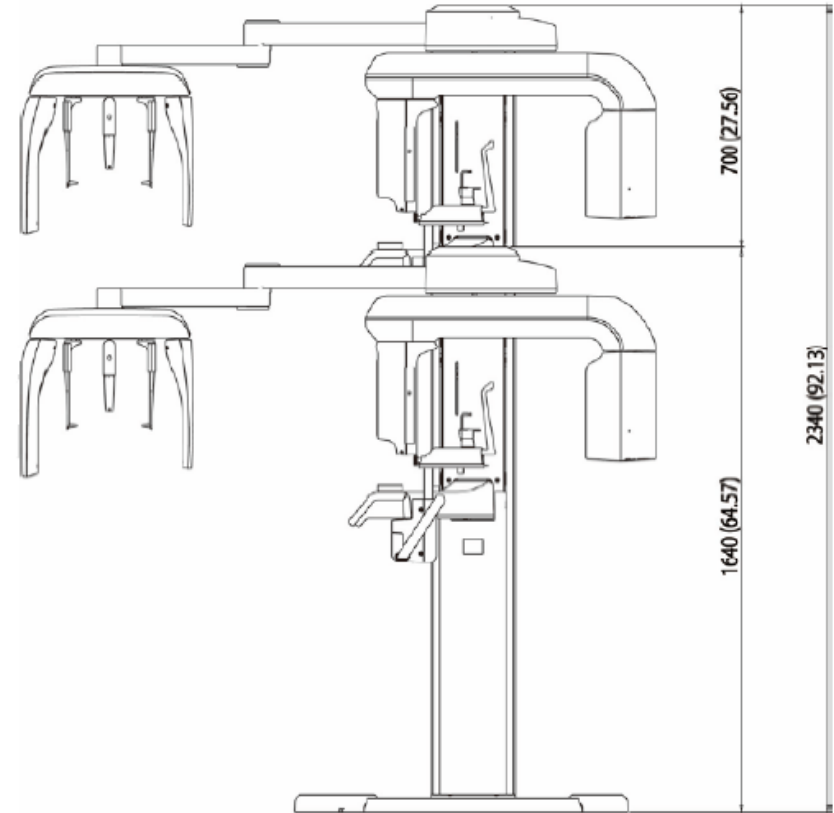
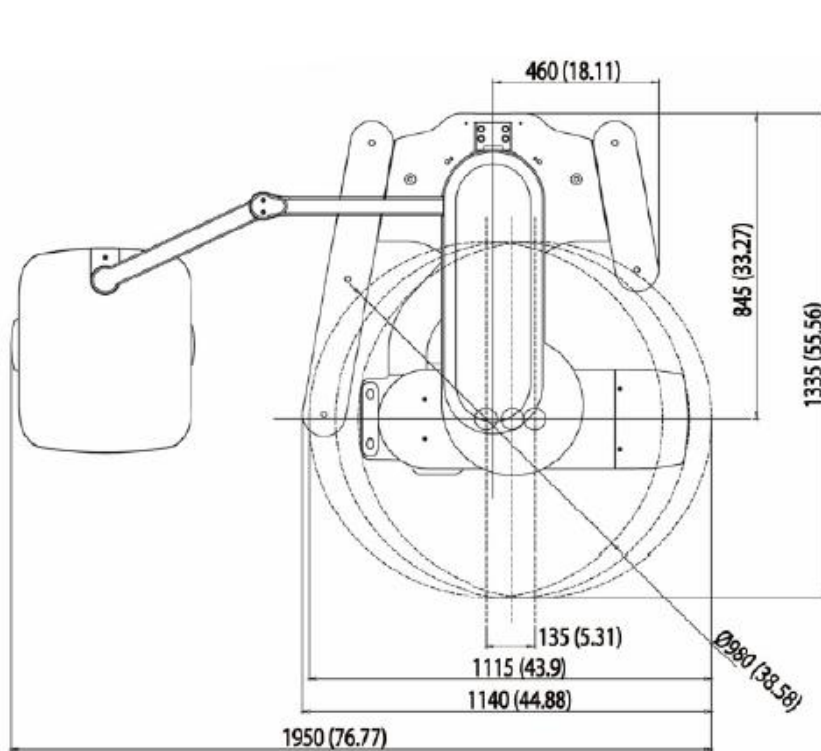
4. Appendix. Dimension

1) PaX-i3D _ Pano + CT [Unit: mm (inches)]



4. Appendix. Dimension

2) PaX-i3D _ Pano + CT + Scan Type Ceph [Unit: mm (inches)]



4. Appendix. Dimension

3) PaX-i3D _ Pano + CT + One Shot Ceph [Unit: mm (inches)]

