



Pre Installation guideline for Genoray PAPAYA 3D/ PAPAYA 3D PLUS

Room dimensions and Requirement

- The room housing for CBCT unit shall not be less than 13 m². No Single dimension of the CBCT room shall be less than 3.5 m. (As per the Atomic Energy Regulatory Board, Govt of India.)
- Single door Entry and Exit Point.
- The door's internal measurements must be at least 36 inches.
- There shall be no windows.
- Ventilation shall be above 2.0m from the floor.
- The Patient Waiting Area Should Be as far as possible.
- There should not be installed more than one x-ray equipment in a single room.
- Not allow any window in the examination room below at a height of 2.0 meters
- If the required shielding for the wall or door of any material shall be provided at least up to the height of 2.0 meters from the external finished floor of the examination room.
- The minimum wall thickness of the X-ray room should be 9 inches or 23cm solid brick, Or 1.5mm thick lead. (As per the Atomic Energy Regulatory Board, Govt of India.)
- The door should have shielding of 2 mm Lead with Window on the Door must be enclosed by LeadGlass.

Operating Condition:

Air Conditioner and fan must be installed in the OPG Room

Operation Conditions: Temperature: 10°C ~ 30°C - Humidity: 30% ~ 75% RH (non-condensing) - Air pressure : 800 ~ 1060hP

Floor

The condition of the Floor should be flat and in proper level, Wooden and Fibre Glass floor is not recommended

Earthing

(+5 volt) Proper Earthing point should be there.

Power Supply:

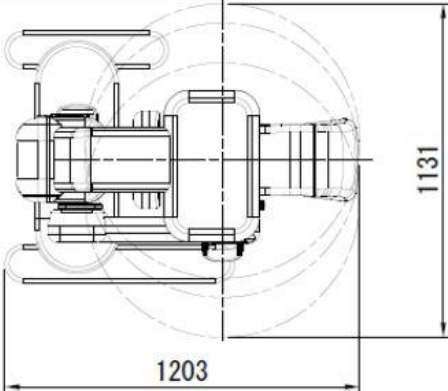
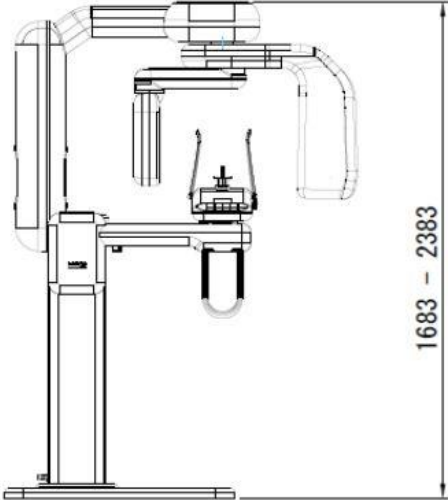
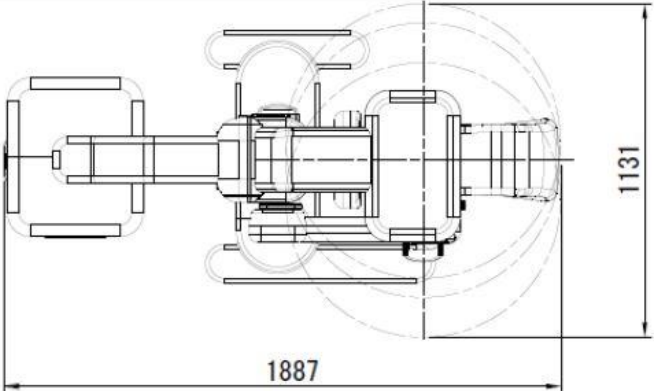
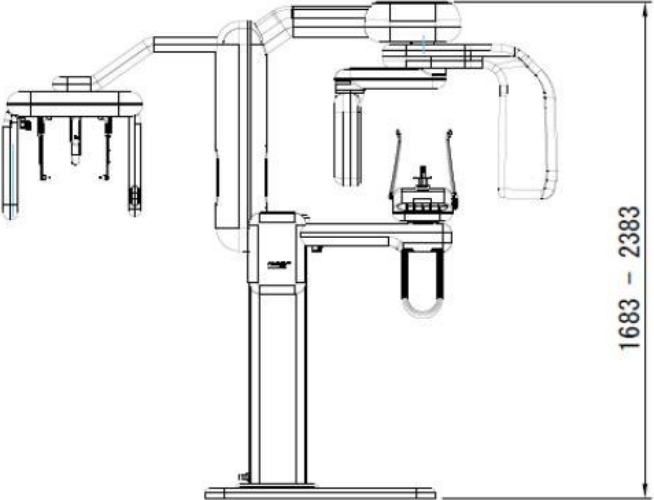
One Electric Point in Room 15 Amp (3 Pin) for Online UPS.

3KVA **Online UPS** with Minimum 20 Minutes Power Backup.

AERB room layout requirements**Dental CBCT/OPG**

Shielding Material	Distance from centre of patient Table			
	0.5m*	1.0m	1.5 m	2.0m
Brick (cm)	22	17	15	12
Concrete (cm)	15	11	9.5	8
Baryte Plaster (cm)	1.5	1.0	--	--
Lead (cm)	0.22	0.17	0.15	0.12
**Any other material	2.6 TVT	2 TVT	1.72 TVT	1.4TVT
*Considered at this distance as the foot print of this equipment is small 100cm X 150cm Floor (if installation is not on ground floor) and ceiling thickness of 6-8 inch concrete is adequate.				

Machine Dimension:

 	 
PAPAYA 3D Dimension = 1,203(W) * 1379(D) * 2383(H)	PAPAYA 3D PLUS Dimension = 1,887(W) * 1131(D) * 2383(H)

UNITS ARE IN MM

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SAMPLE of PAPAYA 3D PLUS CBCT SITE PLAN

