



ASPEN IMAGING

## AspenXDR Gen. 2.0 TECHNICAL SPECIFICATION



**AspenXDR GENERATION 2.0** features the motorized auto positioning of a U-arm, at the price of a straight arm. This hybrid Straight Arm system comes fully-loaded with a 9.5” touch screen, a remote control for positioning, and a 5-year warranty

### SYSTEM CONFIGURATION

- I. **Standard Configuration**
  - a. Straight-Arm Stand
  - b. X-ray Tube
  - c. Collimator
  - d. Grid
  - e. High Frequency Generator
- II. **Optional configuration**
  - a. Portable Table
  - b. AEC
  - c. Alternative X-ray Generators
  - d. Alternative X-ray Tubes
- III. **Dimensions**



## I. Standard Configuration Specification

### a. Straight Arm

Power Requirement 4 Amps @120VAC or 2 Amps @200~240VAC, 50/60HZ

Source to Image 40~72" [Continuously Adjustable]

Arm Rotation Angle -30°~120°

- Motorized

Vertical Travel 3500 - 1680mm

Touch Screen:

- 9.5"
- displaying SID and Angle of Rotation
- APR position
- Calibration mode

System Dimensions:

- 51"(W), 80"(H), X 41"(D)
- System Weight: 332 KGs

Detector Tilting ±45°

Operation Remote Control with Exam Specific Pre-sets

Movement Control Bucky, Touch Panel Console, Remote Control

Dual-Speed Motorized Movement

- Source to Image Movement[SID]
- Arm Elevation Movement
- Rotation of Arm

### b. X-ray Tube

125 kV capable

Focal Spots: 0.6,1.5

Anode Heat Capacity: 200 kHu

### c. Collimator

Model: Collimare

Light source: White LED light

Light source can be controlled by push button

Laser light for precise alignment

Bright red laser crosshairs

Rotation: ±45°

Maximum kV: 150

Shutters: Multi-layer; 4 pairs of shutters in 2 layers

### d. Grid

Materials Carbon-Interspaced with Carbon-Fiber

Dimension 470 x 470 cm

Ratio 10 : 1

FD SID 130

### e. High Frequency X-ray Generator

CPI CMP200DR

40 kW

Up to 400 kHz switching frequency

Mini Console & Hand Switch



DR Port opened for single console integration to IT networks  
125kV, 500mA capable

Input Power Options (Please confirm at time of order):

- 1phase: 208V
- 3phase: 208V or 480V

Automatic Calibration

GenWare Service tool

Tube Protection Circuitry

Integrated service software assists in calibration and service

Self-diagnostic circuitry with error code recording for fast trouble shooting

## II. Optional Configurations

### a. TABLE

Dimensions 1970 x 728 x 700mm

Caster Individual Locking Casters

Table Working Load 235 kg / 518 lbs (patient weight) + 15kg / 33 lbs (accessory weight)

### b. AEC

Model: Claymount ICX2122B

Number of measuring fields: 3

kV Range: 40 – 150 kV

Exposure Time range: 1ms – 5s

Weight: 950g

\*\*Also includes AEC interface board on the CPI CMP200DR x-ray generator

### c. Alternative X-ray Generators from CPI

Power output 32~80KW

KVP Step 40 to 150

mA Step ~630mA

mAs ~630mAs

Time 1ms ~ 5sec [0.1 step]

### d. Alternative X-ray Tubes

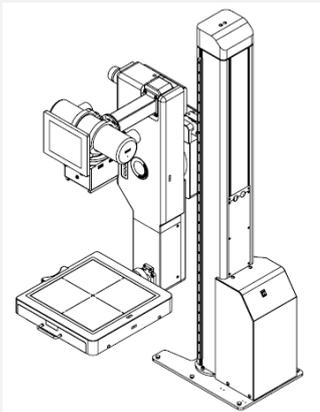
Anode High Frequency Rotating Type

focal Spot(mm) 0.6/1.2mm

Operating voltage 40~150kVp

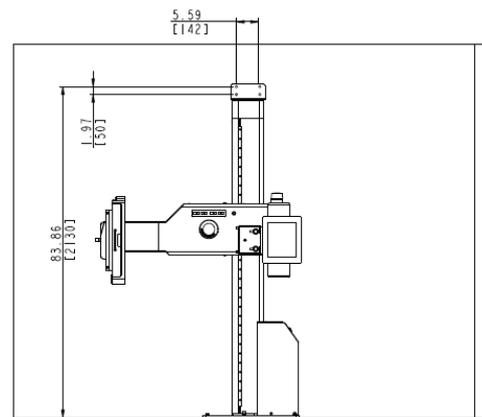
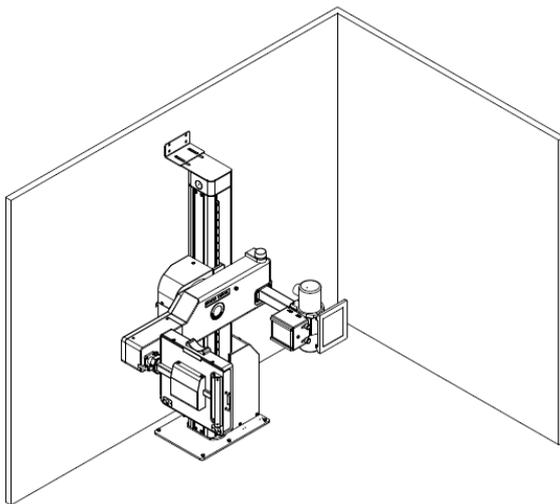
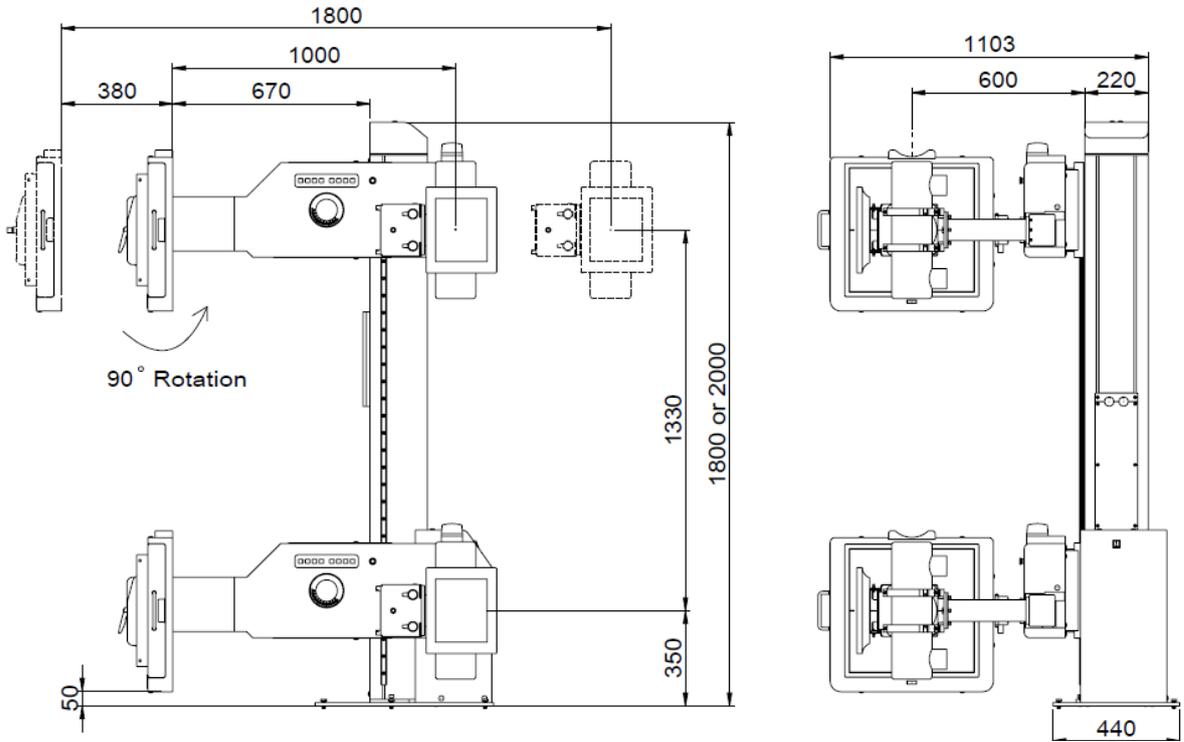
Anode Heat Content 300~ 400 KHU

## III. Dimension





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notes  
l.units: inch / mm