

AspenXDR



ASPEN IMAGING
HEALTHCARE

Wide SID Range

Our XDR system boasts an impressive Source-to-Image-Distance (SID) range, offering remarkable flexibility for various imaging scenarios.



Vertical Travel

Our system's vertical travel functionality ensures that we can seamlessly adjust the X-ray tube's height to match the requirements of various patients and imaging scenarios.

Large Image Receptor

Highlighting the compatibility of our system with the widely used 14" x 17" image receptor size is essential.

Receptor Inclination/Tilt

The ability of our system to accommodate different anatomical angles through receptor inclination/tilt is a valuable asset. This feature allows us to consistently capture accurate images across a spectrum of body parts and examinations.





Multiple Movement Control Options

PHYSICAL BUTTONS, REMOTE CONTROLLER, AND TOUCHSCREEN FOR MOVEMENT

The XDR offers a range of movement control options. Physical buttons on both the main column and the bucky provide direct and precise adjustments, while the remote controller and touchscreen interface grant technicians flexibility and convenience.



Preset Positions

CHEST 40", CHEST 72", AND TABLE

Providing efficient solutions for common scenarios such as chest examinations at 40" and 72" distances, as well as table positioning. This results in consistent and reliable imaging outcomes.

SPECIFICATIONS	
OPERATION REMOTE CONTROL EXAM SPECIFIC PRESETS	MOVEMENT CONTROL IN BUCKY, TOUCH PANEL CONSOLE & REMOTE CONTROL
	DUAL-SPEED MOTORIZED MOVEMENT
	SOURCE TO IMAGE MOVEMENT (SID)
	ARM ELEVATION MOVEMENT
	ROTATION OF ARM
X-RAY TUBE (TOSHIBA E7242X)	125 kV CAPABLE
	FOCAL SPOTS: 0.6 x 1.5
	ANODE HEAT CAPACITY: 200 KHU
COLLIMATOR	LIGHT SOURCE: WHITE LED LIGHT (CAN BE CONTROLLED BY PUSH BUTTON)
	LASER LIGHT FOR PRECISE ALIGNMENT
	BRIGHT RED LASER CROSSHAIRS
	ROTATION: -45°~135°
	MAXIMUM kV: 150
	SHUTTERS: MULTILAYER, 4 PAIRS OF SHUTTERS IN 2 LAYERS
GRID	MATERIALS: CARBON-INTERSPACED WITH CARBON-FIBER
	DIMENSIONS: 185" x 185" / 470 x 470 CM
	RATIO: 10:1
HIGH-FREQUENCY X-RAY GENERATOR	CPI CMP200DR
	UP TO 450 KHz SWITCHING FREQUENCY
	MINI CONSOLE & HAND SWITCH
	DR PORT OPENED FOR SINGLE CONSOLE INTEGRATION TO VIEWWORKS
	125kV, 500MA CAPABLE
	INPUT POWER OPTIONS (PLEASE CONFIRM AT TIME OF ORDER): 1 Φ / 208-230 VAC, 3 Φ / 208-230 VAC, 3 Φ / 400-480 VAC
	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

Standard Configuration Specifications

POWER REQUIREMENTS

4 amps @ 120VAC, 50/60Hz
4 amps @ 200-240VAC, 50/60Hz

SOURCE TO IMAGE

40~72" (continuously adjustable)

ARM ROTATION ANGLE

-30°~120°

MOTORIZED VEHICLE TRAVEL

138" - 66" / 3500 - 1680mm

TOUCH SCREEN

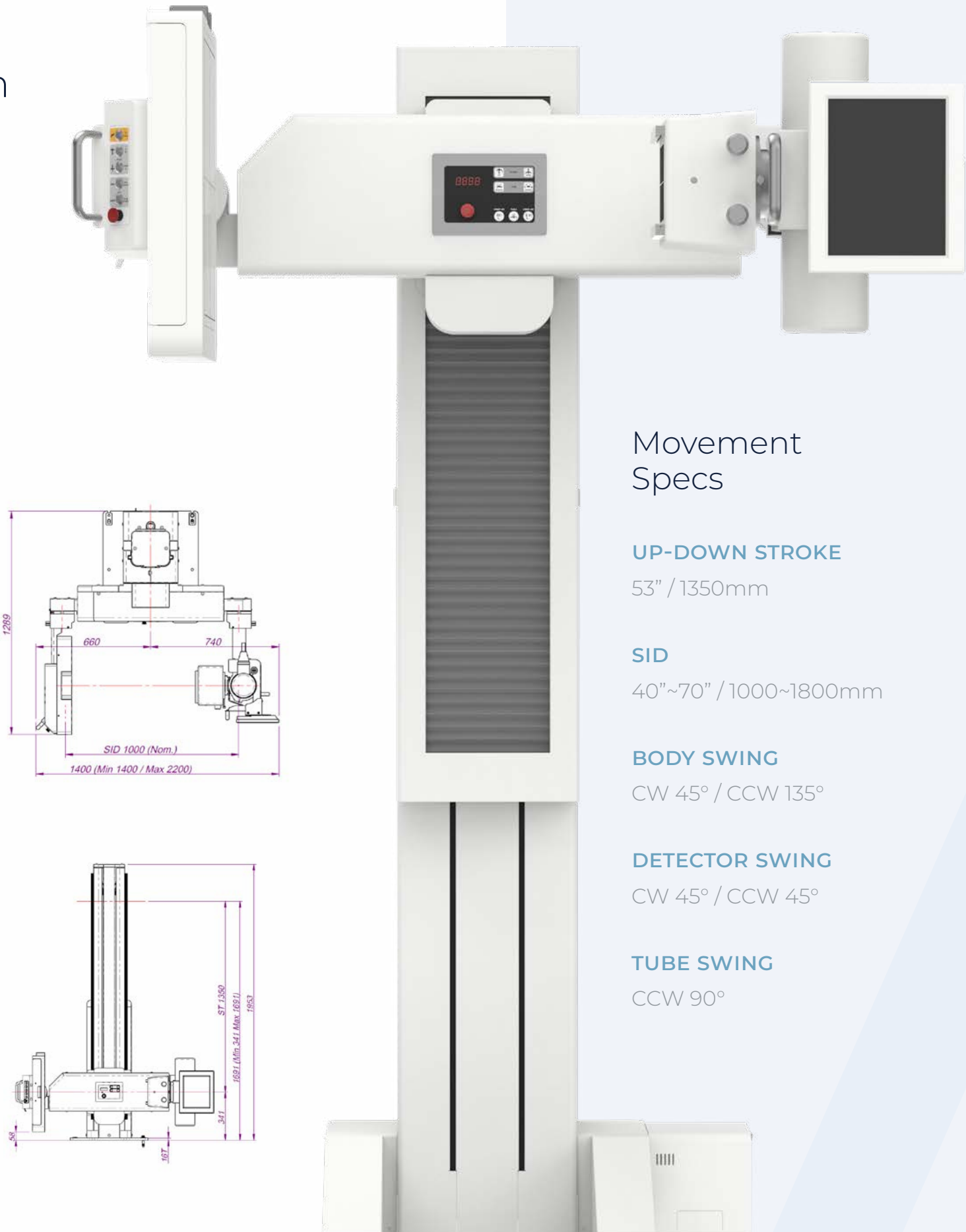
9.5"

DETECTOR TILTING

±45°

DISPLAYING SID AND ANGLE OF ROTATION

3 PRESET POSITIONS



Optional Configurations

TABLE

Dimensions: 77.5" x 29" x 28" /
1970 x 780 x 700 mm

Individual Locking Casters

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

AEC MODEL

Claymount ICX2122B

Number of measuring fields: 3

kV Range: 40 ~ 150 kV Exposure

Time range: 1ms - 5s

Weight: 950g / 2lb

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

ALTERNATIVE X-RAY GENERATORS FROM CPI

Power output: 32~80KW

kVp Step: 40 to 150

mA Step: ~630mA

Time: 1ms~5s (0.1 step)

ALTERNATIVE X-RAY TUBES

Anode High Frequency Rotating Type
(Toshiba E7252X)

Focal Spot(mm) 0.6/1.2mm

Operating voltage 40~150kVp

Anode Heat Content 300 KHU

Movement Specs

UP-DOWN STROKE

53" / 1350mm

SID

40"~70" / 1000~1800mm

BODY SWING

CW 45° / CCW 135°

DETECTOR SWING

CW 45° / CCW 45°

TUBE SWING

CCW 90°



ASPEN IMAGING
HEALTHCARE

801 Jupiter Rd Suite 200, Plano, TX 75074, USA
sales@aspenimaging.com | (+1) 214-257-0113

WWW.ASPEN-IMAGING.COM

DISTRIBUTED BY



About Aspen Imaging

Aspen Imaging Healthcare is a Texas-based Original Equipment Manufacturer (OEM) providing complete imaging solutions for x-ray distributors and custom designed, private-labeled solutions for OEMs across the Americas.

Founded in 2015, Aspen Imaging has become one of the fastest growing Medical Imaging companies with offices in the United States, Mexico and South Korea.

