

MECHANICAL DATASHEET PERFORM-X C100 – C400

MECHANICAL DATA AND MOVEMENT RANGES

Recommended room height:	290cm	<i>(depends on vertical travel of tube stand)</i>
Recommended room size:	5,5m x 4m	<i>(with standard rails)</i>
Ceiling Stand: CS3N		
X-Ray tube vertical travel (CTM):	150 cm	<i>(option: 180 cm and 135 cm)</i>
X-Ray tube vertical movement speed:	15 cm/sec	
Min. X-Ray tube focus to floor distance:	30 cm	<i>(depends on vertical travel and ceiling height)</i>
Max. X-Ray tube focus to floor distance:	180 cm	<i>(depends on vertical travel and ceiling height)</i>
X-Ray tube longitudinal travel:	357 / 343 cm	<i>(option: +140 cm)</i>
X-Ray tube longitudinal rail length	440 cm	<i>(option: +140 cm)</i>
X-Ray tube longitudinal movement speed:	25 cm/sec	
X-ray tube transversal travel:	207 / 203 cm	<i>(option: 287 / 283 cm)</i>
X-Ray tube transversal rail length:	300 cm	<i>(option: 380 cm)</i>
X-Ray tube transversal movement speed:	13 cm/sec	
X-ray tube rotation (around horizontal axis):	120° / -214°	<i>(total: 334°)</i>
X-ray tube rotation (around vertical axis):	+180° / -180°	<i>(total: 360°)</i>
Wall Stand - WS99N		
Height of wall stand	222 cm	<i>(depends on vertical travel of stand)</i>
Wall detector tilt:	90° / -25°	<i>(option)</i>
Wall detector mounting:	Wall & Floor	<i>(option: floor-only)</i>
Wall detector vertical travel:	145 cm (CXB-17)	153 cm (SGC) <i>(option: +20cm)</i>
Wall detector vertical movement speed:	15 cm/sec	
Min wall detector center to floor distance:	38 cm (CXB-17)	30 cm (SGC)
Max wall detector center to floor distance:	183 cm	<i>(option: +20 cm)</i>
Surface cover - beam absorption eq.	0,3 mm AL	
Elevating Table – Phoenix 1 and Phoenix 2		
Table top height:	55-85 cm	<i>(Option: 44-90 cm Phoenix 2)</i>
Table top vertical movement speed:	2,2 cm/sec	
Table top longitudinal size (patient surface):	220 cm	<i>(Option: 185/200/240 cm)</i>
Table top longitudinal travel:	103 cm	<i>(Option: 68/83/123 cm)</i>
Table top transversal size (patient surface):	81 cm	<i>(Option: 90 cm)</i>
Table top transverse travel:	+/- 12,5 cm	<i>(Option: +/- 15 cm)</i>
Table top - image receptor distance:	7 cm	
Table top - beam absorption eq.	0,3 mm AL	
Table weight rating:	350 kg	
Table detector horizontal travel (CXB-17):	55 cm	<i>(Option: 74 cm only Phoenix 2)</i>
Table detector horizontal travel (B-SGC):	61 cm	<i>(Option: 80 cm only Phoenix 2)</i>