



STERNMED[®]



Xenox RAD400

Radiography system



www.sternmed.de



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The Xenox RAD 400 is designed to meet the highest quality standard and ensure the best radiographic performance.

This device is available in both conventional and fully digital configurations.



FEATURES

- Four-way table top for easy patient positioning
- Variable height of the top
- Dedicated tomography configuration
- Ionization chamber(optional)
- Potter Bucky
- Low absorption table-top
- Available in the digital configuration with either single or double detector
- Tomographic capabilities
- Electromagnetic brakes on all the system components

TECHNICAL SPECIFICATIONS

Xenox RAD400 | SternMed radiography system

GENERAL

Power supply	230V 50Hz 5A
Weight of the equipment	434Kg

TABLE

Table top dimensions	220 x 74 cm
Table top travel, longitudinal	+/- 40 cm
Table top travel, lateral	+/- 12 cm
Bucky travel	49 cm
Table top height	73 cm
Table top to film distance	9cm
Suitable cassette sizes	see Bucky
Absorption coefficient	≤ 0,8 mm Al.
Max patient weight	250kg
Potter Bucky	24 V 50Hz 1A or 230 V 50Hz 1A
Grid	48cm x 43.6cm 103 LPI – R10:1 Foc. 100 cm

TOMOGRAPHIC FUNCTION

Layer height	From 0 to 240 mm
Focus film distance	1000 mm

TUBE STAND

Counterbalanced manual vertical movement of X Ray tube with stop by electromagnetic brake.

Transversal movement of tube arm with stop by electromagnetic brake	163 mm (OPTIONAL)
Vertical sliding from ground to X-ray centre	min. 520mm, max. 1950 mm
Tube arm vertical movement (Horizontal X-Ray beam)	Min. 483 mm, Max. 1913 mm
Manual rotation about horizontal axis of tube	+/- 110°
Rotation about vertical axis of tube stand	+/- 180°
Focus – film distance	Min. 1000 mm, max. 1200 mm

Technical features POTTER Bucky

Power supply	24V, 1A
Weight of the equipment	Weight with grid 13.3 Kg Weight with grid and AEC chamber 14.8 Kg
Dimensions in stand by position	639 x h 582 x p 68 mm
Max Dimensions in operative position	1099 x h 582 x p 68 mm
Grid frame movement speed	84 mm/sec.
X –ray preparation and transition time	0.1 sec.
Accepted standard cassettes sizes	13-18cm 15-30cm 18-24cm 24-30cm 30-30cm 20-40cm 35-43cm
Grids (max. thickness 5 mm)	480mm x 436mm 103 LPI – R10.1 Foc. 100 cm

OPTIONAL accessories

3 Fields solid state chambers (max. thickness 5mm)

COLLIMATOR PREDISPOSITION

Max. Weight	9,7 Kg
Check compatibility with X-ray tube	
Lamp's power supply	24V~ with 3 poles cable (2+ grounding)
Models	Please contact us

TUBE PREDISPOSITION

Max. Weight	24 Kg.
Check compatibility with collimator	
Models	Please contact us

REQUIRED ENVIRONMENTAL FEATURES

Temperature (operative)	+ 10°C to + 35°C
Temperature (storage)	– 10°C to + 40°C
Maximum Humidity	20% to 80% without dew
Maximum Altitude for using	3500 meters



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