IBS GROUPE

STERNMED®

Xenox RF1000

Fluoroscopy system

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The Xenox RF1000 is a compact versatile reomte controlled tilting table for radiographic, Angioseriographic and fluoroscopic examinations.

Its versatile and easy operation makes it suitable for all type of examination without any clinical limitations.

FEATURES

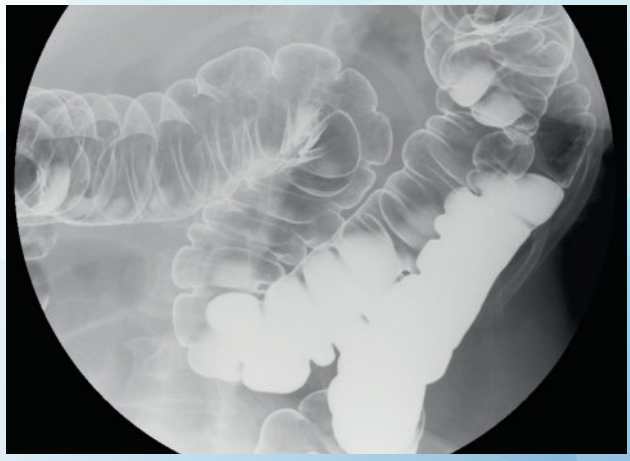
- The longitudinal travel of the column, allows for a complete X-ray examination without the need to reposition the patient.
- The tilting movement has the facility to stop in any position, in addition to automatic stop in the horizontal, vertical and Trendelenburg positions.
- With a vast program for the spot film device, the system allows automatic Tomographies, universal Tomographies in increments from 8° to 40°, and additionally Serioangiographies in any position.
- While the table is tilted, you can also make oblique projections with 30° incidences.
- With all examination you can take a rapid sequence of exposures.
- At the end of the sequence the system will auto eject the film if necessary.
- The table movement allows you to make exa minations on external accessories on both ends.
- All movements are controlled by a micro-processor control, which incorporates a self-diagnostics program.
- Each end stop has a double safety action for additional safety.

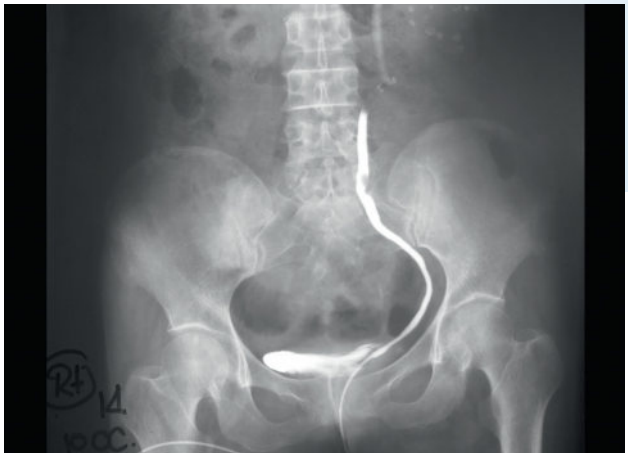
CONTROL CONSOLE

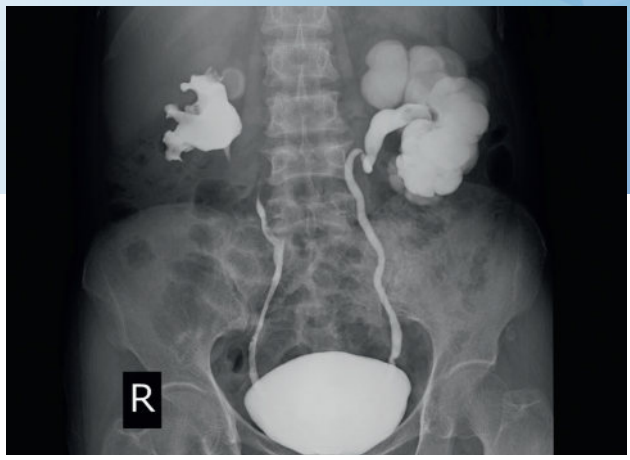
- The control console has an ergonomic design with a touch screen panel.
- The intuitive control panel allows a simple user interfa-ce to operational parameters and control commands supported by a large selection of on display graphics.
- Parameters such as focus film distance, tilting angles, incidence, Tomo layer height with self-increase, executi on time, cassette size with its programs, are also shown on the graphic display.

- Patient weight up to 300 kg
- Tilting table with progressive starting +90°/ -20°
- Tilting speed 4 °/sec
- Lateral movement (max speed 3 cm/sec) ±11.5 cm
- Plane-film distance 7.5 cm
- Film - image-intensifier distance 7.5 cm
- Movement column (max speed 13 cm/sec) 140 cm
- X-ray tube rotation manually ± 90°

EXCELLENT CLINICAL IMAGES







TECHNICAL SPECIFICATIONS
Xenox RF1000 | SternMed Fluoroscopy system

GENERAL	
Power supply	3x230Vac (400V~) 7kVA
(auxiliary mains socket-outlets)	230Vac 1.4kVA 50Hz
Weight of the equipment	950Kg
TABLE	
Max patient weight	max. 300 Kg
Tilting table with progressive starting	±90°
Tilting speed	4 °/sec
Table top	73x240 cm
Absorption coefficient	≤ of 0,8 mm Al.
Lateral movement (Max speed 3 cm/sec)	±11.5 cm
Plane-film distance	7.5 cm
Film – I.I. distance	7.5 cm
Movement column (Max speed 13 cm/sec)	140 cm
X-ray tube ass. rotation manually	± 90°
focus-film distance (Max speed 3 cm/sec)	from 107 cm to 153 cm
Tube angulation	±30°
Motorized compression	70N / 80N / 90N
Angiography	Step by step
Image-Intensifier	9", 12", 14", 16"
TOMOGRAPHIC FUNCTION	
Linear tomographic	plain-plain
Tomographic angles	8°-15°-30°- 40°
Tomographic speeds	4 selectable speeds
Layer height adjustment	from 1 to 300 mm
Fixed SID	11 cm
S.F.D.	
S.F.D. electronic automatic	S.F.D. electronic automatic
Film divisions only in vertical sense division	2/3/4/5/6
Prepared for ionization camera (5 mm max thickness)	for 3 fields
S.F.D. allows rapid series exposures	S.F.D. allows rapid series exposures
Cassettes from both directions	from 18x24 cm to 35x43 cm
Transition time between fluoro and radiography about	1 sec.
Motorized scattered grid	36 x 38 cm
On a single film is possible to have radio and tomo	103 LPI – R10.1 Foc. 80 cm
exposures	On a single film is possible to have radio and tomo exposures
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 to check compatibility
TUBE PREDISPOSITION	
Check compatibility with collimator	
Max. Weight	24 Kg.
Models	please contact us to check compatibility
ENVIRONMENTAL FEATURES	
Temperature (operative)	+ 10°C to + 35°C
Temperature (storage)	– 10°C to + 40°C
Maximum Humidity	35% to 75%
Maximum Altitude for using	3500 meters

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