

MERS

MEDIVET EQUINE RADIOLOGICAL SYSTEM

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A new unique x-ray system, developed to meet the requirements of handling large animal x-ray examinations. The MERS is a result of close development together with end users, where work flow and reliability are set as main priorities. The new functionality of MERS, will give its users accurate and enjoyable work flow they have been waiting for.



FUNCTIONS & FEATURES

- Fully automatic positioning of detector stand in all directions. (up & down, left & right, back & fourth)
- Variable locking of the distance between stands on handle.
- Standard vertical travel of 1750mm on both stands. (optional 2000mm travel)
- X-ray tube tilting of 180 degrees (90 up & down) with adjustable handle position.
- Non-limited 360 degree rotation of x-ray tube.
- Unique mounted x-ray tube makes no object interfere with the view of the patient.
- Handle display presentation of distance to detector and angle of tube tilting.
- 3 programmable preset vertical positions of x-ray stand on handle.
- X-ray control and light indication on x-ray stand.
- Laser indication of preset distance to patient when performing x-ray without detector.
- Allows up to 80 degrees tilting of detector.
- Allows up to 90 degrees turning of detector.
- Allows up to 180 degrees rotation of detector.
- "Panic button" on both stands and wall, releases brakes in case of a stressed animal.
- Built to fit the x-ray room. System size of 4x5m and up.
- Compatible with DR detector (direct radiography).
- Compatible with CR (computed radiography).
- Compatible with analogue film processing.



- *Exposure switch on x-ray stand (depending on country regulations)*
- *The actual exposure is indicated on the stand, with a light indicator.*
- *Built in adjustable laser distance indicator on x-ray stand.*

- MADE FOR EQUINE X-RAY TO ENSURE AN EASY, FAST AND ACCURATE WORK FLOW.
- STANDARD COLUMN VERTICAL TRAVEL OF 1750MM.
- QUIET MOVEMENTS AND LOW-SOUND BRAKING SYSTEM.
- COMPUTERIZED AUTOMATIC POSITIONING SYSTEM.
- COMPUTERIZED CONTROLLED BRAKING SYSTEM.

The adjustable handle let's your work become a joy. Three tilted positions for handling, when working at different vertical levels. Always in control of handle and display information.



THE ULTIMATE CONTROL

- Alpha - angle of x-ray tube tilting shown on display.
 - FFD - distance between x-ray tube and detector shown on display.



- Ergonomic positioned controls for handling the x-ray stand.

- Servo - locks the automatic positioning of the detector stand.
- FFD lock - variable locked distance between stands.
- Pos - 3 automatic vertical positions of x-ray stand.



Fully 180 degree tilting and 360 degree rotation of x-ray tube, with adjustable handle positions. Fulfills all demanding x-ray requirements.



Fully adjustable detector, which allows both tilting and turning in flexible positions

- OPTIONAL LENGTHS OF CARRIAGERAILS AND CEILINGRAILS FOR LARGER ROOMS.
- WELL BALANCED, SMOOTH OPERATION OF ALL MOVEMENTS AND CONTROLS.
- PANIC BUTTONS ON BOTH STANDS TO RELEASE THE BRAKES IN CASE OF A MOVING PATIENT.



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HIGH QUALITY PRODUCT - MADE IN SWEDEN



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