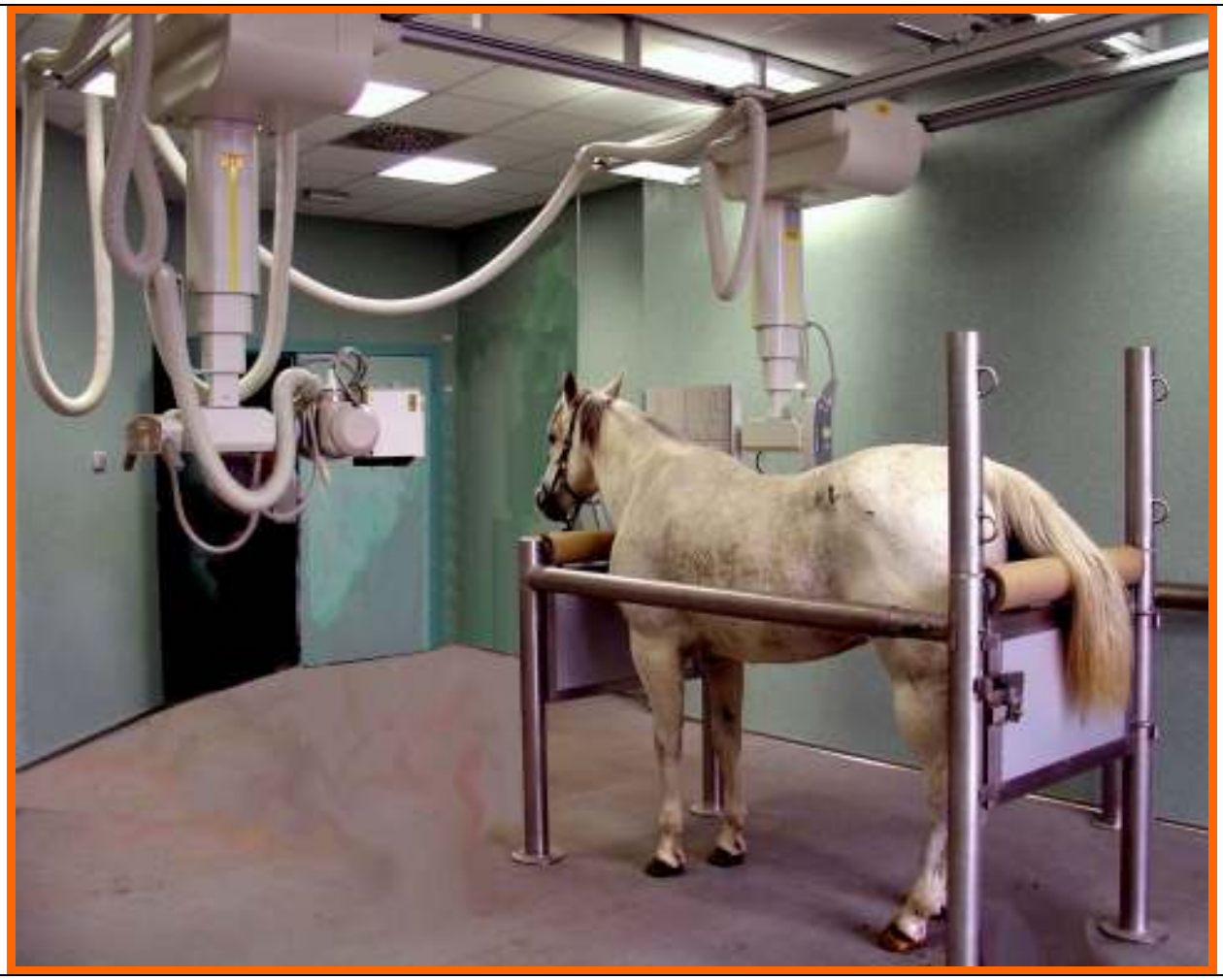
Veterinary System

For X-ray examination of large animals



BASIC CONFIGURATION

- Pair of longitudinal rails of 440 cm of length
- Transversal bridge of 300 cm of length for the master telescope (tube).
- Transversal bridge of 300 cm of length for the slave telescope (cassette holder).
- Master telescope with vertical travel of 180 cm supporting the radiogenic assembly.
- Tube arm of support mobile in horizontal with 320 mm of travel and 700 mm of max distance between the focus and the telescope vertical axis. Manual movement, mechanical lock.
- Slave telescope with vertical travel of 180 cm supporting a standard cassette holder.
- Cassette holder for cassette of 35x43cm max. size complete of fix grid FD 150 cm R12:1 60L/cm and, on request, set to accept the AEC measuring chamber.

Manual movings.

1. Manual vertical extension of the telescopic stands with magnetic brakes.
2. Longitudinal manual moving of the transversal bridges with travel of 275 cm and electromagnetic brakes. The movement could be done independently or contemporarely by means of the electromagnetic clutch.
3. Manual moving of 260 cm of the stands on the transversal bridges with electromagnetic brakes.
4. Manual rotation of 90° of the tube housing in the trunnion.
5. Manual rotation of the tube and of the cassette holder around the horizontal axis with mechanical detents every 90°, stops in any position, magnetic brakes.
6. Manual rotation of the tube and of the cassette holder arms of support around the vertical axis of the telescopes with mechanical detents every 90°, stops in any position, magnetic brakes.
7. 90° of manual rotation of the cassette holder with mechanical locking every 15°.
8. Coupling by electromagnetic device of the two transversal bridges for keeping the alignment source/receptor in the longitudinal movements.

Motorized intentional movings.

9. Motorized intentional vertical movement of the cassette holder.

Enslaved movements.

10. Automatic alignment of the cassette holder to the manual vertical movement of the x-ray source.

Transversal enslaved movement.

Automatic alignment of the stand supporting the cassette holder to the manual transversal movement of the stand supporting the x-ray source.

Controls.

On the control box of both stands there are:

- the single controls for the brakes release of the longitudinal, transversal, vertical moving
- the control that unlocks these brakes at the same time (all brakes release)
- the control that releases the brakes of the rotational movements around the horizontal and vertical axis.
- The push button for the collimator lamp switch on
- The display that shows the FFD in vertical and in lateral and the angles of inclination.

Cassette holder

Cassette holder for cassette of 35x43cm max. size complete of fix grid FD 150 cm R12:1 60L/cm. and, on request, set to accept the AEC measuring chamber.

	
CASSETTE HOLDER	MOBILE ARM OF SUPPORT

ACCESSORIES ON REQUEST

Manual collimator.

Rotating adaptor
Laser indicator with focalization at 150 cm at superimposition of luminous lines
Extensible meter

Manual / motorized Collimator.

Rotating adaptor
Laser indicator at superimposition of luminous lines
Extensible meter
Remote control from the tube stand push button control.

Double step x-ray push button control

with extensible cable

BRAKE RELEASE PUSHBUTTON HANDLEBAR

OPTIONS

Pair of longitudinal rails extensions of 140 cm of length

Longitudinal motorized movement.

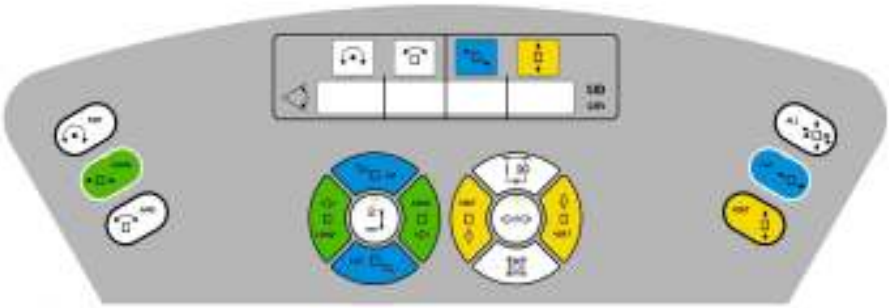
Intentional motorized longitudinal movement of the master stand with dragging of the slave stand when the 2 transversal bridges are interconnected (**max. length of longitudinal rails admitted of 580 cm)**

Transversal bridges extended up to 380 cm of lenght

Without transversal focal distance indication
With transversal focal distance indication

VERTICAL INCIDENCE

LATERAL INCIDENCE



VIEW OF PUSHBUTTON CONTROL (SLAVE SIDE)