

# The ZooMax HF Generators

High Frequency Anatomical Programmed (APR) Generator Console



- ### Features
- The latest in “state of the art” technological design
  - Easy to use with basic knowledge of radiology
  - APR or manual two-factor (kVp–mAs) mode operation
  - 20 or 30 kW output
  - Low power requirements – no additional transformer needed
  - Patient tissue density correction
  - Auto-calibrating program – no special test equipment required
  - Self diagnostics – easy to service with low maintenance
  - Future field upgrades include automatic exposure control (AEC) and CR or DR
  - Conveniently upgrades existing systems
  - All controls are located in the “work area”
    - convenience in positioning the patient, adjusting parameters and taking exposures at one location
  - Wall-mounted, self-contained compact designed generator
    - no floor obstructions – easy access to full work area

Veterinary APR settings are standard with the ZooMax systems.  
The generator can be installed in the table.  
The exposures can be released by a two-step foot or hand switch.



- ### Optional ZXCON2 console with added features
- Separate controls for mAs, mA and time
  - Full control over exposure parameters
  - PREP Ready indicator
  - Bucky control (Table / Wall / Off)
  - Individual AEC field controls
  - Choice of using two different film speeds
  - Up to three different views for each APR program
  - Bucky coupling / SID interlock indication (for future use)

Power	Max. mA	KV range	Power line specs
20 kW	300 mA @ 65 kV 200 mA @ 100 kV	40 – 125 kV	Single-phase 208-240 V, 3-phase 208–240 V, or 3-phase 380–400 V
30 kW	400 mA @ 65 kV 300 mA @ 100 kV		
40 kW	500 mA @ 80 kV 400 mA @ 100 kV	40 – 150 kV	3-phase 208–240 V, or 3-phase 380–400 V
50 kW	600 mA @ 83 kV 500 mA @ 100 kV		
20 kW SE*	200 mA @ 99 kV	40 – 99 kV	230 V 16 A

\*10 mAs max. at 99 kV

The powerful ZooMax HF generators are easy to use with basic knowledge of radiology thanks to preprogrammed APR. Just select one of the 12 APR settings, adjust the thickness and then the generator automatically corrects the exposure parameters. The generator can be installed in the table in order to save space. All controls are located in the work area, which provides the convenient ability to position the patient, adjust parameters and take exposures at one location.

Sophisticated, self-diagnostic capability and descriptive error messages allow for quick troubleshooting.

The manual collimator with light beam and optional laser guided positioning system helps to place the patient quickly in the most accurate position for the x-ray exposure. The powerful rotating anode x-ray tube with dual focal spots and over-heat interlock provide for many years of trouble free operation.



The tabletop extension is easy to attach and can be installed on either side of the table.

## ZooMax<sup>GOLD</sup> Integrated System Specifications:

<b>VSTX-60 Gold Radiographic table, 4-Way top</b>	
Tabletop:	152,4 x 71 cm (60” x 28”), with side rails 152,4 x 76,2 cm (60” x 30”)
Optional tabletop extension:	30 cm (12”)
Height:	81,5 cm (32”)
Footprint (base):	100 x 55 cm (40” x 22”)
Tabletop travel:	cross-table approx. ± 10 cm (±4”), longitudinal ± 35 cm (±14”)
Film-Tabletop distance:	7 cm (2 ¾”)

<b>FTSX-02 Gold Tubestand</b>	
Film-Focus distance:	107 cm (42”) (on cassette tray) 100 cm (40”) (on tabletop)

The integrated ZooMax<sup>GOLD</sup> system is 104 cm (41”) deep when installed as close as possible to the back wall (tabletop in center position).



The heavy-duty grid cabinet, the tray and the 10:1, 103 line grid (alternate grids are available) guarantee excellent exposures.

The manual collimator with light beam and optional laser guided positioning system helps to place the patient quickly in the most accurate position for the x-ray exposure.

The powerful rotating anode x-ray tube with dual focal spots and over-heat interlock provides for many years of trouble free operation. (A wide selection of x-ray tubes fits in the system.)

The ZooMax integrated system is CR or DR compatible and field upgradeable.

## OTHER VETERINARY SYSTEMS IN CONTROL-X Medical's EQUIPMENT LINE:

### • ZooMax<sup>WHITE</sup> System

This system incorporates a four-way floating top table and an integrated tubestand, which offers the flexibility of vertical and longitudinal travel. Automatic coupling device ensures centralized and synchronized movement between x-ray tube and the film cassette. The x-ray tube freely rotates +/- 90° around the horizontal axis, allowing exposures of various angles.

### • ZooMax<sup>RED</sup> System

Elevating four-way float top table providing 30.5 cm (12") of vertical table movement (54.6 cm - 85 cm (21.5"–33.5")) will provide the highest flexibility and simplest patient positioning available with minimal heavy lifting.

Combine with the ceiling mounted tube support, which allows full table access from all sides for maximum patient accessibility without floor obstruction. The tube support travels the length of the table for maximum coverage and range of exposure. This system is ideal for trauma situations when multiple tableside use is required.

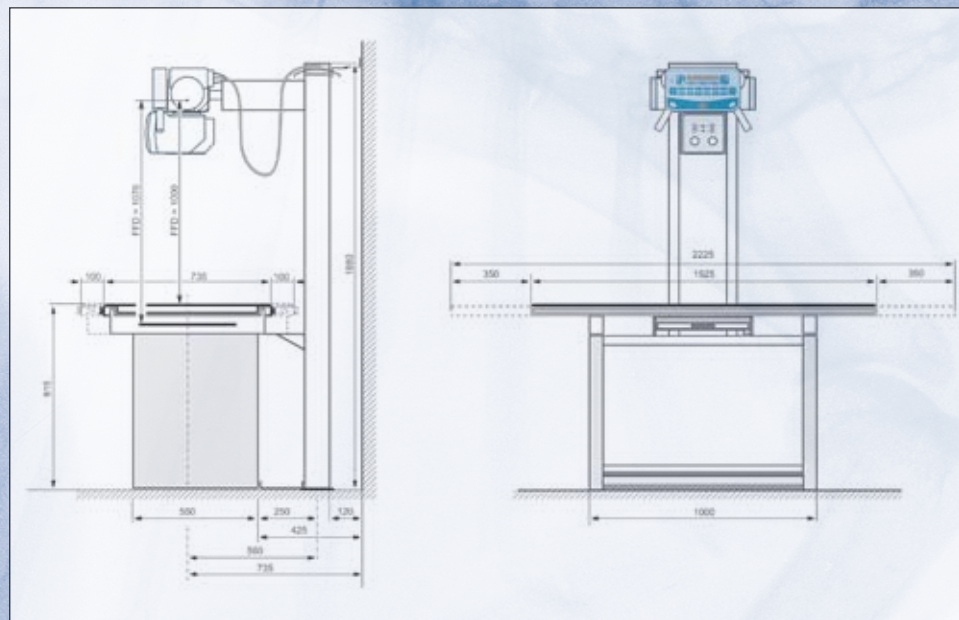
Or combine with the floor mounted tubestand for space saving utilization of the radiographic room while still ensuring great flexibility of use for patient and practitioners comfort.

### • ZooMax<sup>BLUE</sup> Integrated System

Integrated veterinary tubestand with a fixed tabletop radiographic table. This compact system allows for use in the smallest of settings without sacrificing the quality of design or functionality. Ideal for the smaller practice or where space is limited.

## TYPICAL ROOM LAYOUT OF THE ZOOMAX<sup>GOLD</sup> SYSTEM

(Dimensional drawing)



Specifications subject to change without notice

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## Veterinary X-Ray Systems for today and tomorrow

# ZooMax<sup>GOLD</sup>

## Integrated 4-Way System

The ZooMax<sup>GOLD</sup> is one of the most advanced and user-friendly integrated x-ray systems available to the veterinary market today.

The system incorporates a fixed height tubestand with a tube at 100 cm (40") distance from the tabletop combined with a four-way radiographic table.

The built-in grid cabinet with non-oscillating grid and cassette tray is coupled to the tubestand. The tabletop release switch is controlled by a convenient foot pedal, which allows for "hands free" operation. The tabletop side rails provide durable anchors for restraining, which enables proper positioning of the animal during exposures. Optional tabletop extension of 30 cm (12") provides additional working space for examinations of large animals.



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