

The ZooMax HF Generators

High Frequency Anatomical Programmed Generator Console



Features

- The latest in “state of the art” technological design
- Easy to use with basic knowledge of radiology
- Anatomical 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: power increase (AEC) and digital filmless equipment
- 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 anatomical programs are standard with the ZooMax systems. The generator can be installed in the table or can be separately mounted on the wall. The exposures can be released by a two-step foot or handswitch.

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

Integrated Veterinary Radiographic Systems

In our **ZooMax^{RED}** system, the elevating four-way float top table is combined with the ceiling-mounted tube support, which travels the whole length of the table. The system is ideal for trauma situations when multiple tableside use is required. The elevating four-way table will provide for high flexibility, simple patient positioning and minimal heavy lifting. The table top release switch is controlled by convenient foot pedals, which allows for “hands free” operation and placement of the patient. The tabletop side rails serve as durable anchors for restraining, providing placement and subduing of the patient during the procedure.

Thanks to the ceiling tube mount, you will have full access to the animal from any side of the table. In addition, there are no rails or cables on the floor to obstruct access to the table. (The system is also available with a floor-mounted tubestand.)



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. Upon request, ZooMax systems can also be built to house CCD-DR. Please inquire for more details about how ZooMax systems can be modified to fit your diagnostic imaging needs for today and tomorrow.

OTHER VETERINARY SYSTEMS IN CONTROL-X MEDICAL'S EQUIPMENT LINE:

• ZooMax^{WHITE} 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^{BLUE} Integrated System

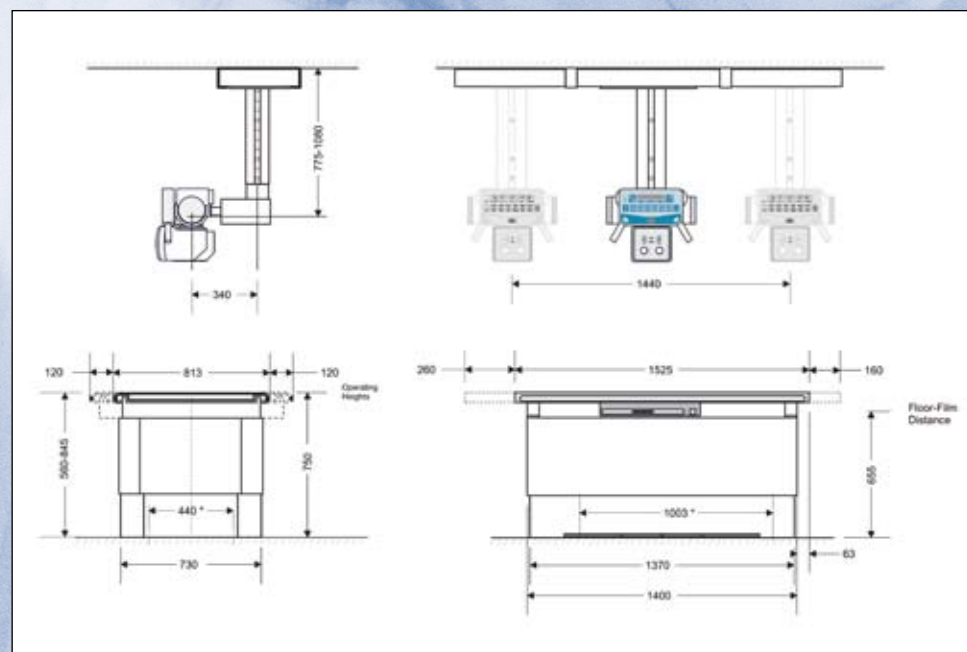
Integrated veterinary tubestand with a fixed tabletop radiographic table. This compact system allows for use in the smallest of settings without sacrificing the quality of design or functionality. Ideal for the smaller practice or where space is limited.

• ZooMax^{GOLD} Integrated System

This "easy-to-use" system incorporates a four-way radiographic table - with tabletop size of 152.4 cm x 71.1 cm (60" x 28"), height 81.5 cm (32") - and a fixed SID tubestand with non-rotating tube centered with the grid cabinet in the table.

TYPICAL ROOM LAYOUT OF THE ZooMax^{RED} SYSTEM

(Dimensional drawing)



Specifications subject to change without notice

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Veterinary X-Ray Systems for today and tomorrow

ZooMax^{RED}

Integrated 4-Way System

The ZooMax^{RED} veterinary radiographic systems are best suited for veterinary hospitals and clinics. The new approach in administering to pets in a hospital environment makes the task easy, effortless and hygienic for both patient and practitioner. The system allows full access to the animal for easy positioning, restraint and exposure control from either side of the table in trauma situations. This new approach revolutionizes the process of caring for animals.



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