

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

ZooMax^{WHITE} Radiographic Systems

The **ZooMax^{WHITE}** System incorporates a **four-way float-ing top table and an integrated tubestand, which offers the flexibility of vertical and lon-gitudinal travel. This allows for very easy and effortless patient positioning. Even large animals can be conveniently positioned for optimal exposures.**

The tabletop release switch controlled by a convenient foot pedal guarantees "hands free" operation and placement of patient before and dur-ing the examination.

Tabletop side rails provide durable anchors for restrain-ing, which ensure the proper positioning and subduing of the patient during the procedure. Optional table extension offers an additional 30 cm working area when larger animals are examined. The x-ray tube freely rotates $\pm 90^\circ$ around the hori-zontal axis, allowing exposures from various angles.

Automatic coupling device ensures centralized and syn-chronized movement between x-ray tube and the film cas-sette along the track of the grid cabinet. Easy disengaging system permits independent movement for both x-ray tube and film cassette holder allow-ing for angulated exposures.



The ZooMax^{WHITE} integrated tubestand and table system with tabletop extension

ZooMax^{WHITE} Integrated System Specifications:

- VSTX 60 Radiographic table, 4-Way top**
Tabletop: 152.4 cm x 71.1 cm (60" x 28"), with side rails 152.4 cm x 76.2 cm (60" x 30")
Height: 81 cm (32")
Footprint (base): 100 cm x 55 cm (40" x 22")
Tabletop travel: cross-table +/- 10.2 cm (+/- 4"), longitudinal +/- 35 cm (+/- 14")
- VTS 02 Tubestand**
Longitudinal travel: 100 cm (39-1/2")
Vertical travel: 72 cm (28-1/2") (optional 152 cm, 60")
Tube rotation: +/- 90°

The integrated ZooMax^{WHITE} system is 104 cm (41") deep when installed as close as possible to the back wall (table top 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. 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^{RED} 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.

You may also include a floor-mounted tubestand for space saving utilization of the radiographic room while still ensuring great flexibility of use for patient and practitioner.

• ZooMax^{BLUE} Integrated System

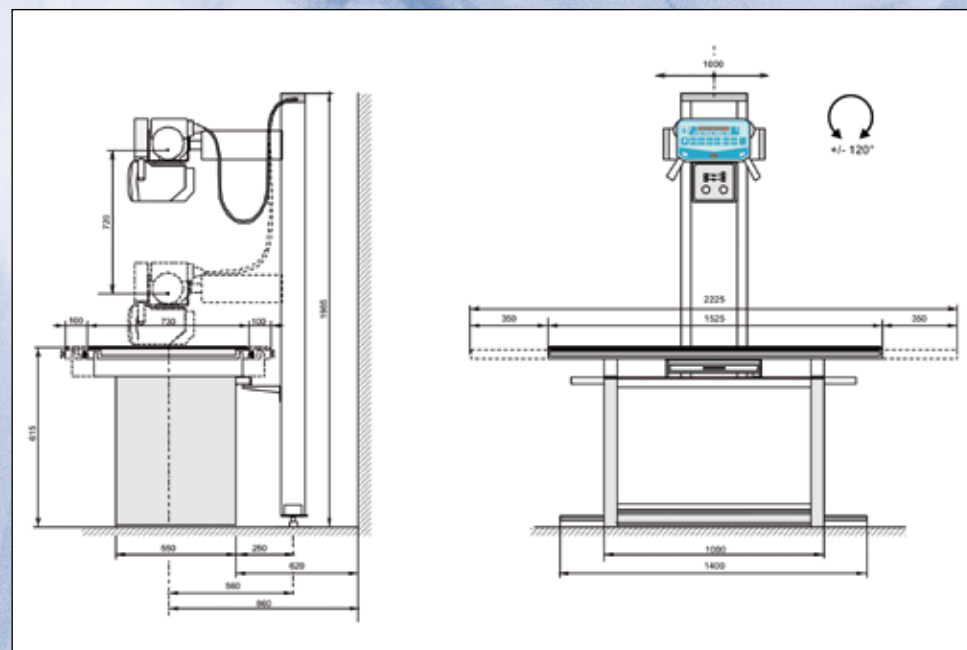
Integrated veterinary tubestand with a fixed tabletop radiographic table. This compact system allows for use in the smallest of settings without sacrificing the quality of design or functionality. Ideal for the smaller practice or where space is limited.

• 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^{WHITE} SYSTEM

(Dimensional drawing)



Specifications subject to change without notice

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Veterinary X-Ray Systems for today and tomorrow

ZooMax^{WHITE}

Integrated 4-Way System

The ZooMax veterinary radiographic systems are an excellent choice for veterinary hospitals and clinics. A variety of product options are available to serve the diverse needs of all veterinary x-ray suites. The integrated system with either fixed or four-way float top table, offers the most cost-effective solution. This provides an easy, effortless and hygienic procedure for both practitioners and patients in a clinical environment.

An optional ceiling suspended tube support with an integrated x-ray control and elevating table are some of the unique new answers as to how veterinary x-ray rooms can be created.



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