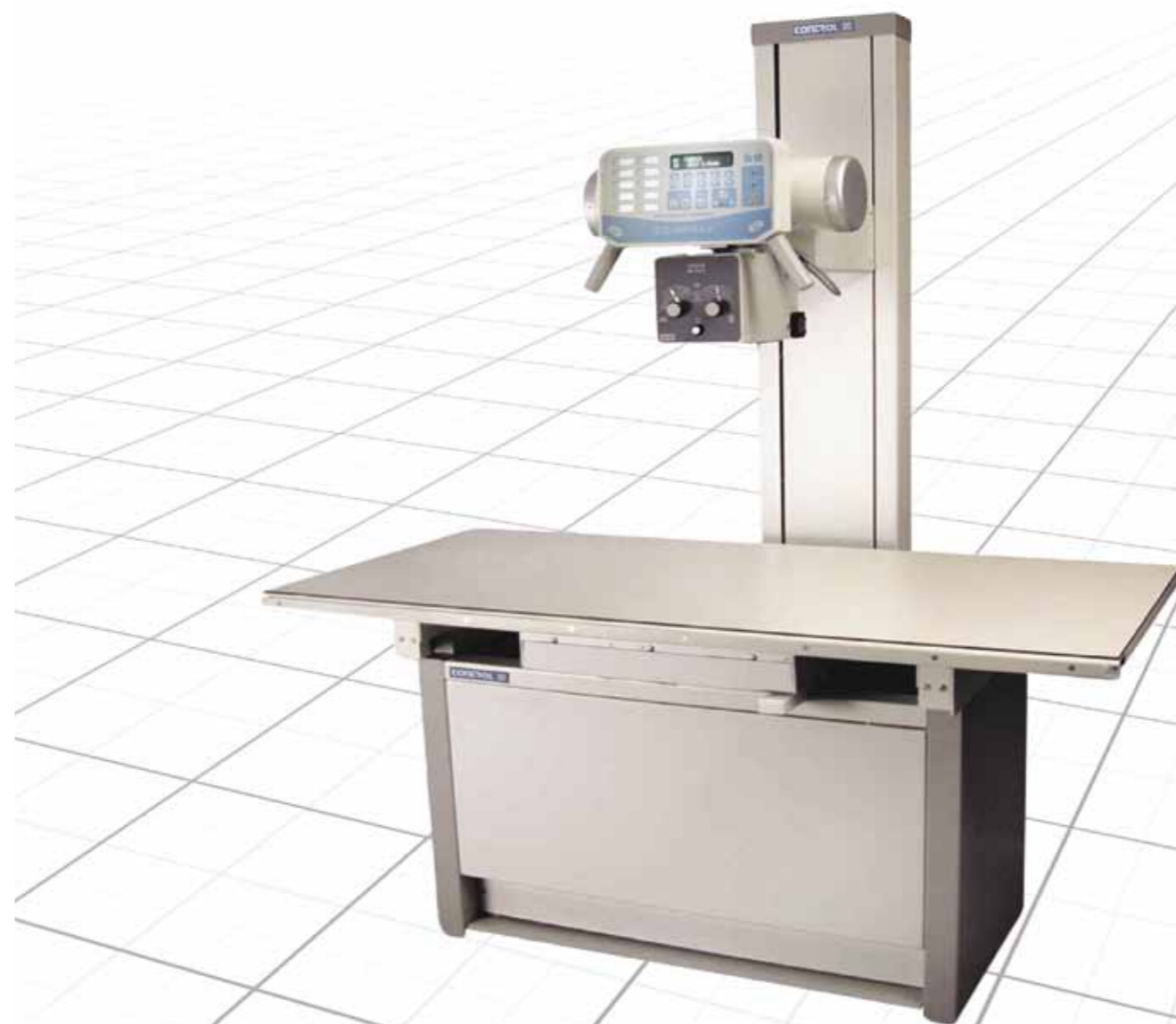


Specification:

ZooMax Elevating table	
Vertical travel	300 mm (550 – 850 mm, table top)
Table top displacement	longitudinal +500/ - 600 mm, cross-table +/- 120 mm
Table top size	1850 x 810 mm (optional 2000 x 810 or 1524 x 810 mm)
Fixed grid	215 LPI (85 Lam/cm) 10:1 ratio
VCTM-02 Ceiling Tube Mount	
Longitudinal travel	approx. 1400 mm
Ceiling height	SID of 100 cm adjustable for ceilings between 2400 – 2950 mm
Tube rotation	over the horizontal axis, +/- 90°
X-ray Generator (MS HF Series)	
Frequency / operation	100 kHz high frequency
Power output	32 / 40 / 50 kW
kV range	40 to 150 kVp, all models
Max. mA @ 80 kV	400 / 500 / 630 mA
mAs range	0.5 to 600 mAs
Exposure time	0.001 to 6 sec
Configuration	Single tube, radiographic mode
Anode rotation	Low speed or optional dual-speed
Dose area product recording	Available (manual entry or automatically through serial interface)
X-ray tube	
Default x-ray tube	0.6 – 1.5 mm focus, 200 kHU, 17/46 kW, 14° target, RTM Other tubes (0.3-1.0 mm, 0.6 – 1.2 mm available)
High voltage cables	please specify ceiling height and configuration for best fit
Beam Limiting Device	manual collimator with light beam, 40 – 150 kV, swivel mount
Flat panel Detector	
Choice of technology	CsI or Gd ₂ O ₂ S scintillator, Selenium / Amorphous silicon substrate
Pixel pitch	139 to 143 um *
Active detector area	Approx. 430 x 430 mm (17" x 17") *
Theoretical spatial resolution	Approx. 3.6 lp/mm
DQE @ 1 lp/mm resolution	Up to 0.6 *
MTF @ 1 lp/mm resolution	Up to 0.6 *
Energy range	40 to 150 kVp
Acquisition Workstation	
Connectivity	DICOM 3.0 compatible
Generator control integration	Included
Standard modules	Diagnostic viewer, work list query, DICOM print, emergency patient workflow, customizable processing profiles, local image storage
Optional modules	Additional viewing stations, DICOM send, Patient CD, PACS server and more
Hardware	Dual core or better processor, 2GB RAM, 500GB or more hard disk storage, optical drive, all-in-one 19" touch screen operation
Optional hardware	Uninterrupted power supply Extra HDD storage and memory Medical grade diagnostic monitor
Certification	CE certified

Control-X Medical Inc.

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ZooMax Digital Digital Veterinary Radiographic System

- No chemicals, no films
- Instant digital image after exposure
- Large, 43 x 43 cm digital image receptor
- 4-way float table with integrated tube stand
- High throughput hassle-free procedures
- Small footprint
- Generator fits under the table



ZooMax DIGI veterinary systems

Are the ultimate choice for veterinary hospitals and clinics. Instant images, immediate retakes if necessary, no hassles with film processing and chemicals, just to name a few critical advantages of the state-of-the-art digital technology used in the ZooMax digital line. This equipment line is available with a variety of product options to cover the diverse needs of all veterinary suites, in a major hospital, or smaller clinic. The integrated systems with either fixed or adjustable x-ray source, variable or fixed SID, traveling or fixed tube stand, fixed or four-way float tops offer a solution for nearly all requests.

The ZooMax Integrated Workstation

High frequency generators, powered from single-phase or three-phase power line. All stored energy (SE) versions work from household receptacles (16 Amp max.). The ZooMax generators are controlled via the APEX Workstation (TS Monitor)

Choice of generators:

Power	Max. mA	kV range	Power line specs*
32 kW**	320 mA @ 100 kV 400 mA @ 80 kV	40 – 150 kV	Single phase 208-240 V 3# 208-240 or 380-415 V Single phase 208-240 V 3# 208-240 or 380-415 V 3# 208-240V or 380-415 V
40 kW**	400 mA @ 100 kV 500 mA @ 80 kV	40 – 150 kV	
50 kW**	500 mA @ 100 kV 630 mA @ 80 kV	40 – 150 kV	

* Line and electrical requirements shall be specified when generator is ordered
** Generators are available in "SE" version, for max. 150 or 250 mAs exposures

Features

Generator functions integration in a viewer station



- The latest in "state of the art" technological design
- Easy to use with basic knowledge of radiology
- Automatic or manual two-factor (kVp-mAs) mode operation
- 32, 40 or 50kW output
- Low power requirements – no additional transformer needed
- Auto-calibration program – no special test equipment required
- Self diagnostics – easy to service with low maintenance
- Conveniently upgrades existing systems

- Instant preview on workstation
- Work list query
- Customizable processing profile
- Dicom 3.0 compatible
- Additional viewing stations



ZooMax DIGI White System Features:

- 4-Way float table with integrated tube stand
- Flexibility of variable focus-detector distance
- Longitudinal travel alongside the table
- Rotating x-ray tube around the horizontal axis
- Automatic coupling device
- Easy disengaging for angulated exposures
- Table top release controlled by a convenient foot pedal
- Table top extension for large patients

* the system shown with optional stand alone generator options



ZooMax DIGI GOLD System Features:

- 4-Way float table with integrated tube stand
- Fixed focus – detector distance
- Table top release by a convenient foot pedal
- Table top extension for large patients
- Easy and quick installation
- Typically no lead-shielding needed

