

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 work flow, 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

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ZooMax DIGI HILO Digital Veterinary Radiographic System

- Instant digital image after exposure
- No chemicals, no films
- Ceiling tube stand, adjustable ceiling – focus distance
- 4-way float elevating table
- High throughput hassle-free procedures
- Clean working area all around the table

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
40 kW**	400 mA @ 100 kV 500 mA @ 80 kV	40 – 150 kV	Single phase 208-240 V 3# 208-240 or 380-415 V
50 kW**	500 mA @ 100 kV 630 mA @ 80 kV	40 – 150 kV	3# 208-240V or 380-415 V

* 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



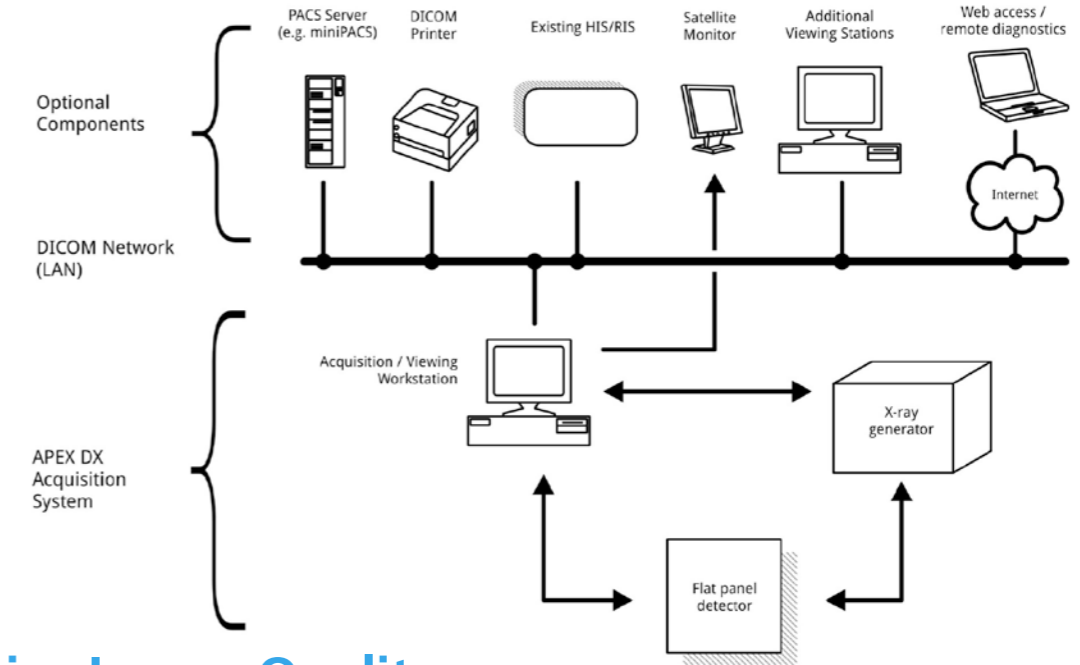
- The latest in "state of the art" technological design
- Easy to use with basic knowledge of radiology
- Automatic or manual two-factor (kVp-mAs) mode operation
- 32, 40 or 50kW output
- Low power requirements – no additional transformer needed
- Auto-calibration program – no special test equipment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



Connectivity (ZooMax DIGI)

The ZooMax DIGI system connects to all of today's standard DICOM and HL7 networks. Take advantage of interfacing to existing HIS/RIS and PACS systems. Optional modules include additional viewing stations for consultation rooms or doctor's offices, a PACS server with basic PACS functionality and more.



Superior Image Quality

The ZooMax DIGI Radiographic Systems come with the **APEX acquisition software package** including the advanced decomposes® DX-R software, which acquires, processes, communicates and archives your images. Operators will appreciate the short exposure times and the ability to view images almost instantly. X-rays can simply be copied onto a CD or sent as email attachments for added convenience.



The **APEX DX Acquisition Software** includes everything one would expect from today's DX modality. All the benefits of DR are now available with **APEX** - an affordable digital imaging solution with state-of-the-art single flat-panel DR technology.

