



## Standard Vet *Revolutionizing a new gold standard*

32kW High Frequency Compact Generator • Anatomical Programming (APR) • Variable Focal Distance Rotor Brake • 4 Way Float Top Table • Heavy Gauge Steel Construction • Moveable Grid Cabinet

### High Frequency X-ray Generator

400 mA  
125 kVp  
500mAs  
Serial interface control  
Push button console with APR window  
Anatomical Programmed Radiography (APR)  
208/220/240 VAC Single Phase Power  
Exposure Foot pedal

### Variable Tube Stand and Table

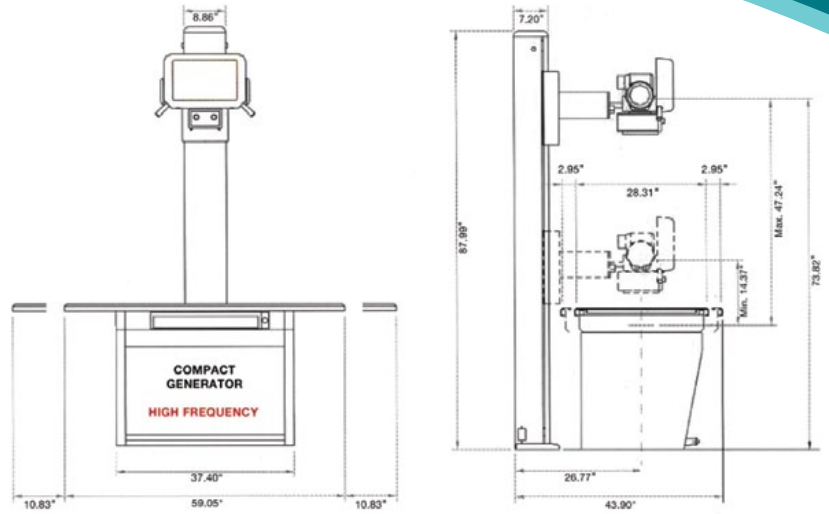
Variable SID for table top and cassette tray  
Tube stand longitudinal motion stationary  
Rotating tube head and collimator  
5 foot long 4 way float top table  
Foot treadle to operate table locks  
Hands free collimator light control  
Manual Collimator with light switch  
Grid Cabinet with 8:1 103LP Grid  
Stainless steel cassette tray

### X-ray Tube – Rotating Anode

1.0/2.0 Focal Spots  
16° Target Angle  
140,000 HU  
6 meter HV cables

### Optional Features

Fractional Focal Spot X-ray tube  
Non-certified medical collimator  
3 phase and battery powered generators



Vet Ray Standard Vet X-ray System Dimensions

### Recommended X-ray Room Specifications

Room size: 8' x 10' (it will work in a smaller room)

Shielding requirements for X-ray room: Check with the local building code or State Physicist for specific requirements.

Ceiling height: 7 feet 4 inches

### X-ray System Power Requirements

The Standard Vet system is powered by a High Frequency X-ray Generator. There are certain requirements that must be met in order for the system to operate correctly. These requirements are dependant on these three factors:

1. Incoming power to the x-ray room for the x-ray generator
2. Distance from the main power in the building to the x-ray room
3. Amperage of the disconnect panel or electrical breaker box in the x-ray room

The standard generator that is with the S1SV-32 model is a 32kW, single phase 208/230/240 VAC generator. The requirements for this x-ray generator are:

1. Single phase power line must not be lower than 208 VAC (if it is, the power should be increased with a boost transformer)
2. The size of wire that is running from the building main power panel to the X-ray room must meet the following criteria:
  - Distance is from 1 to 50 feet wire size no less than size 2 AWG copper wire
  - Distance is from 50 to 100 feet wire size no less than size 1/0 AWG copper wire
 For distances over 100 feet, a three phase 208 VAC generator should be ordered and three phase power should be installed.
3. The physical Disconnect in the x-ray room should be on a minimum of a 80AMP service.

There are many choices in x-ray generators, so please consult with your representative.

This system is covered by a 5 year parts warranty except for the x-ray tube which is covered by a 12 month warranty from date of installation.

For more information:

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