Premium Vet  *The premium choice in veterinary specific x-ray.*

High Frequency Compact Generator  •  Anatomical Programming (APR)  •  Variable Focal Distance
Moveable Grid Cabinet  •  4 Way Float Top Table  •  Heavy Gauge Steel Construction
Rotor Brake  •  Capable of off table exposures  •  Horizontal Beam Imaging

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
- Tube stand independent of table
- 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
- Longitudinal movement of tube stand
- Wall cassette holder for off table exams

X-ray Tube – Rotating Anode
- 1.0/2.0 Focal Spots
- 16° Target Angle
- 140,000 HU
- 6 meter HV cables

Optional Features
- 6 foot Table Top
- Fractional Focal Spot X-ray tube
- Non-certified medical collimator
- 3 phase and battery powered generators

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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 Premium 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 S1PV-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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