

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





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:

- 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
- 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.

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.





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