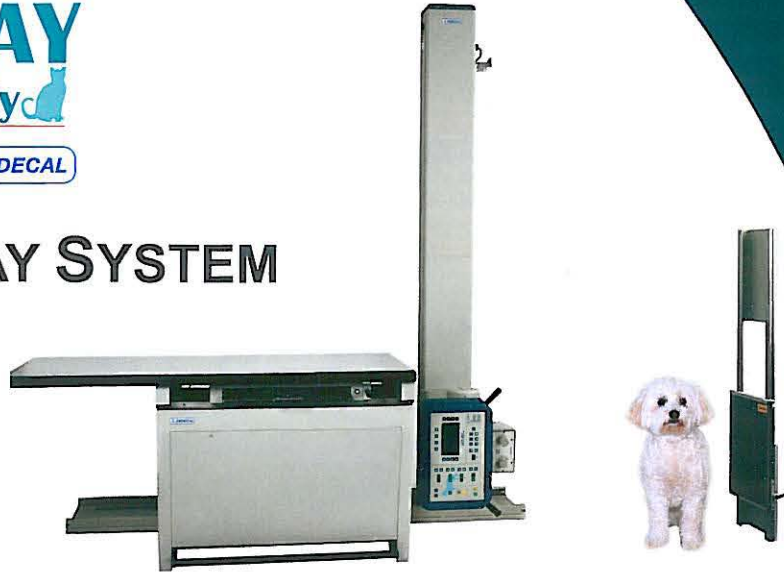




PREMIUM VET X-RAY SYSTEM

MODEL: S1PV-32



System Description

High Frequency Compact Generator
 Variable Focal Distance
 4 Way Float Top Table
 Moveable Grid Cabinet
 Horizontal Beam Imaging

Anatomical Programming (APR)
 Rotor Brake
 Heavy Gauge Steel Construction
 Capable of off table exposures

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

Warranty:

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.

PREMIUM VET X-RAY SYSTEM

Recommended X-ray Room Specifications

Room size: 8' x 12' (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:

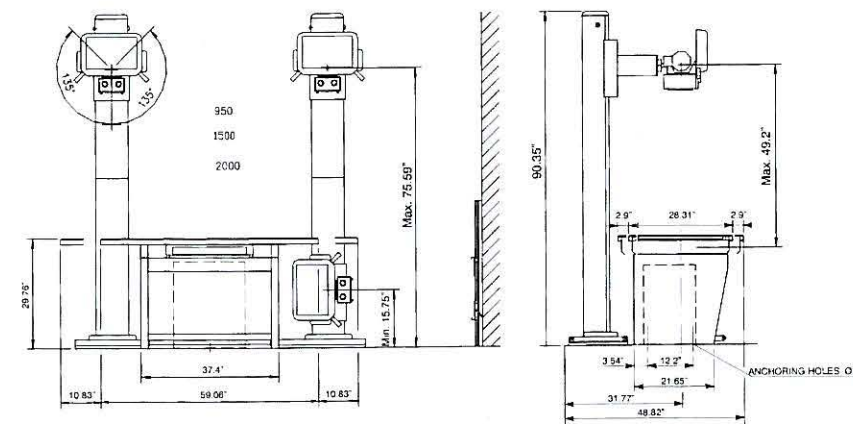
1. Incoming power to the x-ray room for the x-ray generator
2. Distance from the main power in the building to the x-ray room
3. Amperage of the disconnect panel or electrical breaker box in the x-ray room

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)
 - Distance is from 1 to 50 feet wire size no less than size 4 AWG
 - Distance is from 50 to 100 feet wire size no less than size 2 AWG.
 For distances over 100 feet, a three phase 208 VAC generator should be ordered and three phase power should be installed.
2. The size of wire that is running from the building main power panel to the X-ray room must meet the following criteria:
3. Power disconnect in the x-ray room. This should be no less than a 70 AMP breaker but a 100 AMP breaker is recommended.

There are many choices in x-ray generators so if you have specific questions please ask your sales rep.

PREMIUM VET X-ray System Dimensions



(866) 381-4079
 3029 East Randol Mill Road
 Arlington, TX 76011
www.allstarxray.com