



# ES-RXP

Portable and High Frequency veterinary x-ray machine



IMAGING SYSTEMS



## **TECHNICAL PERFORMANCE**

- Integrated with high frequency and high voltage generator, main control system, intelligent computer system, numeric display and beam limited device,
- it is designed and manufactured precisely and compactly, more flexibly and widely used; Using the technique of inverse converter for HF and computer-controlled closed-loop adjusting System, stable high voltage output is generated and high-quality images can be obtained;
- Using the buttons of KV and mAs to adjust the photographic parameters, display them on high-brightness LEDs, interlock protection conditions is determined by software, which is convenient for doctors to operate;
- X-ray Tube is placed in lead cylinder which can effectively shield the gamma leakage and protect environment and operators' safety;
- 20 radiographic conditions are preset and can be customized according to user requirements.
- Manually controlled, controls remotely the double control photography function
- Photographic time by microcomputer accuracy control, photographic conclusion aft engine automatic time delay 30S, but the active control photography gap, avoids overloading the use, realizes the automatic protection
- Uses the microcomputer to monitor each kind of breakdown source, once breaks down, microcomputer cut-off all outputs, and demonstrate the breakdown code, the recognition breakdown reason.
- With more suitable animal hospital bed sets
- The X-ray machine is hanging on the support then the rapid development throws according to .
- The X-ray machine fuselages hangs on the support may control  $\geq \pm 90^\circ$  revolving, the X-ray shoe may make  $90^\circ$  the turn over, is advantageous for the different angle to throw illuminates. the arm support may reciprocate that follow-up balanced and has locks installs.
- X-ray machine fuselage 18.6Kg, carries the transportation to be more convenient. Support 23Kg, the different place migration is more flexible, but moves to after rapidly is injured the animal development to diagnose and treat the supports may disassemble rapidly fold, puts in the car reserve theater box, makes a house call more convenient
- Is suitable in each kind of size cartridge.



## **Main specifications and parameters**

- Max. photograph tube voltage: 100kV/24mA
- Max. photograph tube current: 60mA
- Max. Output: 2.4kW
- Exposure time: 0.008s~3.33s
- MAS scope: 0.5mAs~160mAs with 46 alternations
- Voltage scope: 40~100kV KV with 31 alternations
- Main frequency: 30kHz
- Focus size: 1.5mm
- Power: 220V plus-minus 10% single phase alternating current with the frequency of 50Hz plus-minus 1Hz
- The turn over demonstrated: Yes
- Display mode: 8 LED numerical code demonstration
- Electricity protection type: Class I, Type B
- Weight: 18.6kg
- Transport trolley



### ***The machine application:***

- *Animal hospital*
- *Equestrian club*
- *Animal quarantine*
- *Animal and veterinary*
- *Animal laboratory*

