

POSKOM AirRay-20

Battery Powered Portable X-Ray Unit

The lightest battery operated generator on the market that is easy to maneuver and comfortable to use. This x-ray system is suitable for use on imaging horse limbs, stifles, necks and more.



- **Long-Lasting:** Approx. 100-120 exposures per full charge.
- **Lightweight:** only 11.9 lbs. and is centrally balanced so it is very easy to maneuver and hold still.
- **Powerful:** 1.6 kW output, 90 kV/20 mA so suitable to use for horse limbs, stifles, necks and head shots.
- **Fast Re-charge:** 1.5 - 2 hours for full charge of Lithium-ion Polymer batteries
- **Easy Charge:** No need to remove battery to charge it.
- **High-Frequency:** High quality image production.
- **Accurate:** Adjustable Collimator Light and Laser for Film Focal Distance activated by hand switch.
- **10 APR settings:** Pre-programmed settings for anatomical locations.
- **LCD Display:** On top and rear of unit.
- **Multiple Switches:** Includes both a Remote-control switch and a corded hand switch to shoot exposures.
- **Easy Communication:** USB-A port for Bluetooth communication.

ABOUT

Diagnostic Imaging Systems

Diagnostic Imaging Systems (DIS) has been providing quality imaging products at the best possible possible prices since 1983. DIS products are specifically tailored to match all your practice needs.



**DIAGNOSTIC
IMAGING SYSTEMS**

QUALITY | INTEGRITY | VALUE...privately owned since 1983

www.vetxray.com

Contact us:

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2325 E. Saint Charles St.
Rapid City, SD 57703



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Specifications

Input Power	Equipment Power Supply	DC9V±0.1V / 1.67A		
	Charger Power Supply	100~240VAC, 50/60Hz		
Output Power	Max Output	1.6kW		
	Max kV/ mA	90kV / 20mA		
Battery		Lithium Polymer 3.7V 5000mAh		
Radiography kV Range in 1kV steps	Tube Voltage	Tube Current	mAs	
	50KV ~ 80kV	20mA	0.4 ~ 3.2	
	50KV ~ 80kV	10mA	3.6 ~ 20	
	71KV ~ 80kV	10mA	3.6 ~ 16	
	81KV ~ 90kV	15mA	0.4 ~ 3.2	
	81KV ~ 90kV	8mA	3.6 ~ 16	
MAs Range		0.4 ~ 20mAs in 25steps		
Max. kV Deviation		±7 %		
Max. mAs Deviation		±(7% + 0.2mAs)		
Display		kV / mAs : 7-segment LED, LCD Display		
X-ray Tube	Model Name	OX/70-1.0 (C.E.I)		
	Focal Spot	1.0mmx1.0mm		
	Target Angle	16 degree		
	Anode Heat Storage	7 kJ		
Total Filtration		Min. 3.0 mm Al		
Collimator with Laser Pointer	Min. X ray Field Size	≤ 5x5cm @ 100cm SID		
	Max X ray Field Size	≤ 47x47cm @ 100cm SID		
	Timer	5 ~ 30 sec (5 sec step)		
	Lamp	3.3V LED Lamp		
Weight		11.9 lbs		



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