

# ULTRA 12040Hf

## Mixed Animal Portable X-Ray Unit

Introducing the advanced Ultra 12040Hf Portable X-Ray Generator. The most powerful, lightweight, high-frequency compact sized portable on the market. Designed for both small and large animals in the clinic or in the field, it produces 40 to 120 kV and up to 40 mA.



### ULTRA Powerful

Powerful 120kV / 40mA output for small or large animal x-rays in the office or field.



### ULTRA Fast

Routine radiographs in less than .05 seconds.



### ULTRA Accurate

Dual laser pointers for precise alignment, saving time, and eliminating uncertainty.

### 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](http://www.vetxray.com)



Contact us:

605.341.2433  
scott@vetxray.com  
2325 E. Saint Charles St.  
Rapid City, SD 57703

# ULTRA 12040Hf



Carrying Case



## Specifications

Max Output Power		2.8kW		
Input Power	Voltage	200V-240V		
	Phase & Frequency	Single / 50/60 Hz		
Radiography kV Range in 1kV steps (40KV ~ 120KV)		Tube Voltage	Tube Current	mAs
		40KV ~ 60KV	40mA	0.4 ~ 100
		61KV ~ 70KV	30mA	0.4 ~ 64
		61KV ~ 70KV	25mA	80 ~ 100
		71KV ~ 80KV	35mA	0.4 ~ 10
		71KV ~ 80KV	30mA	13 ~ 32
		71KV ~ 80KV	25mA	40 ~ 80
		81KV ~ 90KV	30mA	0.4 ~ 10
		81KV ~ 90KV	25mA	13 ~ 40
		81KV ~ 90KV	20mA	50 ~ 80
		91KV ~ 100KV	25mA	0.4 ~ 13
		91KV ~ 100KV	20mA	16 ~ 50
		91KV ~ 100KV	16mA	64 ~ 80
		101KV ~ 110KV	18mA	0.4 ~ 32
		101KV ~ 110KV	16mA	40 ~ 64
		111KV ~ 120KV	16mA	0.4 ~ 20
		111KV ~ 120KV	14mA	25 ~ 50
MAS Range		0.4mAs to 100mAs, 25steps		
Max. kV Deviation		±3 %		
Max. mAs Deviation		±5 %		
Display		KV / mAs: 7-segment LED		
X ray Tube	Model Name	D-125 (Toshiba)		
	Focal Spot	1.2mm x 1.2mm		
	Target Angle	16 degree		
	Anode Heat Storage	50 KHU		
Total Filtration		Tube:0.8mmAl / collimator: 0.5mmAl / filter:2.0mm Al 3.3 mm Al eq. @ 75kV		
Collimator with Laser Pointer	Min. X ray Field Size	0cm x 0cm @75cm SID		
	Max X ray Field Size	40cm x 40cm @ 75cm SID		
	Timer	Push button illuminator with 30 sec timer		
	LED Lamp	LED 3.0V, 3A, 10 W		
Weight		29 lbs		



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