

DIGITAL VET DX

NEW
17" x 17"
FIELD SIZE



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VET RAY
Technology
by  SEDECAL

DIGITAL VET DX

System Specifications

High Frequency X-ray Generator

CONSTANT POTENTIAL POWER RATINGS	40 Kw
kVp range in 1 kV steps	40 to 125
mA STATIONS	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500
EXPOSURE TIME range	0.001 - 10 seconds
mAs range	0.1 - 500 mAs
DEDICATED ANATOMICAL PROGRAM (APR) FOR VETERINARIANS	STANDARD
X-RAY TUBE - ROTATING ANODE: (2,850 r.p.m.) (50 Hz) / (3,420 r.p.m.) (60 Hz)	FOCAL SPOTS: 0.3 / 1.0 mm
LINE VOLTAGE and phases	208 - 240 VAC (single / three phase) 400 - 480 VAC (three phase)
* FOR LOCATIONS WITH ONLY 110v POWER	50 - 60 Hz
FOCAL DISTANCE range	Source-Detector: 1000 mm (39.37")
BASIC VET (FIXED FOCAL DISTANCE)	Source-Detector: 100 - 1250 mm (3.94-49.21")
STANDARD VET (VARIABLE FOCAL DISTANCE)	Source-Detector: 100 - 1250 mm (3.94-49.21")
PREMIUM VET System	Source-Floor: 400 - 1920 mm (15.75-75.59")
MECHANICAL MOVEMENT POSITIONING	MANUAL with ELECTROMAGNETIC BRAKES
TOTAL WEIGHT (X-ray Generator included)	Premium: 468 kg (1,032 lb) / System V1: 370 kg (816 lb) / System F1: 230 kg (507 lb)
2 m (6 FT) TABLE TOP / WALL MOUNTING PEDESTAL CONSOLE	OPTIONAL
* BATTERY POWERED OR CAPACITOR ASSIST GENERATORS ARE ALSO AVAILABLE	

Detector Specifications

DIGITAL DETECTOR Type	High Density CCD Camera
DETECTOR SIZE	Large Field Detector 43 x 43 cm (17" x 17")
HIGH RESOLUTION DETECTOR	9 Million Pixels - 144 microns pixel pitch
IMAGE MATRIX	3,096 x 3,096
PIXEL SIZE	12 microns
DYNAMIC RANGE	65,563 Levels Grayscale (16 bit)
IMAGE SPATIAL RESOLUTION	3.4 µl/mm
SENSITIVITY	250 ISO
GRID	70 lines/cm; R- 13:1; Focalized to 1meter

