

SA100+HF

MINXRAY[®]

High Frequency Radiology System
For Small or Mixed Animal Practice



Big dog? No problem.



Horse skull in the field?
No problem either!



Compact and versatile system to meet a wide range of imaging needs

MinXray's unique **SA100+HF** system provides high functionality for in-clinic and ambulatory small and large animal imaging. This system offers powerful, state-of-the-art x-ray technology packaged with an easy to use space-saving table.

SA100+HF

- requires just 10 square feet of floor space
- includes the **XRT300** table with cassette tray and 6:1 ratio, 103 lpi stationary grid
- installs easily and operates on incoming voltage of 110 - 240 VAC 50/60 Hz
- provides easy mounting and removal of portable x-ray device
- is fully supported by MinXray's superior 5-year limited warranty
- is backed by an unequalled loaner program providing the end user with years of worry free ownership

High Frequency Design

MinXray's full-wave rectified high frequency units are the most efficient portable x-ray generators in the world. Conventional units (self rectified, line frequency) are only about one-third as efficient as these technologically advanced units. Therefore, considerably more radiation output per pound of system weight is available from the MinXray HF designs. As an added benefit, the output of these units is independent of line voltage variations... a very important feature for field use.

Specifications



SA100+HF comes with stationary grid.



Optional, heavy duty carrying case is available to transport the HF100+.

HF100+ ultra light

≡ 40 mA ≡

≡ 35 mA ≡

≡ 30 mA ≡

≡ 25 mA ≡

≡ 20 mA ≡



Electronic design	Computer-controlled, high frequency, full-wave rectified
Output	40 mA @ 40 - 50 kVDC, 35 mA @ 52 - 60 kVDC, 30 mA @ 62 - 70 kVDC, 25 mA @ 72 - 80 kVDC, 20 mA @ 82 - 100 kVDC
Timer	Ultra High Resolution, 0.01- 2.0 sec., (61 total steps)
AC Input	110 VAC - 240VAC, 50/60 Hz
Line Voltage Adjustment	Automatic, dynamic
Internal Power Supply	60 kHz resonating high-frequency inverter system
X-ray Tube	Toshiba D-124K
Focal Spot Size	1.2 mm
Anode Heat Storage	20 kHU
Total Filtration	2.7 mm Al equivalent
Collimator	Continuously adjustable light beam type with adjustable dual integrated laser pointers to indicate central ray and distance in bright ambient light conditions
LP4 Laser Pointers	Class IIIa, Maximum output < 5.0mW, Wavelength 600-680M
Exposure Switch	Two stage deadman type
Exposure Cord	8 feet (2.4 meters)
Power Cord	20 feet (6.1 meters)
Size	9.45" W x 7.72"H x 14.37"L (24 cm x 19.6 cm x 36.5 cm)
Weight	24.2 lb (11 kg)

XRT300 Compact X-ray Table

Top Dimensions23" (58.4 cm) x 54" (137.2 cm)	Table Height36" (91.4 cm)
Focal Film Distance34" (86 cm)	Weight140 lb (64 kg)

Ordering Information

For more information about MinXray products, consult your local dealer

SA100+HF High Frequency Small Animal Radiology System: includes HF100+, with power cord and FS-HF footswitch; XRT300 x-ray table with integrated tubestand/cassette tray with longitudinal travel, and 6:1 ratio, 103 lpi grid.

HF100+CC – Carrying Case for HF100+

Authorized Distributor: **M.D. McCauley Co., Inc.**
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