

HF100+ ultra light

MINXRAY[®]

High Frequency Portable X-ray Unit
for Large, Small and Mixed Animal Practice



The HF100+ with integrated dual laser pointers is a versatile unit designed to meet the most challenging portable x-ray imaging situations.



Lightest, most powerful 100 kV unit available!

- **Easily Programmed Memory:**
For storage of 5 exposure techniques
- **mAs/ Time Display Switching Capability**
- **Integrated Dual Laser Pointers:** *Provides for accurate x-ray targeting in bright conditions*
- **High Frequency, Full-wave Rectified Power:**
Supplies more radiographic power pound for pound
- **Automatic Dynamic Line Voltage Compensation:**
Unequaled repeatability of results
- **Exclusive Five-year Limited Warranty:**
Worry-free ownership, coverage includes cables



HF100+ mounted on the 300GS mobile stand for in-clinic imaging.



HF100+ mounted on X100S tripod for field imaging.

MINXRAY[®] INC.
Leader in High Frequency Portable X-ray Equipment

High Frequency Design

Specifications



The XRT300 x-ray table accommodates the HF100+ to make an ideal compact imaging system for small and mixed animal practices.



HF100+ comes with a highly-protective carrying case.

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.

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 intergrated laser pointers
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 Dimensions	.23" (58.4 cm) x 54" (137.2 cm)	Table Height	.36" (91.4 cm)
Focal Film Distance	.34" (86 cm)	Weight	.140 lb (64 kg)

300GS Mobile X-ray Stand

Height	54.5" (139 cm)	Maximum Focal Spot Distance to Floor	78" (198 cm)
Maximum Base Width	25.5" (65 cm)	Arm Lowers to Floor	
Maximum Horizontal Extension of Arm	56.5" (144 cm)	Weight	.103 lb (47 kg)

X100S Tripod Stand

Maximum Center Post Height	57.5" (146 cm)	Center Post Length	21.5" (54.6 cm)
Leg(s) Extension	20" (50.8 cm)	Weight	.7 lb (3.2 kg)

Ordering Information

For more information about MinXray products, consult your local dealer

HF100+ ultra light High Frequency Portable X-Ray Unit: Power cord, exposure cord and carrying case

XRT300 Compact X-ray Table: Integrated tubestand/cassette tray with longitudinal travel, grid ready

300GS Mobile X-ray Stand

X100S Tripod Stand

X100SCC: Canvas carrying case for X100S

FS-HF: Foot operated exposure switch

HF Cord Pack: Power cord and exposure cord

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