

ARQ Medical Systems Ozone Park, NY

Affordability • Reliability • Quality

THE COST EFFECTIVE ROAD TO YOUR SUCCESS

VETERINARY RADIOLOGY

Reliable Performance

HCMI Inc. veterinary imaging systems are feature-rich and include product advantages such as ergonomic design, operator-friendly controls and system versatility. A variety of system options simplify imaging and patient positioning. Our VetPro DX system excels at providing the most important advantage of digital technology - an elevated quality of care. Our VetPro-1 film-based radiographic system is compatible with most digital imaging systems, enhancing system cost-effectiveness and providing a direct path to future imaging technologies.

VetPro DX Digital Radiographic System

Ideal for the clinic, group and private practice, this reliable, versatile system includes a CCD full field imaging receptor integrated with a durable, enclosed table and fixed tabletop. The 6.3 million pixel resolution provides 4,096 shades of gray and facilitates a full range of examinations. This DICOM compliant digital

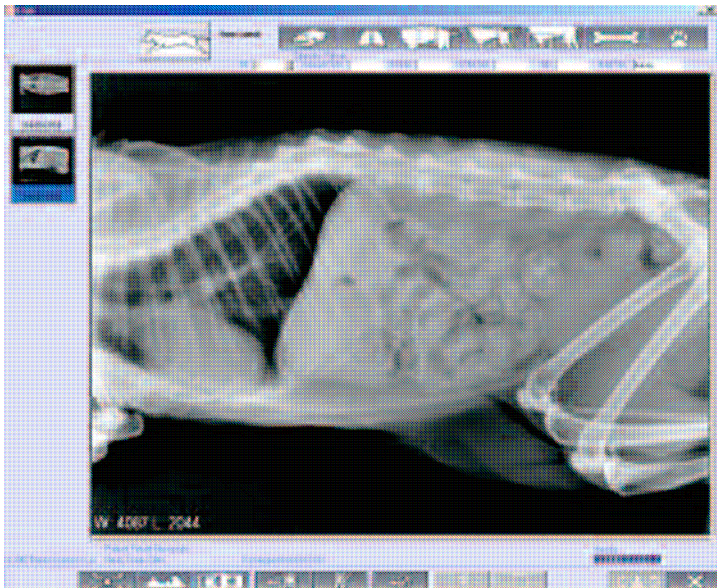


system provides image viewing in 7-10 seconds from exposure allowing the operator to check positioning and collimation while remaining tableside with the patient.

The range of the digital receptor allows discovery of pathologies that may not be found with other systems, so you have a much better diagnostic tool. The

ability to manipulate the digital data exemplifies the superiority of digital imaging over film-based systems. The advanced digital environment allows an operator to:

- Enlarge the image
- Alter the contrast and density
- Reverse the image (from negative to positive)
- Make exact digital measurements and add annotations
- Save the file in a near limitless number of variations
- Share the images for consultations



VetPro DX Digital Features & Specifications

- **Quality Image**
Resolution: 2k X 3k, 6.32 megapixel array, 2.8 LP/mm
- **Large 14" x 17" image field (35 x 43 cm)**
- **View images in less than 10 seconds**
- **2 megapixel, 20" flat panel monitor (medical grade**

- monitors optional)
- **User-friendly acquisition and viewing software includes:**
 - ✓ Anatomical selection software
 - ✓ DICOM compliant images
 - ✓ Image enhancement reprocessing capability
 - ✓ Image manipulation software
 - ✓ Image magnification
 - ✓ Window leveling
 - ✓ Image rotation and manipulation
 - ✓ Measure from image

✓ Post acquisition
annotation

...Unparalleled Imaging

VetPro-1 Film-Based Radiographic System



- **Space-Saving, Rugged Design**

Provides a full size table top, yet requires significantly less space by utilizing a specially designed tubestand....ideal for cramped offices.

Heavy-duty construction can support a patient capacity of 300 lbs.

- **Easy-To-Clean Table**

Fixed table top is flat and free of any mechanical fasteners or joints where dirt or bacteria can collect. Provides easier cleanup.

- **Maximum Radiation Protection**

Table base is fully enclosed and the grid cabinet is lead-lined, both to protect the operator against excessive radiation exposure.

- **Integrated Receptor and Tubestand**

In addition to conserving space, this design provides tubestand and grid cabinet locking for routine vertical radiography and unlocking for procedures requiring angulation of the x-ray tube.

- **Digital Ready**

Compatible with most digital imaging systems. Or, for a practical and cost effective digital solution, consider our VetPro DX.

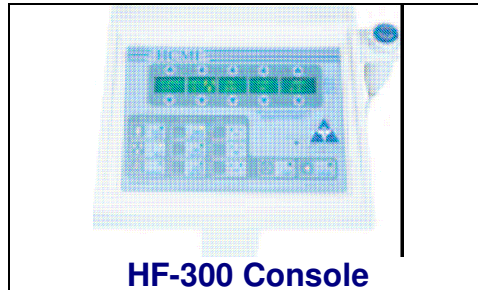
Proven, High Performance Generators

Our generators feature advanced imaging capabilities and user-friendly operation through state-of-the-art technology

HF-300 Generator - Advanced 100 kHz Technology

High frequency technology has revolutionized radiography, however not all “high frequency” generators are alike. More powerful than conventional standard or

medium frequency generators, our **HF-300** 30 kW generator produces **true** 100 kHz high frequency power. With less than 1 kV ripple, the x-ray produced is very efficient and extremely effective in addressing the most critical aspects of upright skeletal radiography. The advantages of our 100 kHz generators are:



- Exposure times are reduced by a minimum of 50%.
 - Patient radiation dosage is reduced by 26%.
- Shorter exposure times greatly reduce the risk of patient motion.
- Increased penetration power at lower kV techniques, result in optimal film density with greater bone and soft tissue contrast, giving you the highest diagnostic quality.
 - Longer x-ray tube life and greater efficiency.

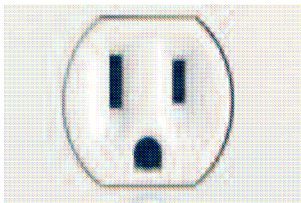
Allowing for easy operation, this generator includes superior, user-friendly anatomical programming as standard. The HCMI generator automatically adjusts for the correct and shortest exposure. Anatomical programming means one thing; technique selection is easy.

Step one: Select the anatomical region.

Step two: Select the radiographic view.

Step three: Enter the centimeter thickness.

For outstanding performance and dependability, our 100 kHz generators offer the ultimate in high quality imaging at an affordable price.

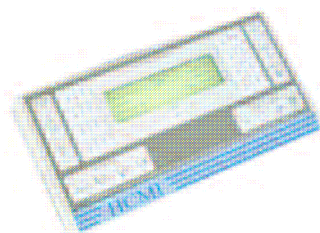


HF3-SE – 110 VAC outlet

HF3-SE - Ideal For Leased Office Space

The **HF3-SE** generator is a special version of the HF-300 that delivers full 30 kW, high frequency power from a standard 110 VAC outlet. This unique technical advantage permits affordable installation in facilities

where incoming power line installation or modifications would be too costly, or adequate power is inaccessible.



HF-30 Console with optional AP

HF-30 - 20 kHz High Frequency Power

Ideal for the budget minded practice, the **HF-30** uses 20 kHz high frequency technology and provides full 30 kW power for general radiographic needs. The operator friendly console provides fast 2-point technique selection. An optional anatomical programming mode offers consistent, effortless images by fast, automatic technique selection.



360 Console – Simple and Reliable

A high quality, full featured single-phase generator ideal for Today's private practice setting. Designed for rare earth film imaging, precise technique selection is easily accomplished for extremity views.

Specifications Model	HF-300	HF3-SE	HF-30	360
Technology	100kHz High Frequency	100kHz High Frequency	20kHz High Frequency	Single Phase
Anatomical Programming	Included	Included	Optional	N/A
kW rating	30	30	30	37.5
kVp range	40-125	40-125	40-125	40-125
mA range	25-300	25-300	50-300 Optional 500 mA	24-360
Power requirement	240 VAC 1 phase	110 VAC 1 phase	240 VAC 1 phase	240 VAC 1 phase

LOCAL REPRESENTATIVE – NEW YORK & NEW JERSEY

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