

InnoVet™
DXR



The Professional's
Choice for
Digital Imaging

InnoVet™

The Benefits of Digital Imaging

Digital imaging systems provide advanced features and tangible benefits that exemplify the superiority of digital technology. Your transition to digital technology provides immediate value by demonstrating the commitment of your practice to provide the highest level of care.



Superior image quality and enhancement options

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
- Alter the brightness
- 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 images for consultations

... all with a click of a mouse. Interpreting the image is also easier because the digital medium allows you to adjust aspects of the image that can cloud the view. Film is not capable of such manipulation.

Cost advantages of digital vs. film

The transition to digital imaging may seem like a major capital expenditure, however with a careful analysis of the bigger picture, you'll discover that digital x-ray is more cost effective than film-based systems and the productivity gains can allow you to see more patients. Add to that the elimination of film cassettes, chemicals, and the space needed for darkrooms and storage; and it's easy to see that digital should be your choice.



Improved patient care

The first and most important advantage of digital technology is the elevated quality of care. The imaging range of the digital receptor allows discovery of problems like hairline fractures that are unnoticeable with conventional film-based systems. In other words, you have in your hands a much better diagnostic tool that provides immediate and precise diagnosis. At the same time, the reduction in re-takes reduces stress for your patients.

Elimination of film

Digital imaging directly eliminates the use of film, but more importantly, eliminates the need of darkrooms and storage space, the processing and disposal of chemicals, time-consuming film duplication, and the retakes due to poor image quality. It also makes filing and file retrieval much more efficient.

Ultra fast image acquisition

Time is money, and direct digital imaging is nearly instantaneous. A digital exam can be conducted in less than 10 seconds and can then be instantly sent to a radiologist, stored on your hard drive or placed on CD or DVD for future review and back up.

The Benefits of the DXR System

The InnoVet DXR system is a result of a technical collaboration between Summit Industries, the manufacturer of InnoVet, and Imaging Dynamics Corporation the manufacturer of the patented digital receptor. By combining Summit's experience with it's 6,000 installed radiographic systems and Imaging Dynamic's more than 10 years experience in human medical digital imaging, we were able to create a complete x-ray system that provides veterinary medicine one of the highest resolution digital radiographic images available.



Exceeding Expectations

The DXR meets the challenges of increased exam volumes, stringent operating budgets and staffing shortages – all without the use of film, cassettes or expensive imaging plates.

This system allows you to examine more patients each day, up to three times more than a conventional film-based or CR (Computed Radiography) system.

Superior Images

The InnoVet DXR utilizes a patented, single CCD direct digital receptor that enables viewing of the high resolution images in less than 10 seconds from exposure. More than 9 million pixels digitized at 14 bits per pixel produces over 16,000 shades of gray. This excellent dynamic range allows discovery of pathology you might not see with other systems. The 17" x 17" (43 cm x 43 cm) image area is the industry's largest and provides for easy patient positioning.

Maximum efficiency and lower radiation dose is ensured by the InnoVet DXR's high Detective Quantum Efficiency (DQE is an industry measure of digital image quality).

Optimal image quality is achieved through the pre-programmed x-ray techniques that have been proven through years of testing in veterinary practices.

User-friendly Software

The DXR software is easy to use and supports the DICOM standards including modality worklist, print management and send. Advanced image processing functions include: tissue equalization, sharpening, contrast enhancement, markers and many more.

Customize To Your Needs

The DXR system features a full-size table top and a 300 mA/125 kVp high frequency generator with anatomically programmed console. By selecting from over 15 options, you may tailor the system to meet your specific radiographic needs and at the same time avoid paying for unwanted features.

Examples of popular InnoVet DXR options include:

- An upgrade of the 300 mA high frequency generator to an even more powerful 500 mA.
- A 2-way or 4-way float top table.
- The "no-hands" collimator system.
- Additional viewing stations for exam rooms.

Whichever options you may choose, you are sure to find them to be valuable, easy to use additions to your InnoVet DXR.

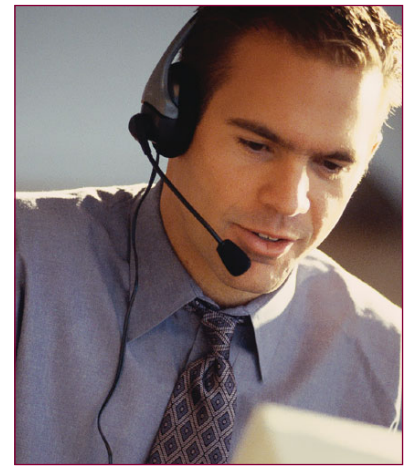


Experienced Dealer Support is Standard

With any digital system there are still many factors that effect the final image. The superiority of the digital technology alone won't compensate for poorly maintained equipment, operator error or faulty technique. A competent InnoVet expert is recommended.

Our authorized InnoVet dealers have the experience to ensure that each DXR system will be installed and maintained to the highest factory standards. Each dealer is factory-trained to keep your system running like new, with little or no downtime.

Using your high-speed internet connection, InnoVet dealers may provide support to your system and also access factory support. No other manufacturer can claim the same high-quality product and skilled local service. Your satisfaction is our highest priority.



Features and options of the InnoVet DXR

Digital Receptor

High quality image resolution:	
3k x 3k, 9 megapixel array, 3.2 LP/mm	✓
4k x 4k, 16 megapixel array, 4.6 LP/mm	Option
Large 17" x 17" image field (43 cm x 43 cm)	✓
2 megapixel, 20" flat panel monitor	✓
Medical grade monitors	Option
User-friendly acquisition and viewing software	✓
Software for additional viewing stations	Option

Generator

High Frequency, 300 mA, 125 kV	✓
Additional 500 mA high frequency capability	Option
Automatic generator "shut-off" circuit	✓
Anatomical programming- veterinary specific	✓

Table

Stationary table top	✓
4-way Float Table Top	Option
2-way Float Table Top	Option
Table top fluid trough	Option
Animal restraining device	✓
Exposure foot treadle with latching prep circuit	Option
Wall Mounted hand operated exposure switch	Option

Collimator

Swivel mount	✓
"No-hands" collimator light control system	Option

Warranty

2-year parts on digital receptor	✓
7-year parts on x-ray system	✓
7-year pro-rated on x-ray tube	✓
Extended parts warranty program	Option

Built-in Quality Protects Your Investment



From our professional engineering design through the rigorous manufacturing process, adherence to the highest quality assurance measures guarantees that every InnoVet DXR will provide years of trouble-free operation. Summit's ISO 9001 certification recognizes our commitment to quality.

And as a testimonial to our commitment to quality, Summit proudly backs every InnoVet DXR with the best warranty in the industry :

- ✓ 2-year parts warranty on the digital receptor
- ✓ 7-year parts warranty on the x-ray system
- ✓ 7-year pro-rated warranty on the x-ray tube

For additional security, ask about optional extended warranties.



InnoVet™

Over 6,000 Owners

Your Partners in Radiography

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