



FCR XL-1 and FCR XC-1
bring affordable, high-quality digital x-ray
to veterinary practices like yours.



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Now, veterinary practices of all sizes can benefit from the exceptional image quality, speed and flexibility of Fuji digital x-ray.

Fuji, the world's leading manufacturer of digital x-ray, has designed two premium-quality computed radiography systems especially for veterinary practices: the FCR XL-1 and FCR XC-1. Both systems give you all the advantages of digital x-ray, such as elimination of repeat exams and lost films, lower storage and management costs and options to enhance images for improved diagnostic accuracy. But to create the FCR XL-1 and FCR XC-1, we went one step further by integrating Fuji's proven technology of optimizing images for display with software that meets the specific needs of veterinary practices. With Fuji CR, anatomical menus can be customized to accommodate a wide range of procedures for large animals, small animals and exotics. Images have excellent bone and soft tissue detail. Plus advanced processing allows structures such as equine stifles and avian and exotic extremities, which are difficult to image on conventional film, to be seen with extraordinary clarity. FCR XL-1 and FCR XC-1 systems allow you to produce the highest-quality images while optimizing your practice's workflow.

So small, yet so powerful.

FCR XL-1 and FCR XC-1 have a compact footprint of less than 2.5 square feet and are only 32" tall, so they can fit in any exam room, under counters – virtually anyplace that you need them. And with exceptionally high throughput and image availability beginning in just 10-12 seconds, FCR XL-1 is fast enough to handle busy periods in the most demanding environments. FCR XC-1 is ideal for smaller practices with big image quality demands but without the imaging volume to justify the capacity and price of competitive systems.

Unparalleled productivity.



Fuji's digital x-ray is so efficient, you'll wonder how you ever managed without it. The darkroom becomes a thing of the past. But that's just the beginning. Both systems include Fuji's Flash IIP console, an easy-to-use workstation loaded with all

the tools you need to view, enhance, annotate, print or send images. Complete a digital exam in only three clicks. Add annotation markers to images with a single tap on the screen. With another tap, flip or rotate an image. Or type free-text comments right onto the image. Since there's a wide range of customized anatomical menus to choose from, images are processed for an optimal first-up display. Retakes are virtually eliminated. Images can be sent automatically to a printer or to an electronic file, allowing you to email results to clients or to colleagues. This eliminates the need to send out original x-rays or dedicate storage space for films.

With FCR, you get exceptional image quality – every time.

All digital x-ray systems are not created equal. And good image quality does not happen automatically. It takes a great deal of expertise to create exceptional images. Every Fuji digital x-ray system benefits from over two decades of experience in presenting images of the highest quality. And that's because FCR XL-1 and FCR XC-1 include Image Intelligence™, a suite of sophisticated technologies that ensure images are presented optimally, every time. Fuji's world-renowned image processing tools include:

- Multi-objective Frequency Processing (MFP) simultaneously applies varying degrees of contrast and spatial frequency enhancement to different-sized structures within the same image. This improves the visibility of both dense and peripheral tissue. MFP is especially useful for clearer visualization of foreign objects that are often susceptible to artifacts that may obscure pathology.
- Dynamic Range Control (DRC) improves visibility of both



dense and peripheral tissue, which is essential for seeing detail that otherwise be lost or "burned out."

- Flexible Noise Control (FNC) extracts noise data and suppresses noise levels from images without losing sharpness and associated diagnostic information. This improves granularity in noisy anatomical regions, such as the lumbar and pelvic areas.
- Grid Pattern Removal (GPR) automatically detects grid patterns, then uses a two-dimensional technique to remove them. This prevents the appearance of a moiré pattern, which can occur when using a stationary grid.

But that's not all. Here's a rundown of other tools and technologies included in FCR XL-1 and FCR XC-1:



- Exposure Data Recognizer (EDR) software automatically detects the most important image data, then applies anatomically-specific processing to present the image optimally for the intended exam. By masking noise and other useless information, Fuji's digital images are more forgiving to variable exposure conditions and reduce the need to window and level.
- Every Fuji digital image is scanned at high (10 pixel/mm) spatial resolution. This means that you get exceptional image detail every time without having to use special cassettes – and without impacting throughput*.
- Fuji's imaging plates feature the highest DQE (detective quantum efficiency) and signal-to-noise ratio of any commercially available plate, providing you with outstanding diagnostic quality. With digital x-ray, you have multiple originals, so lost films become a thing of the past. All of these features allow you to keep radiographic dose levels to a minimum.

Choose the FCR system that best fits your practice.

The FCR XL-1. Perfect for higher-volume practices.

The FCR XL-1 can process up to 94 images per hour – yet its small size makes it ideal for small exam rooms or busy offices where space is limited. With this kind of speed, the FCR XL-1 can handle even the busiest periods in your office.

The FCR XC-1. Ideal for mobile, lower-volume or off-site locations.

With throughput speeds of up to 60 images per hour, the FCR XC-1 is the ideal choice for practices with lower case-loads that simply won't compromise on image quality. It's also great for mobile or off-site locations. So no matter where image acquisition takes place, you get consistent, high-quality images every time.

Fuji CR. There is a difference.

Why is Fuji digital x-ray chosen more often than any other brand? Maybe it's because more than two decades of industry-leading innovation, refinement and user feedback go into every system. Or maybe it's because we're committed to delivering three fundamental elements with each and every system: outstanding image quality, groundbreaking technology innovation to keep you on the cutting edge and unmatched productivity. Whatever the reason, one thing's for sure: with FCR, there is a difference.

*During FCR XL-1's fast scan mode, images are scanned at 5 pixel/mm resolution.