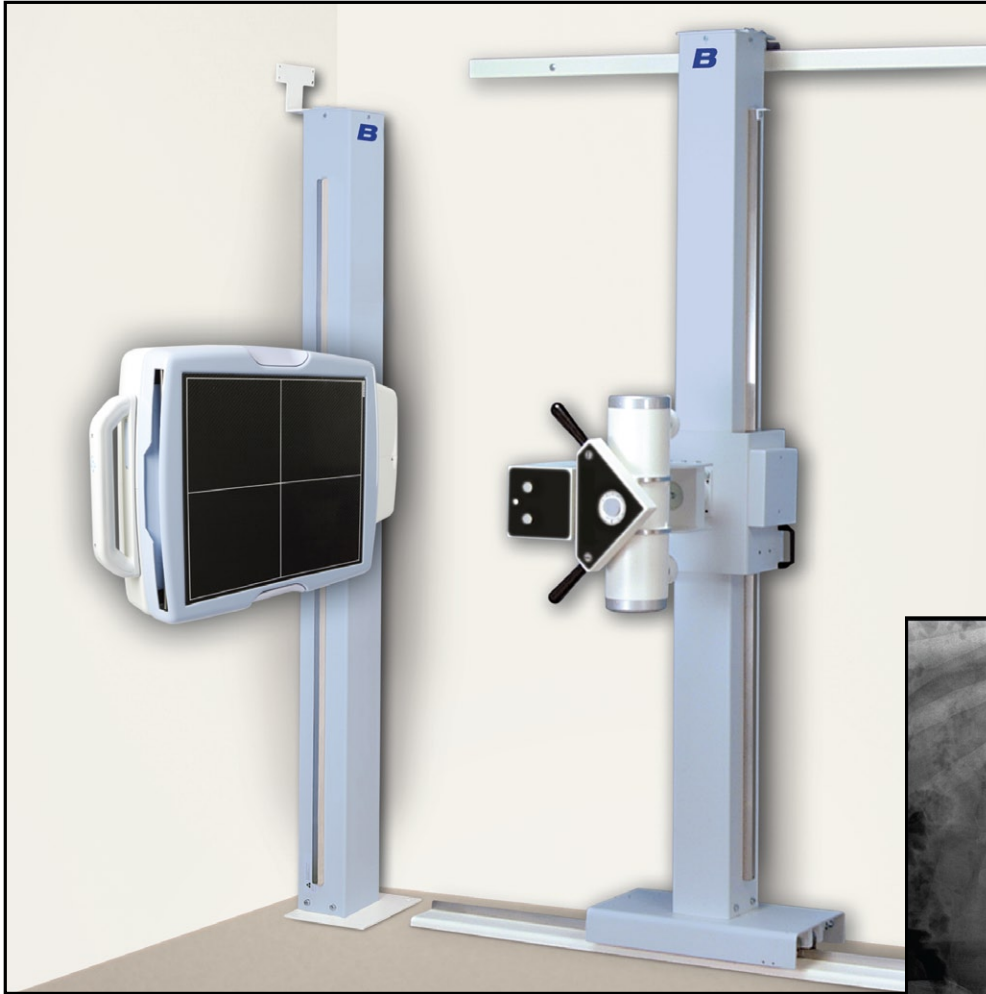
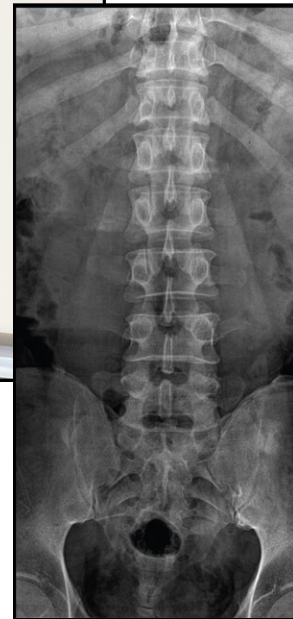


# **BENNETT™**

## X-RAY SYSTEMS



Direct Digital IMAGER System



***Dedicated to Quality, Innovation and  
the Chiropractic Profession***

# The Benefits of Digital Imaging

Digital imaging systems provide advance 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.

## Improved Patient Care

The first and most important advantage of digital technology is the elevated quality of care. The range of the digital receptor allows discovery of pathologies that may not be found with other systems, so you have in your hands a much better diagnostic tool that provides for an immediate and precise diagnosis.

At the same time, the short exposure time and reduction in re-takes increases patient safety because the radiation dose is limited by as much as one-third, without sacrifice in image quality. In short, the achieved higher standard ensures your patients' trust and satisfaction.



## Elimination of Film

Digital x-ray directly eliminates the use of film, but more importantly, it eliminates the need of darkrooms and storage space, the processing and disposal of chemicals, time-consuming film duplication and retakes due to poor image quality. It also makes filing and file retrieval much more efficient. Consider all these savings as an integral part of the equation when deciding on a digital solution.

## Ultra Fast Image Acquisition

As we all know, time is money. Thankfully, direct digital imaging is nearly instantaneous. Digital exams can be conducted 2 to 4 times faster than traditional film-based x-rays, so busy chiropractors can increase the number of patients seen each day. The image is ready to view within seconds and can be instantly sent to a radiologist, stored on your hard drive or placed on CD or DVD for future review and back up.

## Superior Image Quality and Enhancement Options



The ability to manipulate the digital data exemplifies the superiority of digital x-ray imaging over analog systems. The advanced digital environment allows a doctor to:

- ✓ Enlarge the image
- ✓ Alter the contrast
- ✓ Alter the 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 images for consultations

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

## Cost Advantages of Digital vs. Film

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



# The Benefits of the BENNETT Direct Digital IMAGER System

## Leading the Profession

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

Technology is the single most important consideration when investing in a new digital x-ray system. By combining a proprietary, single CCD direct digital receptor and a time tested anatomical programmed, high frequency generator, the Imager produces high resolutions images within seconds exceeding every expectation. The system allows you to examine more patients each day, up to three times more than a conventional film-based or CR (Computed Radiography) system.

## Simple & Full Featured

- 14-bit signal digitization provides an extremely wide dynamic range that allows discovery of pathology that may not be seen by other systems.
- Large 17" x 17" (43 cm x 43 cm) image area allows easy patient positioning.
- Optimized algorithms for each body part provides consistent image quality at a lower dose.

## Easy-to-use Software and 100% Compatibility

Performance and simplicity are key factors in a digital system's operation. The IMAGER software is easy to use and compliant with DICOM standards accepted by the industry. The IMAGER can function as a stand-alone imaging workstation or can be seamlessly integrated into a shared Picture Archive and Communications System (PACS). In addition, the Imager makes it easy to adhere to strict regulation such as the Health Insurance Portability and Accountability Act (HIPAA) and Health Level 7.

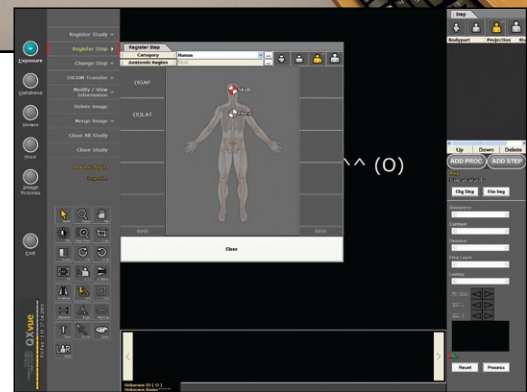
After the exposure is made, the acquired digital image appears on the system's display within seconds, allowing for immediate positioning verification and diagnosis. Digital images are processed and ready to send to a printer, send electronically for a second opinion or save for later review with a few keystrokes. Advanced imaging processing functions include: tissue equalization, sharpening, imaging contrast enhancement and many more.

## Experienced Support is Standard

The superiority of the digital technology alone won't compensate for poorly maintained equipment, operator error or faulty techniques. A competent Bennett expert is recommended. Using high-speed Internet connection, Bennett dealers may provide remote support to your system and also access factory support.

## Industry Best Product Warranty

The IMAGER system parts warranty is the best in the industry. A limited seven-year warranty on the x-ray system with a three-year warranty on the computer/monitor and two-year warranty on the digital receptor demonstrates our complete product confidence.



# Film-Based Radiographic Systems

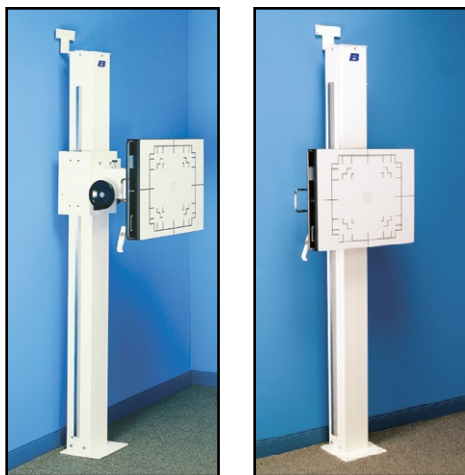
Bennett film-based x-ray systems satisfy the radiographic needs of many Chiropractic practices. Leading the industry, our versatile systems are available for a full range of applications including complete full spinal and upper cervical imaging.

## Versatile and Reliable

Ideal for the budget minded practice, our conventional x-ray systems deliver high-quality film images. The benefits are:

- ✓ Excellent image quality
- ✓ Long-term durability
- ✓ Industry best product warranty
- ✓ Affordability

Examples of popular options include:



*left: Tilting Bucky Structure with gear-driven adjustment, ideal for upper cervical images.*

*right: Conventional Vertical Structures for 17" x 17" or 14" x 36" film cabinets.*



## Digital Ready - Right For Today and Tomorrow

All of our radiographic systems are compatible with most digital imaging systems. Our IMAGER Upgrade, may be added to your system any time after purchase, converting it to a DICOM-compliant digital imaging system.

## Built-in Quality Protects Your Investment

Our rigorous manufacturing process and adherence to the highest level quality assurance measures guarantees that every product will provide years of trouble-free operations. As a testimonial to our commitment to quality, Bennett proudly backs every chiropractic film-based radiographic system with a 7-year parts warranty, the best warranty in the industry.

**BENNETT™**  
**7-Year Warranty**

*For a period of seven (7) years from date of shipment, Bennett warrants radiographic equipment manufactured and labeled for Bennett as follows:*

- Bennett extends the original manufacturer's warranty on x-ray tubes purchased with Bennett x-ray systems. X-ray tubes will carry a seven (7) year pro-rated warranty from the date of shipment. Any part proving defective will be repaired or replaced free of charge. S.C.R. factory. If the defective part is returned for inspection, freight charges shall be prepaid.
- Bennett reserves the right to fulfill warranty requirements with new or refurbished components that meet or exceed current product performance and specifications.
- Batteries - pro-rated.

**Warranty Exclusions**  
*This Warranty does not apply to:*

- Any labor costs.
- Collimator glass/covers.
- Plates.
- Damage caused by accident, misuse, neglect, shipping or acts of nature.
- Service performed by persons other than authorized Bennett dealers or representatives.
- Equipment, if interconnected with components not sold by Bennett and/or not approved by Bennett for compatibility.
- Certain traded products (see Traded Product Warranty).



ISO 9001  
OMI-SAI Global  
OEC15774

# BENNETT™

2901 W. Lawrence Ave. • Chicago, IL 60625  
800-641-4107 • 773-588-2444 • Fax 773-588-3424  
[www.bennettxray.net](http://www.bennettxray.net)