

AMRAD DXR Digital Radiographic Systems



Take a Closer Look.

The Best Digital Value

AMRAD™ is the recognized leading manufacturer of medical radiographic systems and components, which integrate quality with cost effectiveness. Practices of all sizes rely on AMRAD™ systems every day to meet the high demands of patient care.

The migration to digital imaging is the next step in diagnostic radiology. Since price is still a major factor in that transition, AMRAD™ has engineered cost-effective and user-friendly solutions that now allow every

practice to step into the digital age with Direct Radiography (DR). To minimize the challenge for the staff and reduce the learning curve, AMRAD™ digital systems are designed for traditional film-based workflows and patient positioning. This alleviates high training costs, and ensures that the adoption of digital imaging is more profitable and easy for your staff.

#QEC15774
ISO 9001:2000 Certified



AMRAD DXR Systems – Add Value to your Clinic

Examine more patients each day... up to 3 times that of CR (computed radiography) or film. DXR Systems utilize patented, CCD direct digital receptors in conjunction with a choice of dependable, High Frequency generators for high quality images within seconds after exposure.

The acquired digital image appears on the system's display allowing for immediate positioning verification and diagnosis. Digital images are processed and ready to send to a printer or save for later review with a few keystrokes.

As a stand-alone imaging workstation, with an optional PACS, or integrated into an existing PACS, the flexible DXR systems are ideal for any clinic or imaging center.

Superior Images

The patented, CCD direct digital receptor captures the highest resolution images available with 14 bits per pixel producing 16,384 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 DXR's high Detective Quantum Efficiency (DQE is an industry measure of digital image quality).



DXR Dual Advantage OTS System

The Overhead Tube Support (OTS) is ideal for sophisticated imaging environments.

The extensive vertical travel permits exams ranging from skull through weight bearing. The high-performance elevating radiographic table offers smooth and quiet operation. Utilizing two separate receptors to replicate traditional film-based workflow, the Dual Advantage OTS affords easy patient positioning and quality digital imaging at an affordable price.

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, image contrast enhancement, and many more. Markers for Right, Left, AP and PA are easily applied for permanent reference. The DXR software is compatible with all DICOM and HIPPA compliant image archive, image management software and hardware systems.

Proven Designs, Extraordinary Value

Powered by your choice of AMRAD™ High Frequency generators, an operator can quickly set x-ray technique factors. The full travel of the digital receptor wallstand allows a wide range of exams including standing knee procedures. The exceptionally sturdy construction of the tubestands and wallstands provide years of reliable service. AMRAD™ DXR Systems are an outstanding value.



The extended tube and receptor travel eliminates the need for a platform during weight-bearing procedures.



The table features a flat working surface for table-top procedures with no image distortion.

DXR Dual Advantage FMT System

The Floor Mounted Tubestand (FMT) is designed to accommodate almost any size facility and provides a stable, heavy-duty support structure. The simple floor-mounted tubestand reduces installation costs while offering easy positioning for the most difficult views. The high-per-

formance elevating radiographic table offers smooth and quiet operation. The dual digital receptors are integrated into the table and wallstand providing traditional film-based workflow and the industry's most cost-effective transition to an all-digital system.

Chest DXR System

For the unique, high volume demands of the cardiovascular or internal medicine practice, the Chest DXR with a single CCD direct digital receptor allows fast and accurate chest imaging.

AMRAD... Right for Today and Tomorrow

AMRAD™ is known for innovative development and quality workmanship in radiographic systems and components. Our products help physicians provide top-quality health care for their patients every day.

AMRAD™ digital systems are the affordable choice in today's marketplace, offering the same long-term dependable performance that has become synonymous with the AMRAD™ name. Excellence in manufacturing and adherence to quality assurance measures have resulted in ISO 9001 certification.

This recognition acknowledges our commitment to quality and continuous improvement.



Protect Your Investment

Backed by a limited five-year parts warranty on the system with a one-year warranty on the digital receptor, computer, monitor and software, the DXR systems provide exceptional performance and value.

Our optional extended parts warranty programs secure your investment today and guarantee your investment value tomorrow.

Professional Support is Standard

All the benefits of the AMRAD™ DXR systems and digital imaging are enhanced by on-site installation and applications training. AMRAD™ digital radiographic products are backed by a worldwide dealer network for support and service. This exceptional group of professionals is dedicated to providing you with unequalled products and services.

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