Delivering flexible imaging excellence

DX-D 300 - Direct Radiography from Agfa HealthCare

DIRECT RADIOGRAPHY
Maximum flexibility for universal use
Its U-arm makes it suitable for lateral ‘cross table’ exams on rolling tables and as a result, can be used in a number of configurations:
• For ambulatory patients who can “walk and talk,” it is ideal for chest, extremities and abdomen studies.
• For light emergency work, a rolling table means easy access to the patient for immediate positioning.
• Free exposures, such as those for patients in wheelchairs or for Full Leg Full Spine exams, can be achieved by manually rotating the tube out of its axis.

The combination of a single detector with a fully motorized positioner and automatic collimation from the NX’s exam presets increases productivity and ergonomics for the radiographic technician.

Affordable way to go direct digital
The productivity of the DX-D 300 reduces the cost per exam and makes direct digital a smart investment. The intuitive nature of the NX workstation reduces staff training costs, while the number of exams achieved per X-ray unit can be greater than two times that of a conventional room, maximizing cost-efficiency.

Wide range of exams in a limited space
Space is at a premium in most healthcare environments. As a floor mounted X-ray unit, the DX-D 300 is easy to install and requires limited space of just 3m × 3m × 2.8m. Its small footprint provides a compact direct digital X-ray solution that enables you to capture a wide range of exams, all in a single room.
DX-D 300. The quick and easy way to go digital.
MUSICA² enhances DR image quality
At the heart of the DX-D 300 DR system lies Agfa HealthCare’s gold standard imaging software, MUSICA² - intelligent and automated digital radiography image processing software for regular high quality image visualization. Exam independent, MUSICA² automatically analyzes the characteristics of each image and optimizes processing parameters - independent of user input and dose deviations. The result is minimal re- or post-processing and the potential for significant dose reduction.

High quality imaging and potential for dose reduction
Combining the DX-D 300’s direct image capture capabilities with MUSICA² image processing tuned for DR - renowned for its contrast-detail - means you can enjoy excellent image quality and the potential for significant dose reduction.

Top technology detector
The DX-D 300 DR system offers you a top-quality, fast, needle phosphor Cesium Iodide detector - with pixels of only 139 μm. This provides you with the high resolution of nine mega pixels, productivity and versatility, high image quality, and the opportunity to reduce patient dose.

MUSICA² - the benefits
• Gold standard imaging software
• Intelligent and automated image processing
• Consistently reliable, high quality image visualization
• High potential for dose reduction
• Exam independent
• Minimal re- or post-processing

Achieving high quality images, with excellent definition and contrast - consistently. The potential to reduce patient dose. This is what makes the DX-D 300 unique.
MUSICA² provides high quality images with potential for dose reduction.

U-arm suitable for lateral ‘cross table’ exams on a rolling table.

Ideal for ambulatory patients.

DX-D 300. The quick and easy way to go digital.
Easily installed in a limited space. Requiring minimal training. Delivering a wide range of images in a short space of time. The DX-D 300 provides you with fast access to your very own digital solution.

Fast preview between exposures provides improved patient experience
The DX-D 300's immediate preview, starting less than a second after exposure, enables a higher rate of throughput, thereby lowering the cost per exam and allowing your patients to be released more quickly. Digital Radiography’s flexibility also provides a versatile workflow for a full range of exposures, as well as complex studies - such as Full Leg Full Spine - with CR, which can be achieved in just one shot. Taken together, the DX-D 300's ability to reduce patient waiting time, increase diagnostic confidence and enhance patient security due to operator presence, results in a highly improved operator and patient experience.

Same look and feel with NX acquisition station and MUSICA²
Developed to address the need for versatility in General Radiology imaging, the DX-D 300 delivers a unified look and feel for both your DR and CR exams and offers a choice of soft copy or hard copy outputs. It enjoys streamlined workflow throughout your facility and beyond by combining the capabilities of MUSICA² image processing and the NX acquisition workstation, with its fast acquisition and DICOM connectivity with HIS/RIS/ PACS and imagers.

Services & Support
Agfa HealthCare offers service agreement solutions tailored to the individual customer’s situation. The service agreements are available in Basic, Advantage and PM Only levels, making lifecycle costs predictable.

A worldwide team of some 1,000 service professionals is at your disposal to provide support at all phases of your project. As an additional service, they can help customize your examination tree or link RIS protocol codes for an even higher return on investment. Furthermore, this team carries out tasks that go well beyond maintenance, including value added services such as super user training, staff training and software upgrades.

Improved workflow performance with DX-D 300

Added CR benefits
• CR 30-X, table top digitizer for decentralized CR environment or DX-G, groundbreaking Computed Radiography (CR) solution for excellent image quality, speed and flexibility.
• CR Full Leg Full Spine in one shot, providing geometric measurement accuracy and no motion artifacts.

DRYSTAR imagers
Excellent image quality, complete flexibility and improved workflow through A’s Sharp enhanced DDI technology, total daylight handling, high throughput and short image access time.

IMPAX- Patient Archiving and Communication System
• PACS system for fast access to data from standard DICOM-compliant modalities and sources.
DX-D 300. The quick and easy way to go digital.

Suited for patients in wheelchairs
Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare’s DX-D 300 Direct Radiography solution provides maximum flexibility, the versatility to capture a wide range of studies, and enhanced productivity through excellence in image quality, making it the quick and easy way to go direct digital.

www.agfahealthcare.com