

# Delivering flexible imaging excellence

DX-D 300 - Direct Radiography from Agfa HealthCare



# versatile<sup>a</sup>

and compact solution for all General Radiographic exams

Optimal flexibility. The versatility to capture a wide range of studies. Enhanced productivity through excellence in image quality. Easily installed in a limited space. The DX-D 300 is the quick and easy way to go direct digital. With it, you'll enjoy - consistently - the high image quality of MUSICA image processing.

## Optimal 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 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 pre-sets, 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 is greater than two times that of a conventional room, maximizing cost-efficiencies.

## Widest 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 3 m x 3 m x 2.8 m. Its small footprint provides a compact direct digital X-ray solution that enables you to capture the widest possible range of exams, all in a single room.



Floor mounting means limited space is required



Fully motorized positioner



The versatility to capture wide range of studies



DX-D 300. The quick and easy way to go digital.

# consistent

high quality imaging

Achieving high quality images, with excellent definition and contrast - consistently. Dose reduction potential. This is what makes the DX-D 300 unique.

## MUSICA enhances DR image quality

At the heart of the DX-D 300 DR system lies Agfa HealthCare's gold standard imaging software, MUSICA - intelligent and automated digital radiography image processing for regular high quality image visualization. Exam independent, MUSICA 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 production of high quality images with excellent definition and contrast.

## High quality imaging and potential for dose reduction

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

## High technology detector

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

## Fixed detector or optional cassette-size bucky

The DX-D 300 comes with a choice of fixed detector or optional cassette-sized bucky, for maximum detector flexibility. The fixed detector is "drop safe" and does not need to be rotated from landscape to portrait. The optional cassette-sized bucky allows images to be taken with DR detectors outside of the bucky, so you don't need an extra device for free exposures, such as weight-bearing feet exposures, exposures for patients in a wheelchair, etc. It can also be used with CR cassettes, offering an easy path to DR, or upgraded with a wireless detector.

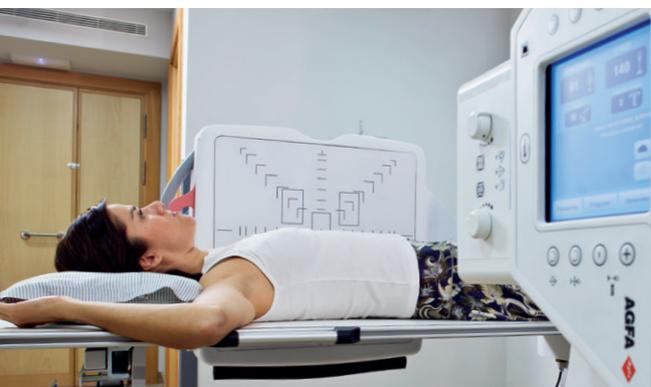
## MUSICA - the benefits

- 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

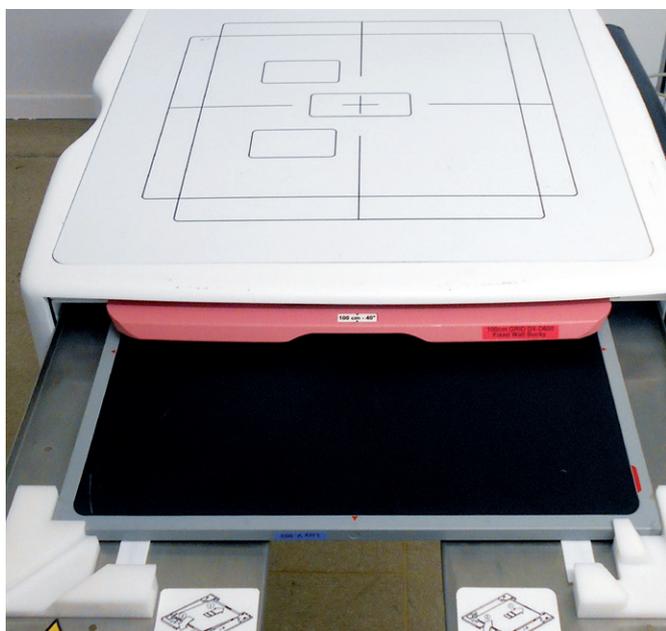




U-arm suitable for lateral 'cross table' exams on a rolling table



Ideal for ambulatory patients who can walk and talk



MUSICA provides high quality images, with excellent definition and contrast, and with the potential for dose reduction

DX-D 300. The quick and easy way to go digital.

# the fast

## 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 and the potential for a lower dose.

### Same look and feel with NX acquisition station and MUSICA

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 MUSICA image processing and the NX acquisition workstation, with its fast acquisition and excellent 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, Comfort and Advanced levels, making lifecycle costs

predictable. A worldwide team of some 1000 service professionals is at your disposal to provide support at all phases of your project. As an additional service, they can help you 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

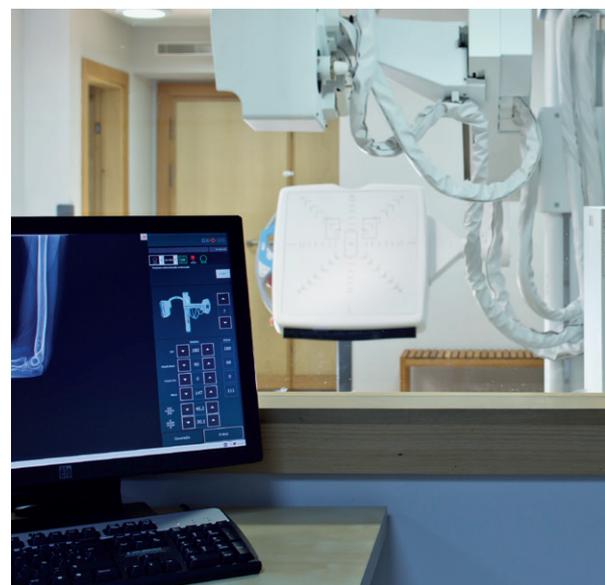
- CR 15-X, table top digitizer for decentralized CR environment or the DX-M\* groundbreaking Computed Radiography (CR) solutions for exceptional image quality, speed and flexibility.
- CR Full Leg Full Spine in one shot, for enhanced geometric measurement accuracy and no motion artifacts.

#### DRYSTAR imagers

Excellent image quality, complete flexibility and improved workflow through A#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 all modalities and sources.



Suited for patients in wheelchairs



\*DX-M with CR Mammography application is not available in the US.

DX-D 300. The quick and easy way to go digital.

Agfa HealthCare, a member of the Agfa-Gevaert Group, is a leading global provider of diagnostic imaging and healthcare IT solutions. The company has nearly a century of healthcare experience and has been a pioneer on the healthcare IT market since the early 1990's. Today Agfa HealthCare designs, develops and delivers state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for hospitals and healthcare facilities, as well as contrast media solutions to enable effective medical imaging results. ■

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