



AGFA
RADIOLOGY
SOLUTIONS

DX-D 300

Delivering flexible imaging excellence

Direct radiography from Agfa Radiology Solutions

Fully motorized
positioner



Floor mounting means
limited space is required



The versatility to capture
a wide range of studies

A versatile and compact solution

for all General Radiographic exams

Optimal flexibility. The versatility to capture a wide range of studies. Enhanced productivity through Artificial intelligence and 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 MUSICA'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 MUSICA

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.

Reach for a helping hand: SmartRotate

SmartRotate is available with the DX-D 300, putting Agfa's proven imaging expertise into play by automatically presenting images ready for viewing. It is part of the SmartXR portfolio, which brings intelligence to your digital radiography equipment at the point of care, to help lighten your workload and provide practical image acquisition support.

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.

Consistent high quality imaging

Achieving high quality images, with excellent definition and contrast - consistently. Dose reduction potential. The enhanced productivity of Artificial Intelligence. These are what make the DX-D 300 unique.



MUSICA enhances DR image quality

At the heart of the DX-D 300 DR system lies Agfa'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.

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

Ideal for ambulatory patients
who can walk and talk



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



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 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.

The right view, automatically

With SmartRotate, the image is presented ready for viewing, directly and automatically. This 'plug and play' feature uses a Deep Neural Net to identify the image content, and then rotate it correctly. With fewer manual post-processing actions to take care of, the operator saves time and can focus on imaging instead of adjustments. What's more, the consistent presentation of the images in the PACS enables better comparison with priors.





Improved workflow performance with DX-D 300

Added CR benefits

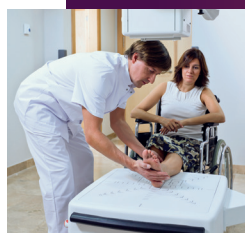
- > CR 15-X, table top digitizer for decentralized CR environment or the DX-M groundbreaking Computed Radiography (CR) solutions for exceptional image quality, speed and flexibility.
- > CR based Full Leg Full Spine can also be performed in one shot for enhanced geometric measurement accuracy and lower risk of 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.

Picture Archiving and Communication System

- > PACS system for fast access to data from all modalities and sources.



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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 like Full Leg Full Spine or "stitching" exams. The DX-D 300 can also be used with Agfa CR systems to perform Full Leg Full Spine studies with a single exposure. 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, powered by 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 MUSICA acquisition workstation, with its fast acquisition and excellent DICOM connectivity with HIS/RIS/PACS and imagers.

Services & Support

Agfa 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.

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