

DIRECT RADIOGRAPHY

Delivering flexible imaging excellence

DX-D 300 - Direct Radiography from Agfa HealthCare



versatile^a

and compact solution for all General Radiographic exams

Maximum flexibility. The versatility to capture a wide range of studies. Enhanced productivity through excellence in image quality. 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 MUSICA² image processing, whether you choose to harness the power of DR only, or a combination of DR and CR.

DR performance and CR versatility in one compact solution

From the expert imaging company that has already brought you superior CR solutions, the DX-D 300 DR system from Agfa HealthCare offers you all the benefits of DR productivity and optional CR versatility in a compact solution suitable for all General Radiographic exams. Its small footprint enables you to have your imaging solution in a single room, making it ideal for outpatient and inpatient studies in smaller hospitals, hospital satellites and imaging centers, emergency rooms, orthopaedic and private clinics, and physicians' offices.

Consistent 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, consistently, excellent image quality and the potential for significant dose reduction.

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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. It enjoys streamlined working procedures through the combined capabilities of MUSICA² image processing and the NX workstation, with its fast acquisition and superior connectivity with HIS/RIS/PACS and imagers.

Needle quality imaging detectors for both CR and DR studies

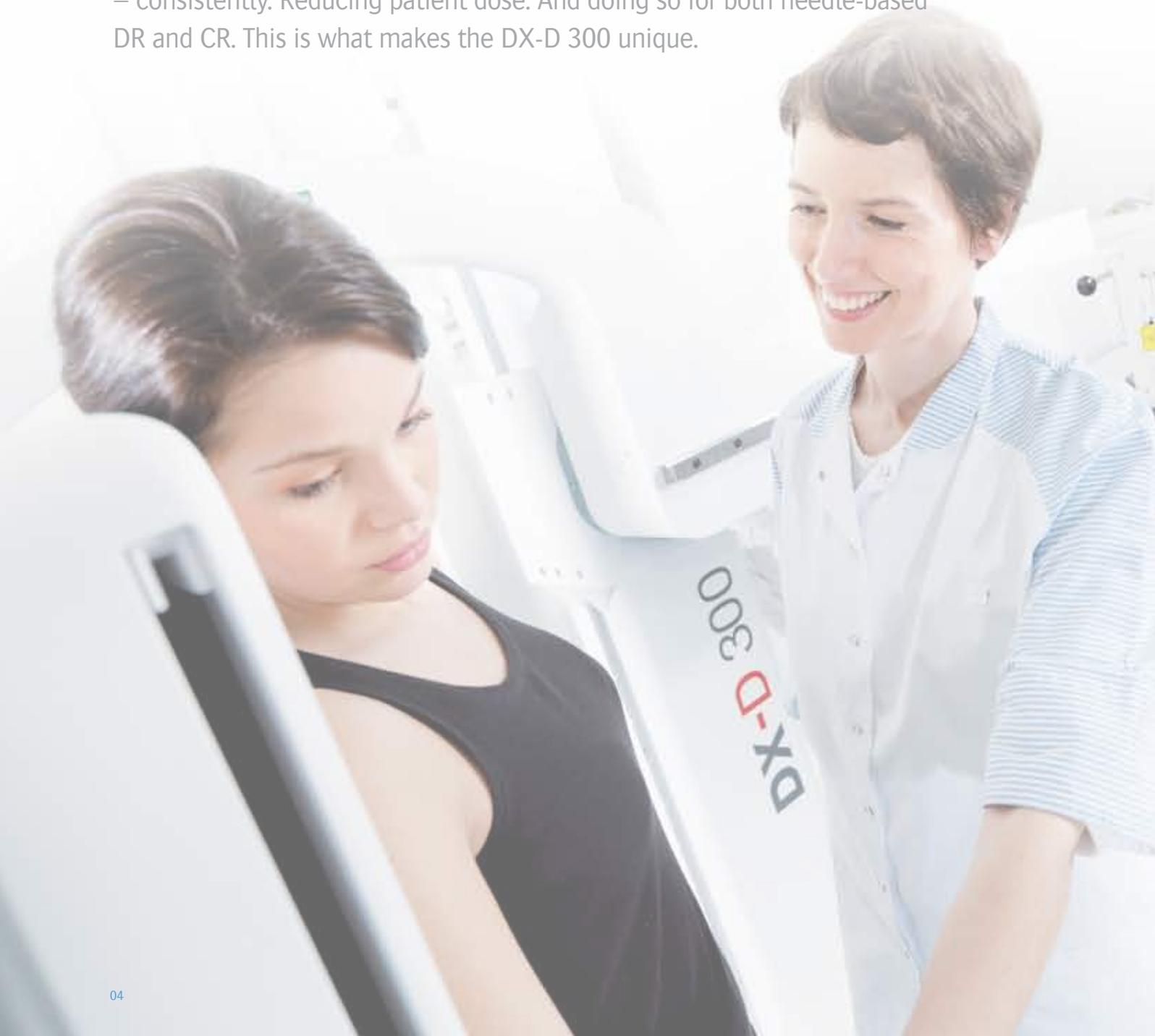
As the only imaging company today to offer needle quality in both its DR and CR detectors, choosing the DX-D 300 from Agfa HealthCare ensures that your facility enjoys a superior imaging system whether you choose DR only or a combination of both DR and CR in your drive for clinical excellence. It also provides you with a clear growth path for the future.

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

consistent

high quality imaging for DR and CR

Achieving the highest quality images, with the best definition and contrast – consistently. Reducing patient dose. And doing so for both needle-based DR and CR. This is what makes the DX-D 300 unique.



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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 for consistently reliable, 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.

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, consistently 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

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.



Maximum flexibility for universal use

A universal direct radiography system, the DX-D 300 is designed for maximum flexibility. 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 3m x 3m x 2.8m. 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.



Improved workflow performance with the DX-D 300

- Top-quality, fast, needle phosphor Cesium Iodide detector – with pixels of only 139 μm – delivers speed, quality and flexibility.
- Image Processing from MUSICA² provides excellent contrast detail. Exam-independent, this superior image quality can be traded for lower dose.
- NX Acquisition Workstation offers best connectivity with RIS/HIS/PACS and imagers, best exam presets, consistent UI CR/DR, for optimum workflow, productivity and dose.

Added CR benefits

- CR 30-X, table top digitizer for decentralized CR environment or DX-S and DX-G groundbreaking Computed Radiography (CR) solutions for exceptional image quality, speed and flexibility.
- CR Full Leg Full Spine. One-shot Full Leg Full Spine for the best 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.



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 lower dose and operator presence, results in a highly improved operator and patient experience.

Superior DICOM connectivity and integration

The incorporation of the NX acquisition workstation provides superior DICOM connectivity and integration with RIS/HIS, PACS and imagers. This gives you the choice of soft copy or hard copy outputs, and delivers a fast workflow throughout your facility and beyond.

Professional services

In addition to offering competitive maintenance contracts tailored to your needs, Agfa HealthCare can provide professional services at installation time. If required, we can help you customize your examination tree or link RIS protocol codes, for an even higher return on investment.

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

Why AGFA?

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.

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Published by Agfa HealthCare N.V.

B-2640 Mortsel – Belgium

5N3AJ GB 00200910