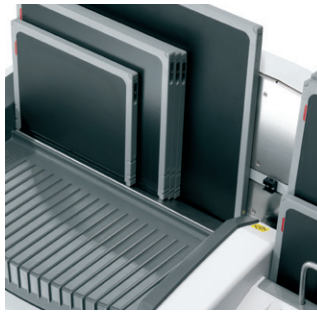
In a league of its own

DX-G – Computed Radiography from Agfa, supporting a complete range of General Radiography applications



AGFA

Excellent image quality enables a reduction of X-ray dose

When you are reviewing your CR solution, or making the transition from analog to digital, the technologically advanced DX-G from Agfa is the only solution that allows you to use standard phosphor plates and needle-based detectors and has the potential for dose reduction for all studies, including neonatology and pediatrics.

It combines excellent image quality with high throughput, delivered by a unique five cassette drop-and-go buffer, and a very fast preview. And it's all housed in a compact system comprising the top features of already proven Agfa CR systems.

DX-G is, quite simply, in a league of its own.

Supports both standard phosphor plates and needle-based detectors

A first in the world of General Radiography CR, the DX-G supports both needle-based detectors and standard phosphor plates. The needle-based detectors with their higher Detective Quantum Efficiency [DQE] offer a combination of high image quality and the potential for reduction in a patient's X-ray dose.

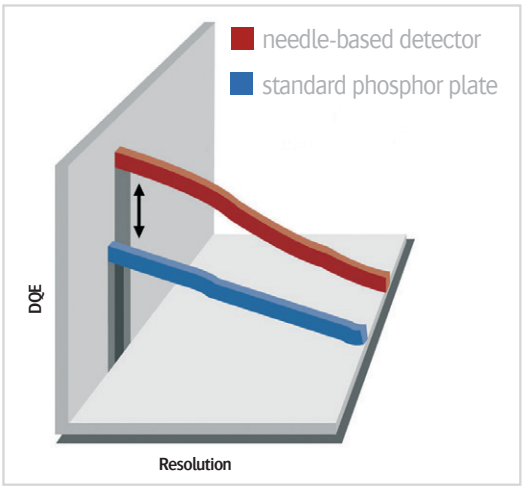
Harnesses the power of MUSICA and NX Workstation

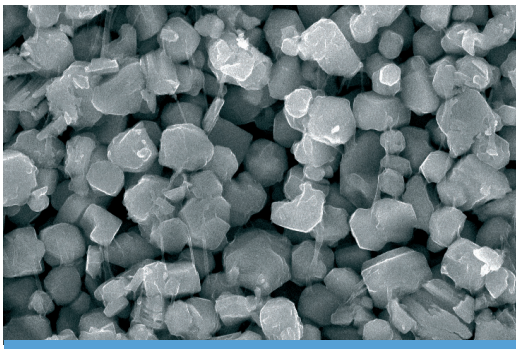
At the heart of the DX-G lies Agfa's intuitive NX workstation with the gold standard image software, MUSICA - the latest intelligent and automated image processing software for consistently reliable, high quality image visualization and the potential for dose reduction. Exam independent, MUSICA automatically 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 is required.

Places you closer to your patient

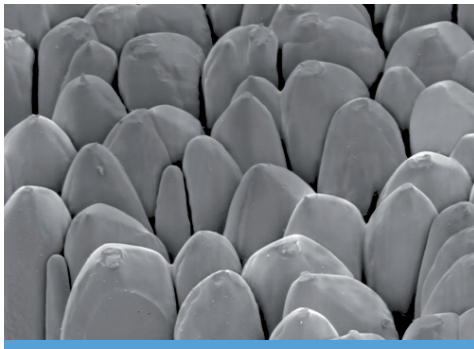
In pediatrics and beyond, the DX-G's cassette-based workflow makes it both effective and efficient. The cassettes allow easy positioning of your patient - a major advantage when working with children - and make the system ideal for portable applications, such as in neonatal intensive care.

MUSICA Neonatal Processing is optimized for the generally more difficult conditions of examining premature and full-term newborn babies. Even with the low doses appropriate for neonatal exams, or when using portable X-ray units, this processing provides optimal visualization of both lung and abdominal areas in a single image, while maintaining the required focus on bone structures.





Standard phosphor plate



Needle-based detector

DX-G – High image quality. Low dose potential. Fast workflow.

Maximizing productivity across all General Radiography applications

Comprising the very best components from already proven ground-breaking CR solutions, the DX-G is the culmination of years of Agfa R&D technologies. By building upon this excellence, the DX-G is driving the future of CR imaging.

Supports General Radiology, including Full Leg Full Spine, extremities, neonatal and pediatric applications

As yet another Agfa innovation in imaging, the DX-G supports all General Radiology applications, including Full Leg Full Spine, extremities, neonatal and pediatrics. Its use of needle-based detectors provides excellent image quality while offering the potential for dose reduction.

Eliminates waiting times and allows for a continuous workflow

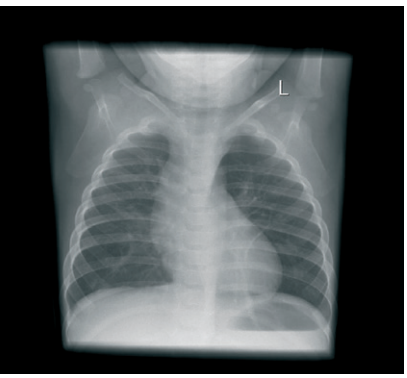
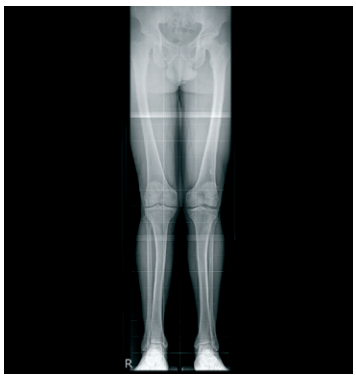
With a five cassette input and five cassette output buffer, DX-G can handle a mix of different sizes of needle-based detector and standard phosphor plates, making workflow smoother and more productive. The drop-and-go buffer eliminates waiting time and allows continuous workflow, while automatic cassette handling and the ability to switch easily between studies makes DX-G highly productive and user friendly.

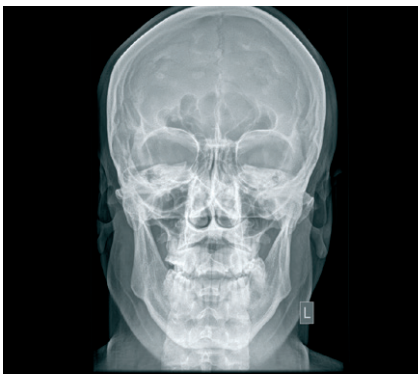
Facilitates high speed throughput

In addition to the drop-and-go buffer and continuous workflow, DX-G provides high speed throughput. The fast preview facility on the examination window of the NX workstation starts shortly after a cassette is dropped into the buffer and allows correct positioning and exposure to be determined even while the final image is in the process of being completed.

Ideal workflow for Full Leg Full Spine application

The DX-G offers a highly efficient Full Leg Full Spine capability. In the CR Full Body Cassette Holder and CR Easylift, three cassettes are exposed simultaneously. After exposure, all three are dropped together into the buffer of the DX-G. On the NX Full Leg Full Spine, the images are automatically assembled, and misalignments corrected, with minimum manual interaction.







DX-G – High image quality. Low dose potential. Fast workflow.

The benefits

Suitable for the most space-restricted environments

With space at a premium in any facility, the DX-G's 51 cm depth makes it suitable for even the most space restricted environments. Requiring no dedicated area, its footprint allows it to be placed easily in any X-ray room where it can be slotted into the smallest of spaces. Its network capability makes it ideal for supporting single or multiple X-ray rooms - facilitating both centralized and decentralized workflow.

Facilitates a seamlessly networked integrated digital workflow

The DX-G and NX workstations are just two of Agfa's broad portfolio of solution components. Designed to enable you to achieve a seamlessly networked integrated digital workflow - from patient registration on the RIS to final display of softcopy or hardcopy images - the DX-G uses well defined DICOM protocols for all steps in the digital workflow.

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.

DX-G - the benefits

- Superb image quality and potential for dose reduction
- Supports General Radiology, including Full Leg Full Spine, extremities, neonatal and pediatric applications
- Optimizes cassette-based workflow with drop-and-go buffer
- High throughput and fast preview of images
- Small footprint ideal for space restricted environments
- Optimal workflow for Full Leg Full Spine
- DICOM connectivity and integration

DX-G – High image quality. Low dose potential. Fast workflow.

For more information on Agfa, please visit our website on www.agfa.com ■

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