Delivering
mobile
imaging excellence

DX-D 100 system – Direct Radiography from Agfa HealthCare

AGFA *Agfa*
HealthCare

powerful
imaging on the move

In ICUs, emergency rooms, neonatal units and operating theatres, bedside examinations are an important part of the care process. With Agfa HealthCare's new DX-D 100 system, you can enjoy a mobile solution that is easily moved and operated by a single person, enabling you to improve the quality and efficiency of bedside imaging and streamline your workflow through full integration with your RIS/PACS capabilities.

Fully motorized, heavy duty solution

The DX-D 100 system's compact, mobile solution is a fully motorized, heavy duty solution designed to cope with the most challenging image tasks – with secondary controls on the system's arm allowing positional refinements to be made without the need to return to the main console. This enables it to be operated by just one person and allows you to stay with your patient at all times.

Superior generator power and battery capacity maximizes up-time

Designed as a fully digital unit, the battery power for the DX-D 100 system takes into account the power needs for the motor and generator separately via split battery sets. The charging of the battery sets is done through a standard power point with no special wiring required, and the system can be used while still charging, resulting in no down-time. The generator power rating is true, nominal power – not a peak value – with the resulting shorter exposure times and less motion blurs delivering sharper images.

Ergonomic and maneuverable for restricted spaces

Requiring only light pressure to the drive handle to move the system, the DX-D 100 system is easily maneuvered to any location. Its small width makes it ideal for restricted spaces and corridors. Large wheels make mounting small steps effortless.
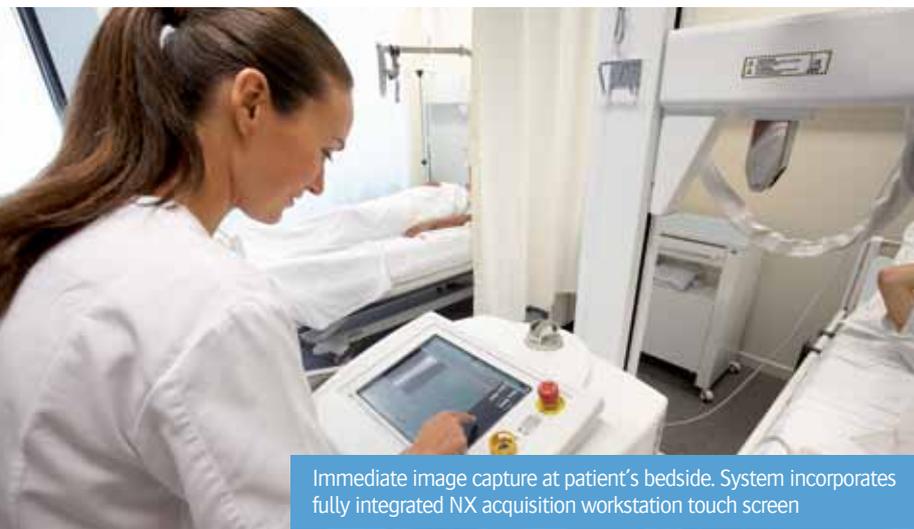
Consistently correct X-ray settings

The full integration of the DX-D 100 system's generator via the NX acquisition workstation makes specifying the appropriate dose for your study simple. Once an examination is selected on the NX workstation, the X-ray settings are automatically transmitted to the generator and displayed on the generator interface, where they can be changed easily if needed. After the exposure, the used X-ray settings are sent to the NX workstation and linked to the image for archiving.

Fully motorized for single person operation. Light pressure on handle makes movement easy

Large wheels make mounting small steps effortless

Immediate image capture at patient's bedside. System incorporates fully integrated NX acquisition workstation touch screen

Mobile: Maneuverable: Motorized — The DX-D 100 system from Agfa HealthCare

instant

high quality image capture

The DX-D 100 system uses the well-established and proven NX acquisition workstation, with its fully integrated touch screen, for both image acquisition and interfacing with the generator. With integrated MUSICA^2 image processing, you enjoy the same look and feel for CR and DR, thereby requiring minimal user training. You'll also achieve fast image capture with an exposure monitoring functionality that results in better dose monitoring and control.

High quality instant imaging

The DX-D 100 system offers instant bedside imaging via a portable DR panel. Its fast, top-quality needle phosphor detector (139 μm) means that you enjoy high raw image information from the very start.

Consistent image quality with MUSICA^2

The DX-D 100 system uses MUSICA^2 image processing, with its excellent contrast detail and intelligent and automated digital radiography image processing for consistently reliable, high quality image visualization. The MUSICA^2 software 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.

Immediate image validation

Captured images can be validated immediately after exposure, and, should a retake be required, this can be taken straight away. With up to 4000 images stored on the DX-D 100 system at any time, comparison with prior images is quick and easy. The result is that patients benefit from shorter examination times and, ultimately, less discomfort.

Secondary controls on the system's arm allow positional refinements to be made without the need to return to the main console

Light, easy to handle top quality portable detector

Mobile: Maneuverable: Motorized – The DX-D 100 system from Agfa HealthCare

immediate
image transfer and access

Immediate access to images via WiFi, where supported; information transfer at the touch of a finger; a solution built on the proven technologies of Agfa HealthCare – the DX-D 100 system maximizes the benefits of technology.

Simple wireless image transfer and network printing

Image transfer and network printing is a simple and straight forward task. Images can be sent directly to your PACS and/or imager immediately, in DICOM format, using either your WiFi connection or wired network capabilities.

From the imaging and integration specialists

Imaging and integration are our core business. In choosing the DX-D 100 system you can be confident that it is built on the same proven technologies as all Agfa HealthCare solutions. These solutions deliver top quality best-of-breed equipment, excellent productivity, competitive service and maintenance agreements. They come from a state-of-the-art, innovative vendor committed not simply to starting you on your digital journey, but helping you continue on your digital path into the future.

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 around 1000 service professionals is at your disposal to provide support at all phases of your project. As an additional service, it 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.
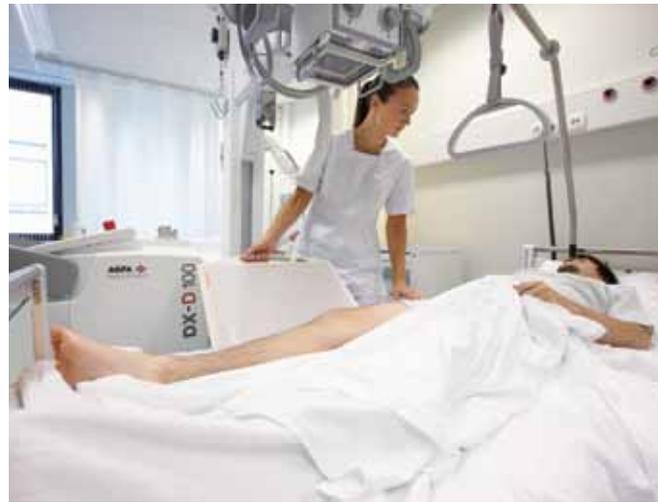
Maximum technological benefits from the DX-D 100 system

DR detectors: instant previews and leading-edge resolution (139 μm pixels)

NX acquisition workstation: very fast acquisition, superior connectivity with RIS/PACS, and intuitive user interface

MUSICA^2 imaging software: the reference in maximizing contrast-detail

X-ray equipment: reliable heavy duty system, handles the toughest workflows

Remote control and handheld switches allow you to remain close to your patient during image capture

Mobile: Maneuverable: Motorized – The DX-D 100 system from Agfa HealthCare

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 360º 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 100 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.agfa.com/healthcare

Distributed by
CAN-med Healthcare
East 1 866 277 3577
West 1 800 661 5671

www.canmedhealthcare.com

AGFA *Agfa*

HealthCare