

## DX-D 100 MOBILE DR with FreeView Technology

### Taking mobile imaging to the next level

Agfa HealthCare's FreeView™ Technology provides better maneuverability and ease of use by offering a telescoping column for an unobstructed view while driving and positioning the mobile DR system.



## Ergonomic and Workflow Excellence with FreeView Technology

With FreeView Technology, the telescopic column of the DX-D 100 can easily be lowered when transporting and positioning the system. The unobstructed view offers greater visibility and maneuverability while driving the unit. This allows the radiologic technologist to get to the patient quickly and securely, especially in critical care areas crowded with overhead equipment. The column can then be swiftly raised and positioned at the patient's bedside without the delay of slow, motorized movements.

FreeView Technology offers faster, easier positioning more reliably than common electric columns. It also requires less maintenance. With no electric motors, the DX-D 100 counter-balanced telescopic column will not contribute to battery drain and thus improves operating time versus systems that use electric motors to raise and lower their collapsing column. Secondary controls on the system's X-ray tube handles allow positioning to be refined from the patient bedside without returning to the main console. This enables efficient one person operation and decreases patient discomfort.

— FreeView Technology —→

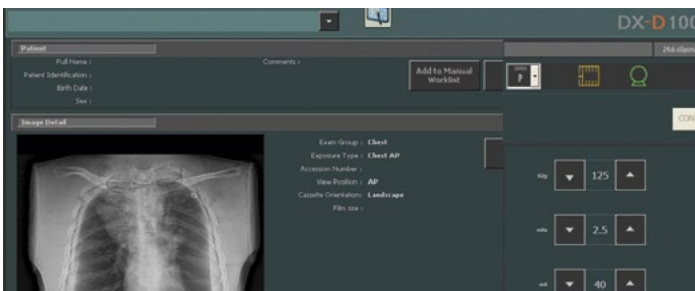


## Excellence In Image Quality and Workflow

### MUSICA Image Processing

Agfa HealthCare's MUSICA brings multi-scaled image processing to a new level of excellence by consistently showing exquisitely detailed, low noise images even at a low dose. MUSICA is applied automatically without the need for time consuming window and leveling or re-processing of images, providing outstanding workflow for both technologists and physicians. One look at MUSICA image quality and you will see that the diagnosis truly is in the details.

### NX Workstation



The next generation MUSICA and NX acquisition workstation provides you with the latest image processing and efficient image acquisition. The NX workstation is specially designed for touch functionality, with large icons and a user friendly touch screen, and an intuitive software design created by technologists to meet the demands of their daily workflow needs.

MUSICA offers you market leading image quality and up to 60% dose reduction\* with:

# MUSICA

- Exquisite detail throughout the image
- Balanced presentation of both soft tissue and overlapping bone structures
- Visualization of subtle details in the abdomen
- True representation of implants with artifact free bone interfaces
- Confident, comfortable reading without the need for time consuming window/leveling or post processing
- NX Catheter Processing increases the visibility of catheters and other low contrast, tube-like structures in general radiology images with the touch of a button.

\* Testing with board certified Radiologists has determined that Cesium Bromide (CR) and Cesium Iodide (DR) Detectors when used with MUSICA processing can provide dose reductions between 50 to 60% when compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa HealthCare for more details.

## Enhanced Dose Control, for Patient and Operator

As a leader in digital radiography dose management, Agfa HealthCare is committed to provide technical solutions that assist you in your efforts to reduce radiation dose for your patients.



### Collimator with advanced dose management features

To provide correct and consistent SID (Source Image Distance) with the laser positioning tool fixed to 1 m/40 inch. You'll find it especially useful in neonatal imaging to minimize radiation dose deviations. Use the manual filtration wheel to add extra filtration to the X-ray beam.

### Dose Area Product Meter (DAP Meter)

Enhance your dose management and reporting by adding a DAP Meter that records the actual radiation dose as it exits the X-ray tube. Data is displayed on the NX Workstation and stored/transferred in the DICOM header to PACS.

### The DX-D 100 with FreeView Technology features:



- Market leading MUSICA® image quality
- Up to 60% lower radiation dose\*
- Excellent maneuverability, easy to move and position - zero turning radius!
- RIS and PACS access directly from the DX-D 100 provides exceptional workflow and productivity
- Dual battery system with crystal lead technology resulting in 30% more operating time than the battery system in prior DX-D 100 models\*
- Available with 20, 32, 40 or 50 kW X-ray generator power
- Lightweight WiFi 14x17" DR detector that can be shared with any other Agfa HealthCare DR Room or Retrofit
- Excellence in pediatric care through dose reduction capabilities and specialized MUSICA 3 software for neonatal applications
- Small, high resolution DR detectors designed specifically for neonatal incubators/isolettes, pediatric and orthopaedic imaging applications

\*Based on Agfa HealthCare testing, actual results may vary.

## New Battery Technology Extends Operating Time

The new DX-D 100 dual battery system offers a new level of workflow efficiency with a crystal lead battery upgrade that offers 30% more battery life resulting in 30% more X-ray exposures between charging cycles\* than prior DX-D 100 models. The dual battery system helps maximize clinical operating time by powering the motor and the x-ray generator separately.

\*Based on Agfa HealthCare testing, actual results may vary.

## Enhanced Convenience and Hygiene

### Robust storage bin



The new storage bin has been redesigned to be more robust and leave more space for the detectors. We have also added bagging functionality and space for storing detector bags, and made it easier to remove the tray within the bin for disinfection.



Detector sharing between mobile, room and retrofit applications further maximizes your investment, operational flexibility and clinical uptime.



### Magnetic holders

Add the convenience of three magnetic holders that attach to the vertical column. They are ideal for a packet of gloves, bottle of hand sanitizer and pack of sanitary wipes: giving you increased flexibility and hygiene!

For more information, please contact your local sales representative.  
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[www.agfahealthcare.com](http://www.agfahealthcare.com)

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