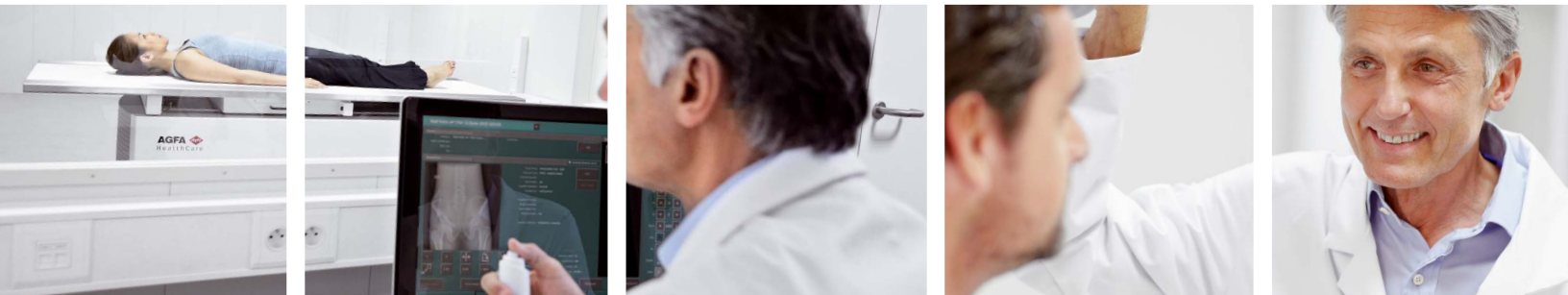


DIRECT RADIOGRAPHY

Delivering the fully
automated
digital X-ray room

DX-D 600: Direct Radiography from Agfa HealthCare



A high performance X-ray room

The DX-D 600's range of innovative, integrated features including full automation, powerful MUSICA image processing software, and high technology detectors, delivers excellent X-ray room performance.

Full automation delivers optimal study versatility and high throughput

The DX-D 600's fully automated, ceiling suspended solution offers optimal study versatility and high throughput designed to deliver a truly integrated, innovative X-ray room.

MUSICA and NX acquisition station deliver enhanced workflow

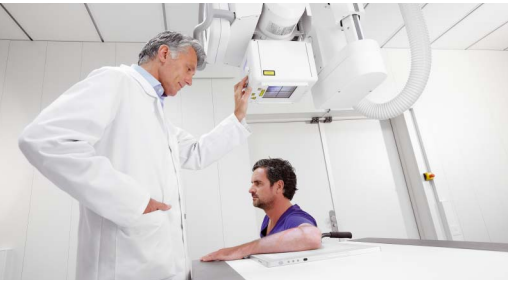
The integration of the much-acclaimed MUSICA image processing software and the NX acquisition station within the DX-D 600 solution provides fast acquisition, integrated CR/DR capabilities and excellent connectivity with RIS/PACS.

Top technology detectors

Offering a choice of fixed, portable and wireless detectors, the DX-D 600's Cesium Iodide detector technology delivers excellent image quality and fast image availability. For cost effectiveness, optional Gadolinium Oxy-Sulphide technology detectors can also be integrated to enable further price reductions.



A fully automated, ceiling suspended solution that delivers optimal study versatility and high throughput, the DX-D 600 is an X-ray room solution that delivers excellent flexibility and productivity.



DX-D 600 – Delivering high quality automated imaging

Full automation

for optimal productivity

The DX-D 600's fully automated capabilities deliver optimal flexibility and productivity.

Excellent automation optimizes productivity

The DX-D 600 provides the latest in leading-edge auto-positioning technology, fully-automated tracking and manual positioning. With quick, near zero-force manual movement in all directions, the DX-D 600 is indispensable in an emergency situation. Fully automatic move-to positioning, in combination with the pre-programmed NX exam tree, the automated MUSICA processing, and the seamless integration with RIS and PACS, enable you to achieve optimal productivity.

Automated controls facilitate ease of use and high throughput

Designed with both ergonomics and productivity in mind, the DX-D 600's automation makes it easy to steer and use – invaluable in high throughput situations. The ceiling suspended tube crane is operated through a touch screen control panel and integrated soft console on the NX monitor. By selecting a thumbnail on the NX workstation followed by auto positioning, you can control all ceiling movements. The touch screen's APR and X-ray parameters, including patient's name, help provide optimized patient care.

Additional features include LED lighting that indicates when the table or wall stand is in use, and multiple programmable parking positions to which the unit returns after each exposure.

Detector choice offers increased flexibility

The DX-D 600's choice of fixed or tethered portable DX-D 10 detector or wireless DX-D 30 detector in both its table and wall stand offers you increased flexibility across the widest range of studies.

Accurate and efficient dose management to the millisecond

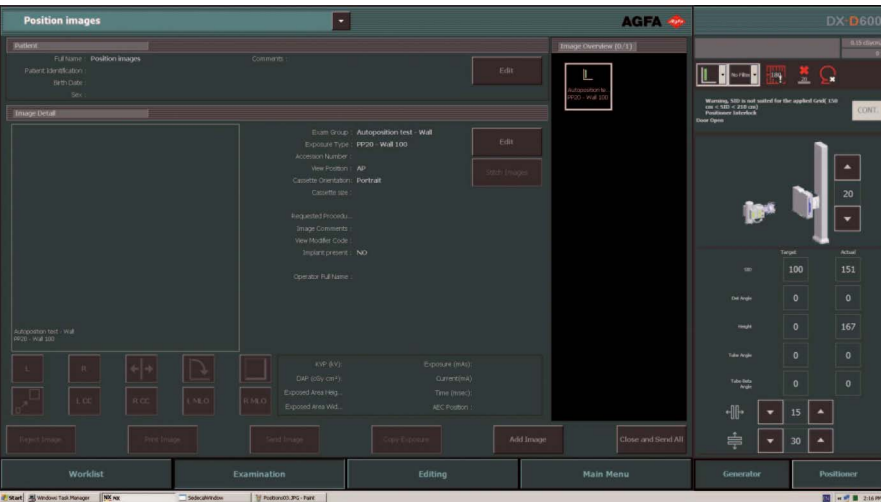
By using leading-edge solid state Automatic Exposure Control for high speed accuracy and collimators with Dose Area Product meter, the DX-D 600 aids dose management with automatically reported doses. Short exposures offered by new solid state dose sensing technology keep dose measurement accurate to the millisecond.

DR Full Leg Full Spine option

The DX-D 600's fully motorized wall bucky has vertical tracking and offers the option of DR Full Leg Full Spine. The accurate motorized movement of the wallstand and tubehead make FLFS exposures simple and fast, while automatic stitching capabilities and MUSICA quickly produce the final image with enhanced detail.

Maximum load and positioning capabilities

In terms of load and position, the DX-D 600 is ideal for the widest range of patients and study types. The radiographic table supports a patient load of up to 300 kg (660 lbs), enabling you to undertake the most logistically challenging studies. Grid sensing for both the table and wall stand alerts the operator to the grid's insertion supporting optimum exposure quality. Full motorization that offers vertical and horizontal tracking with the table bucky and two way tracking with the wall stand bucky makes positioning movement more accurate through automation.



Leading-edge automation, including the NX workstation, a choice of detectors, and maximum load and positioning capabilities including DR Full Leg Full Spine, make the DX-D 600 invaluable in high throughput environments.



DX-D 600 – Delivering high quality automated imaging

Powerful image clarity and dose management capabilities

Achieving high quality images with excellent definition and contrast, and managing patient dose, remains the ultimate goal of any imaging solution.

Top technology detectors to manage patient dose

The DX-D 600 offers a choice of CsI (Cesium Iodide) technology for high quality imaging, with dose management potential, as well as GOS (Gadolinium Oxy-Sulphide) detectors. The choice of detectors and their scalability provides a clear growth path from CR to DR.

Fully compliant with the new IEC Exposure Index Standard, the choice of fixed or tethered portable DX-D 10 detector or wireless DX-D 30 detector in both table and wall stand offer optimal flexibility of studies and, with Advanced Dose Monitoring Software, help you manage patient dose. In addition, grid sensing offers an automatic signal to indicate when the grid is inserted.

MUSICA tuned for DR

At the heart of the DX-D 600 DR system lays Agfa HealthCare's gold standard imaging software MUSICA – the latest intelligent and automated digital radiography image processing software for consistently reliable, 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 manual image adjustment improving both workflow and image quality. In addition, MUSICA provides a consistent look and feel on the CR images when the DR unit is combined with CR capture to provide extra diagnostic confidence.

MUSICA – the benefits

- Gold standard imaging software
- Intelligent and automated CR and DR image processing
- Consistently reliable, high quality image visualization
- Exam independent

The DX-D 30C digital wireless detector fits into any standard bucky tray and can be removed to provide versatility for all exams.



At the heart of the DX-D 600 DR system lays Agfa HealthCare's gold standard imaging software MUSICA – the latest intelligent and automated digital radiography image processing software for consistently reliable, high quality image visualization.

The inclusion of MUSICA image processing software and the NX acquisition station delivers fast acquisition, integrated CR/DR capabilities and excellent connectivity with RIS/PACS.



DX-D 600 – Delivering high quality automated imaging

Streamlined integration capabilities

The DX-D 600 DR system provides you with high productivity, high diagnostic capabilities and high image quality in one practical in-room solution.

Excellent DICOM connectivity and integration enhances investment

The DX-D 600's incorporation of the NX acquisition workstation provides excellent DICOM connectivity and integration with RIS/HIS/PACS and your chosen imagers. This combination offers you a choice of soft copy or hard copy outputs so that you may enjoy improved workflow throughout your facility and beyond, maximizing the value of your IT investments.

Scalable growth path for seamless migration to DR

Created by the expert imaging company that has brought you proven CR solutions, the DX-D 600 DR system offers you all the benefits of DR productivity and CR versatility. The DX-D 600's direct image capture capabilities with versatile panel formats allows you to design the room that you need for your workflow and patient demographics. With MUSICA image processing, immediate preview on the NX workstation, and a user interface with the same look and feel for both CR and DR, the DX-D 600 takes you to Direct Radiography seamlessly.

Why choose the DX-D 600 DR system?

- Excellent image quality
- Scalable rooms with flexible configurations delivering improved workflow
- Choice of CsI (Cesium Iodide) technology or GOS (Gadolinium Oxy-Sulphide) detectors – fixed full size or portable
- Unified look and feel of CR and DR images through the combination of MUSICA imaging processing software and NX acquisition station
- DR Full Leg Full Spine capability
- Fast acquisition and integration with CR and DR through the NX workstation
- Seamless DICOM integration with RIS/PACS/HIS systems



The high productivity, high diagnostic capabilities, high image quality and excellent DICOM connectivity of the DX-D 600 maximizes your investment.



DX-D 600 – Delivering high quality automated imaging

Premium quality solutions

Making the right choice of DR solution for your facility can be a challenging decision. You want to be sure that you make the best decision as it has long-term implications, both practical and financial.

Imaging and integration founded on proven technologies

At Agfa HealthCare, imaging and integration are our core business. That's why when you choose the DX-D 600 DR system, you have the confidence of knowing that it is founded on the same proven technologies as all Agfa HealthCare solutions: solutions that deliver high quality leading-edge equipment, excellent productivity and competitive service and maintenance agreements.

Professional Services optimize room performance

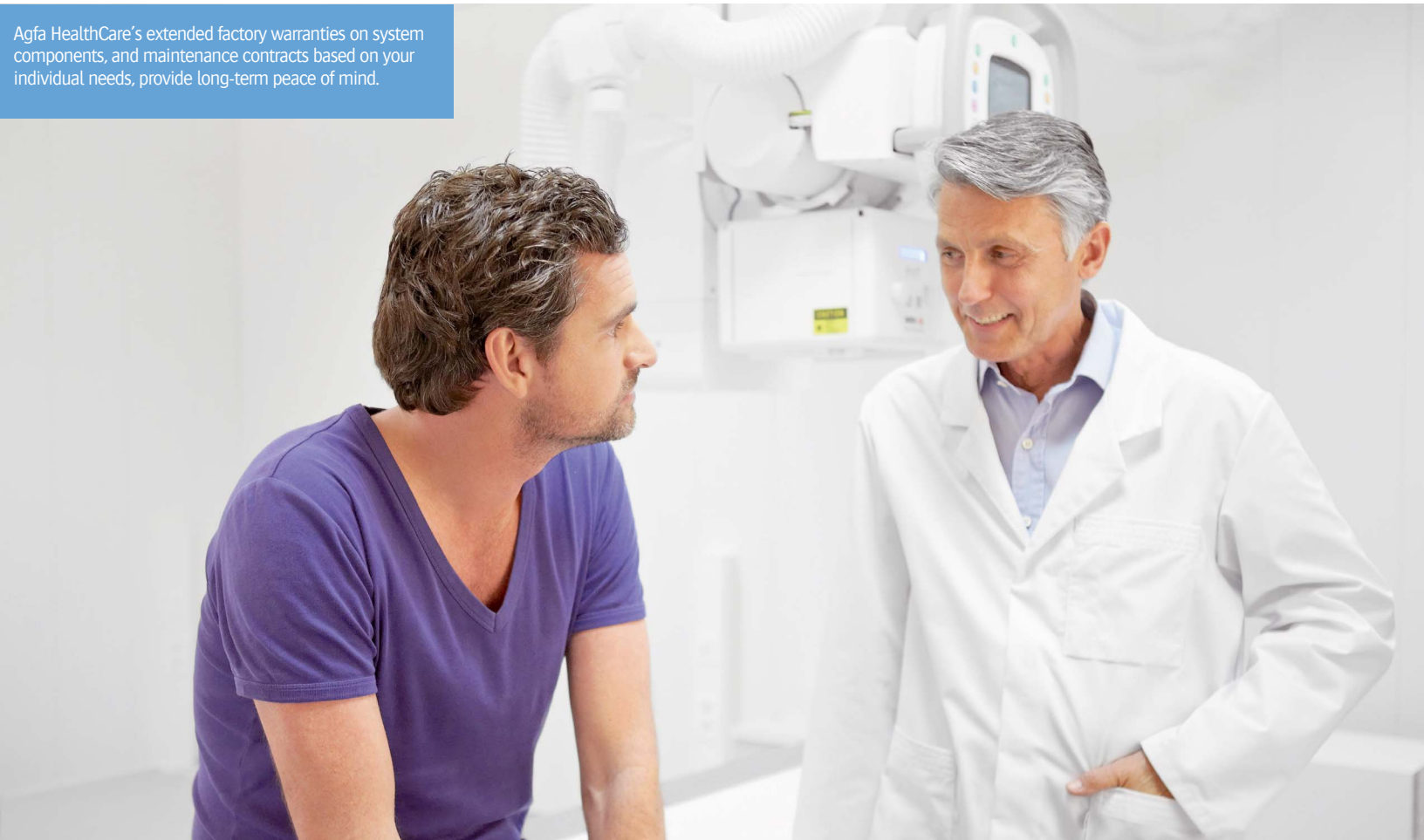
Beyond the installation and staff training involved in a DX-D 600 installation, Agfa HealthCare is ready to assist when planning your room. This helps you optimize the performance of your facility and benefit from the improved workflow and productivity for many years to come. Effective integration with your RIS and PACS – such as configuring the system to translate RIS protocol codes directly into exam tree settings – offers further workflow improvement and a swift return on investment.

Relationships for the long-term

As an established and proven state-of-the-art, innovative vendor, we are committed to long-term productive relationships that help you enjoy all the benefits of developing imaging technology. Our program of new products is specifically designed to help you continue on your digital path from CR to a full DR system.



Agfa HealthCare's extended factory warranties on system components, and maintenance contracts based on your individual needs, provide long-term peace of mind.



DX-D 600 – Delivering high quality automated imaging

Why Agfa HealthCare?

Agfa HealthCare, a member of the Agfa-Gevaert Group, is a leading global provider of diagnostic imaging and healthcare IT solutions. The company has nearly a century of healthcare experience and has been a pioneer on the healthcare IT market since the early 1990's. Today Agfa HealthCare designs, develops and delivers state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for hospitals and healthcare facilities, as well as contrast media solutions to enable effective medical imaging results.

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