

versatility

as standard

DX-D 800 – Remote controlled DR system for static and dynamic imaging



One investment: Three solutions

A solution that offers general radiography, fluoroscopy and can perform free exposures using a single detachable, tethered detector. That requires only one investment to deliver a broad range of applications encompassing all types of examinations and negating the need for additional specialist rooms. That delivers powerful image processing that affords superb image quality and a more efficient workflow.

That is the DX-D 800 from Agfa HealthCare.

Versatile fully integrated digital imaging

Comprising a wide range of features that combines unrivalled positioning freedom with workflow improvements, the DX-D 800 delivers outstanding patient and operator comfort whilst maximizing your return on investment. Equipped with the latest generation Flat Panel Detector (FPD), it offers a highly versatile fully integrated digital imaging three-in-one solution. Its remote-controlled capability, auto-positioning, 180 cm maximum Source Imaging Distance (SID) and radiation-free positioning ability all contribute to the DX-D 800's ease of use and high flexibility. In addition, the generator and digital imaging functionality are seamlessly integrated within the table control console.



Delivers a 3-in-1 solution: general radiography, fluoroscopy and free exposures using a single detachable, tethered detector.



DX-D 800 – Outstanding patient and operator comfort. Maximum return on investment.

Maximizes patient and operator comfort

Simplifies access and delivers maximum comfort through weight and auto-positioning capabilities

Capable of handling patient loads of up to 230 kg (500lbs), the DX-D 800's motorized table height adjustment and low minimum height capability simplifies access for patients with mobility issues and ensures operator comfort too.

Clear access to a 120 cm section enables patients to be transferred effortlessly from a trolley or bed. A single push of the 'Move' button positions the table for the selected procedure and ensures that the system is ready for immediate imaging. The table's capacity for varied height settings further enhances its mobility, allowing it to be adjusted to exactly the right height for your comfort while standing examinations are performed. Together, these features allow you to undertake the most logistically challenging exams while delivering maximum comfort for you and your patient.

Enhances workflow through minimal examination preparation time

The DX-D 800's touch screen and joystick control all table movements, collimation and exposure parameters, with special filtrations selected via the exam tree. Its single-touch, remote controlled user interface with table auto-positioning facility reduces examination preparation time and enables enhanced productivity through increased patient flow.

Automates processing and delivers instant imaging through single, cost-effective and proven technology detector

The DX-D 800's single flat panel detector, comprising the latest CsI detector technology offering dose reduction potential, measures 35x43 cm and can be used both in and outside the table. Detached easily by disconnecting a single cable, the DR detector can also be positioned conveniently outside the table for free exposures.

The detector's acquisition rate of up to 30 frames per second makes the solution suitable for the most demanding fluoroscopic applications and provides automatic processing and instant imaging with fast image display. Available at an attractive price, it offers great exam versatility when used both inside the table and for external free exposures.

Offers dose reduction potential through radiation-free positioning

The DX-D 800's innovative integrated video camera's visual positioning capabilities allow the field of view to be adjusted without the use of radiation before the main exposure. This radiation-free positioning reduces exam times and results in reduced patient dose.

With integrated Dose Area Product (DAP) meter inside the collimator, the DX-D 800 optimizes and automatically reports doses. Its short exposure capability maintains the accuracy of dose measurement – of particular importance for pediatric patients – while its anti-scatter grid can be removed easily for use in pediatric examinations and extremity procedures.



Offers a wide range of high tech features that delivers the broadest range of examinations through a single investment.



Removable grid for extremities and pediatric examinations.



Visual camera offers radiation free-positioning.



DX-D 800 – Outstanding patient and operator comfort. Maximum return on investment.

Delivers the most challenging exams

Facilitates uncompromised chest imaging through 180 cm SID

The DX-D 800's 180cm Source Image Distance (SID) provides the versatility to perform all imaging procedures including uncompromised chest imaging. Its rotation feature makes it highly suitable for off-table exposures as it can be positioned to facilitate standing and other difficult exams. Motorized tube column angulation, combined with manual tube rotation, provides end-to-end table-top coverage, enabling examinations of extremities to be performed without restriction. An ideal solution for trolley exposures, it alleviates the need for ancillary room equipment.

Provides full leg/full spine capabilities as standard

For studies comprising full leg/full spine imaging, the DX-D 800's positioning of the tube and detector, erect and supine imaging capability, its acquisition of up to four images, and seamless automatic stitching are all fully automated as standard. An enhanced package with more extended high level positioning measurement functionalities and extensive orthopaedic tools is also available.

Enhances versatility and workflow through optional ceiling suspended tube crane

When combined with DX-D 600, the DX-D 800 has the capability to control 2 X-ray tubes independently – making it ideal for lateral work and difficult exams. This additional facility delivers even greater versatility and workflow improvements.

Makes lifecycle costs predictable through individually tailored service agreements

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 1000 professionals is at your service 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.



Provides full leg/full spine capabilities as standard.



When combined with DX-D 600, the generator controls 2 X-ray tubes.



DX-D 800 – Outstanding patient and operator comfort. Maximum return on investment.

Insight. Delivered.

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 DR Services offers additional services to ensure the reliability and functionality of Agfa HealthCare's Direct Radiography solutions – providing peace of mind for radiologists, their staff and their patients. ■

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