

DIRECT RADIOGRAPHY

Bringing
scalable
DR solutions within your reach

DX-D 400 – Direct radiography from Agfa



Digital imaging

at your own pace

Digital solutions can be affordable and still meet the high quality standards you need. With our DX-D 400 solution we offer a complete in-room solution that is able to grow and develop as your facility changes. A solution that allows you to choose your own digital path at your own pace and that answers the need to deliver higher throughput with a lower cost per exam.

Scalability at a price you can afford

Created to meet the needs of community hospitals and private radiology practices, the DX-D 400 enables price-sensitive customers to join the drive to go digital. Its versatile floor-mounted radiography system enables you to go from film to computed radiography (CR) to direct radiography (DR) – at your own pace and budget.

Capable of integrating with other elements of your existing system with little adaptation, the DX-D 400 offers multiple digital configurations, ranging from a CR-based solution, to a single detector DR system, to a comprehensive multi-detector DR system. By enabling you to tailor your solution to your individual needs, you can address image quality, workflow improvements and functionality at a price you can afford.

Floor mounted for ease of installation and use

The DX-D 400's floor mounted system comprises a radiographic table with integral floor guide rail and a wallstand. Requiring little room preparation, it is easy to install and, at just 4m x 2m in size, needs limited space. Complemented by a choice of generators and tubes, this compact in-room solution requires only a single person with minimal training to operate it making it highly cost-effective.

Supports additional or existing Agfa CR for optimal versatility

The combination of DR with additional CR systems enables the capture of all general radiography examinations and complex studies such as single-shot CR Full Leg Full Spine with high image quality.

Moreover there is a solution for every budget. When moving from film to CR, you enjoy a choice of powder phosphor plates or needle phosphor detectors. For the transition from CR to DR, detectors using either Gadolinium OxySulphide (GOS) or Cesium Iodide (CsI) technology – are available.



Built around leading-edge solid hardware, DX-D 400 secures your investment and provides excellent uptime and reliability.



Floor mounted for ease of installation and use requiring limited space.



DX-D 400: Join the drive to go digital

Proven leading-edge

components

Built around leading-edge solid hardware the DX-D 400 secures your investment and provides excellent uptime and reliability as well as a low total cost of ownership. Flexible configurations, from basic analog to fully digital, allow you to select a solution tailored to your specific needs.

Generator

- Choice of generators ranging from 32 kW to 80 kW- higher powers enable imaging of heavier patients with shorter exposure times for even sharper images
- Solid state AEC delivers faster switching and highly accurate exposures

Collimator

- Manual and automatic versions provide options for all budgets

Tube

- Choice of tubes at different levels of heat capacity
- Effortless column motion facilitates the most complicated views
- Practical and easy to manipulate tubehead controls
- Digital tubehead display provides precise measurements of SID and angulations
- Compact, floor mounted tube column enables low-cost installation

Table

- Robust and user friendly for both operator and patient
- Double touch foot switches support safe operation Radiographic table offers both elevating or non-elevating function
- Handles patient weight up to 350 kg (non-elevating) and 280 kg (elevating)
- Bucky tray's horizontal movement aids patient positioning
- Radiographic accessories such as lateral cassette holders and compression belts can be attached to the table top easily

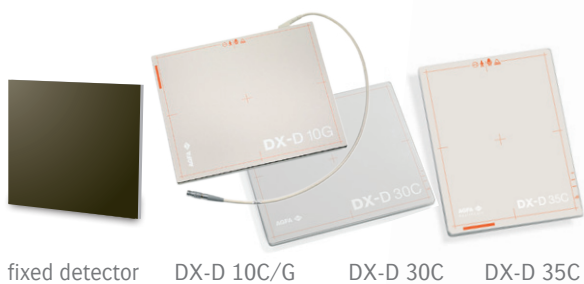
Wallstand

- Counter balanced wall stand with optional tilting function provides smooth, uncomplicated movement
- Minimum 40 cm bucky height enables all standing knee exams



Detectors

Choice of fixed built-in DR detectors or DX-D 10G/C or wireless DX-D 30C cassette-sized panels fitting into all bucky sizes.



fixed detector DX-D 10G/C DX-D 30C DX-D 35C



Digitizers

Any Agfa CR digitizer can be added as your acquisition device for greater versatility...



CR 10-X

CR 30-X

CR 30-Xm

DX-G

DX-M*

* DX-M with CR Mammography application is not available in the US.

DX-D 400: Join the drive to go digital

Empowered by

MUSICA

intelligent image processing

MUSICA image processing software enhances DR image quality

As a digital radiography system developed to address your most demanding productivity requirements, the DX-D 400's streamlined working procedures are enhanced by the inclusion of MUSICA software. Specially adapted and tuned to enhance DR image quality, Musica is body-part independent and provides excellent contrast detail. This provides consistent image quality and improves the basis for efficient diagnosis.

Excellent workflow, connectivity and integration capabilities

The DX-D 400 solution harnesses the power of both MUSICA with the NX workflow to provide immediate previews that reduce time between exposures and thus deliver a higher rate of throughput. This results in a lower cost per exam and allows patients to be released more quickly.

In addition, the DX-D 400's intuitive and common user interface and unified look and feel for both DR and CR images eliminates time-consuming training. The DX-D 400's capacity for integrating with CR/DR provides excellent connectivity with RIS/HIS/PACS and imagers and gives you the choice of soft copy or hardcopy outputs.

High quality detector technology

The DX-D 400's use of high level quality image processing and needle detector technology delivers lower image noise and the smallest pixel size available for a full size detector (DX-D 30C). So each image contains more image information for use in diagnosis.

Taken all this together, the DX-D 400's ability to reduce patient waiting time, excellent image quality and ease of use results overall in a highly improved operator and patient experience.

Agfa's acquisition devices are available and can be tailored with:

- A broad range of DR detectors
- Any Agfa CR digitizer – CR 10-X, CR 30, CR 30-Xm, DX-G, DX-M* – can be chosen as your acquisition device for greater versatility.



DX-D 400 can be configured with DX-D 10G/C, DX-D 30C or the more compact DX-D 35C detector.



DX-D 400: Join the drive to go digital

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

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