

It only takes an
instant
to go DR

DR Retrofit: no limits to retrofitting your X-ray department
with DR AED detectors



Maximize

your existing investments

With Agfa HealthCare's vendor neutral DR Retrofit solutions, you can easily upgrade your existing X-ray modality to direct radiography (DR) while protecting your current investment. From X-ray rooms to mobile analog units, it only takes a moment to go DR!

Migrating to DR technology gives you all the benefits that immediate, high-quality images provide. But replacing your existing equipment is costly. With DR Retrofit, you have a smart, seamless and budget-friendly path to capitalize on the advantages of going DR.

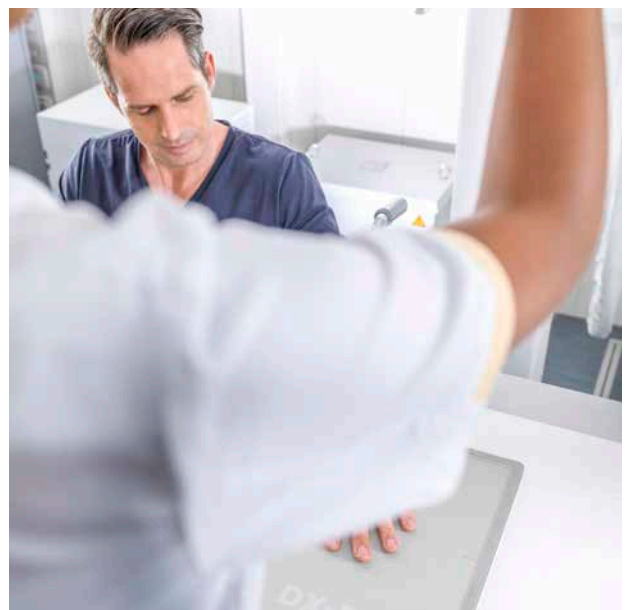
Both your mobile and stationary X-ray systems – including standard Bucky tables, floor stands and neonatal incubator trays – can become high-productivity DR systems, giving you a cost-effective way to implement DR technology throughout your departments.





WHY EMPOWER YOUR X-RAY DEPARTMENT WITH THE DR RETROFIT?

- An affordable upgrade to DR and leveraging of your investment for the long term
- Excellent MUSICA DR image quality
- Cassette-less DR workflow
- Dose reduction potential through Cesium Iodide (CsI) wireless detectors*
- Easy to install and service
- Wireless detectors that are ideal for mobile use



No compromises High image quality at a lower dose

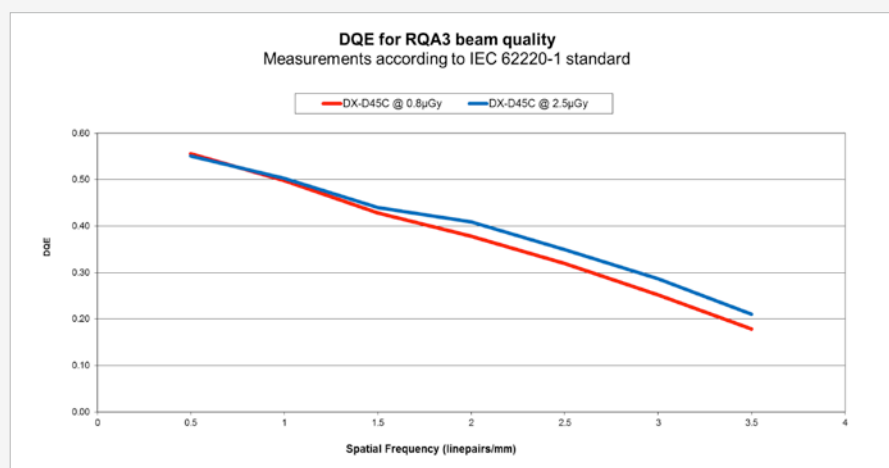
The DR Retrofit is all about versatility: you decide which wireless detector – Cesium Iodide (CsI) or Gadolinium Oxy-Sulphide (GOS) – best meets your exam and budget requirements. Both detectors give you exquisite image quality with our industry leading MUSICA image processing software, and CsI detectors offer the potential for radiation dose reductions of 50 to 60 percent depending on conditions*.

What's more, the high Detective Quantum Efficiency (DQE), even at low dose and high resolution, makes these detectors especially suited for examinations where dose reduction matters most, for example pediatrics and neonatology.

The Dose Monitoring tool provides the ongoing exposure monitoring that is key to controlling dose. Dose Area Product (DAP) meters are also available as options.

CONSISTENT IMAGE QUALITY, GREATER DETAIL

The DR Retrofit solution comes with our automatic, intelligent, body part-independent MUSICA image processing, which has been specially adapted and tuned to enhance DR image quality. MUSICA analyzes image data for bones and soft tissue separately, eliminating the need to compromise on either contrast or density. The resulting image quality shows greater detail and allows you to extract diagnostic information quickly, without any time-consuming manual adjustment of the image. This increases productivity and reduces examination times for faster patient turn-around.



DQE measured according to IEC 62220-1 standard: Comparing DQE at RQA3 beam quality at 2.5µGy (standard dose) and 0.8µGy (low dose) of CsI DR detector: DQE remains high even at the high resolution and at low dose



Size: 12x10"
(30x25 cm)

Size: 14x17"
(35x43 cm)

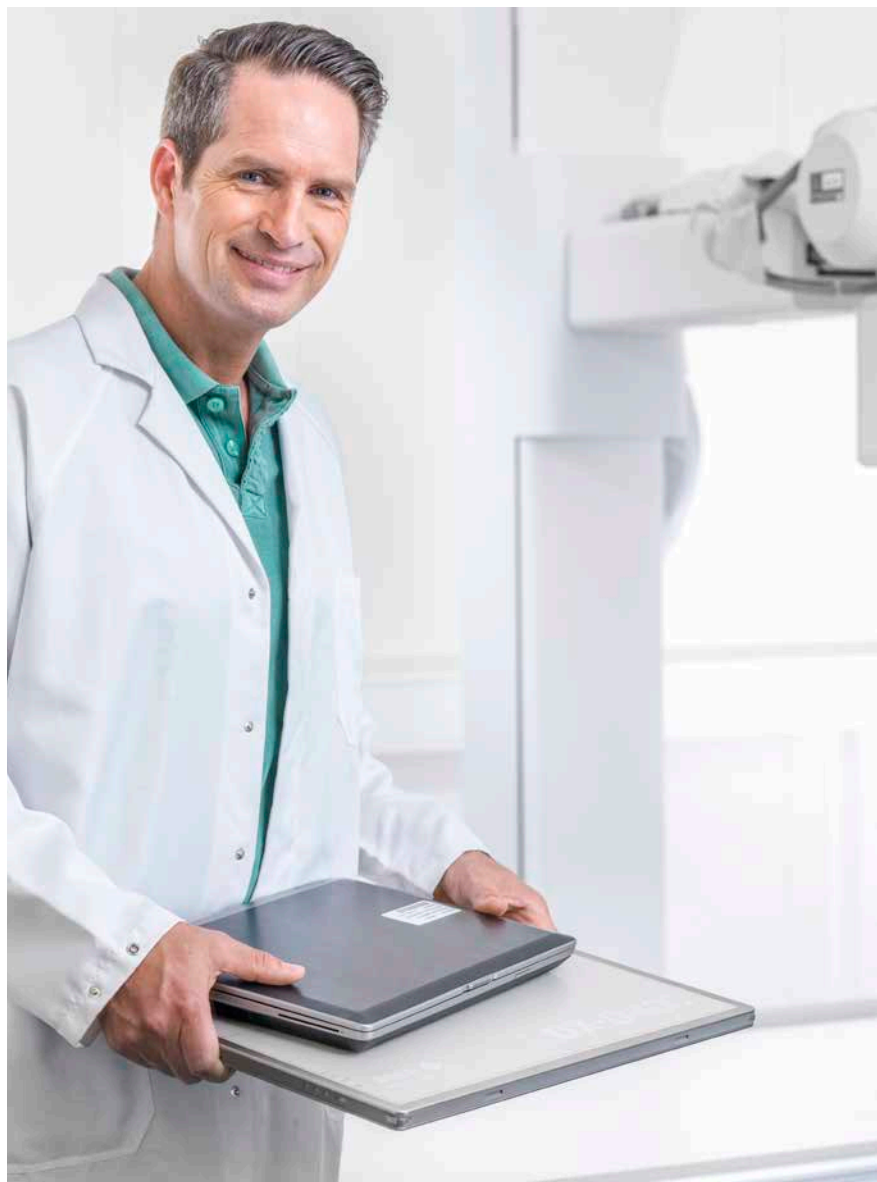
The detectors come in two sizes: 12x10" (30x25 cm) and 14x17" (35x43 cm). Fitting into standard Bucky trays, they can be easily removed for maximum versatility in all exams, patients and applications. The smaller detector fits into incubator trays.

YOUR DR UP AND RUNNING – FAST!

DR Retrofit comes with wireless, cassette-sized detectors that get your DR solution up and running in no time! The Automatic Exposure Detection (AED) eliminates the need for an electrical connection to the X-ray system, so you can use it seamlessly with virtually any X-ray system, right away. You can maximize your existing investments, while opening up new possibilities and perspectives, with a cost-effective solution that helps you meet your goals.



A LED status indicator can be easily mounted in the X-ray room, making the detector status visible from far away.



DR DETECTORS: EASE OF USE AND MAXIMUM PRODUCTIVITY

Investment of DR detectors can be leveraged for use in future DR systems.

The lack of cables enables wireless detectors to be switched easily. Their compact design and light weight make them easy to transport.

DR where you are: ultra-mobility

The DR Retrofit delivers ultra-mobility for your mobile X-ray units: the AED technology and standard wireless communication can reduce the most basic configuration to just a DR detector and a laptop, while the transportable MUSICA DR suitcase makes transporting a breeze.

You have cable-free, wireless, fully DR image acquisition instantly combined with an existing or new X-ray source. Both laptop and detector are battery-powered, so they don't require a power outlet. And you can share the DR imaging system with multiple X-ray systems, maximizing your investment.

Non-invasive, smart, seamless and budget-friendly, with this platform, your mobile radiography systems can be upgraded or retrofitted to ultra-convenient DR in a snap – without replacing your existing equipment.

A SMOOTH OPERATOR

The DR detector with AED panel, the image acquisition workstation, the MUSICA image processing software – all come together to create a smoother workflow and simple connectivity. Functionalities like AED, an intuitive user interface offering access to a host of tools, and intelligent digital X-ray image processing help you enhance productivity and ease of use.

The DR Retrofit solution also offers excellent image quality without the need for time-consuming post-processing and direct connectivity with any RIS/PACS/HIS via the image acquisition workstation. And because the intuitive MUSICA workstation is easy to use, minimal training time is required, enabling you to be operational in just a day.

Mobile DR Retrofit for Siemens Mobilett



Mobile DR Retrofit for GE-AMX



A handle can be mounted on the 14x17" detector, for even easier transport and handling.



Transportable MUSICA DR Suitcase for 10x12" detector and laptop empowered with MUSICA workflow.

FIRST CLASS SERVICE

Enjoy peace of mind with Agfa HealthCare's first class service support. Service agreements are available for simple phone and parts support through to advanced service level agreements that

make lifecycle costs predictable. You can rely on our worldwide team of 1900+ service professionals and authorized dealers to keep your new DR Retrofit solution running just as hard as you do.

About 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. ■

www.agfahealthcare.com

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

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