

AGFA
RADIOLOGX
SOLUTIONS

DURAMI®

Durable mobile imaging with wireless detector family

AGFA

When Imaging is needed at the speed of life.

Not all patients who need imaging exams have the mobility to move to an X-ray room. So, if a patient can't get to imaging, imaging must come to the patient!



Imaging made easy

DURAMI® is your compact mobile imaging system that makes bedside and ICU imaging convenient and cost-effective. Quickly maneuver it down narrow corridors, set it up right where you need it, and give your patient a comfortable imaging experience. The powerful X-ray generator and excellent Direct Radiography (DR) quality, including MUSICA® image processing, provide exceptional cost-effectiveness and performance. Adding SmartRotate™ puts Agfa's proven imaging expertise into play, automatically and intelligently presenting images ready for viewing.

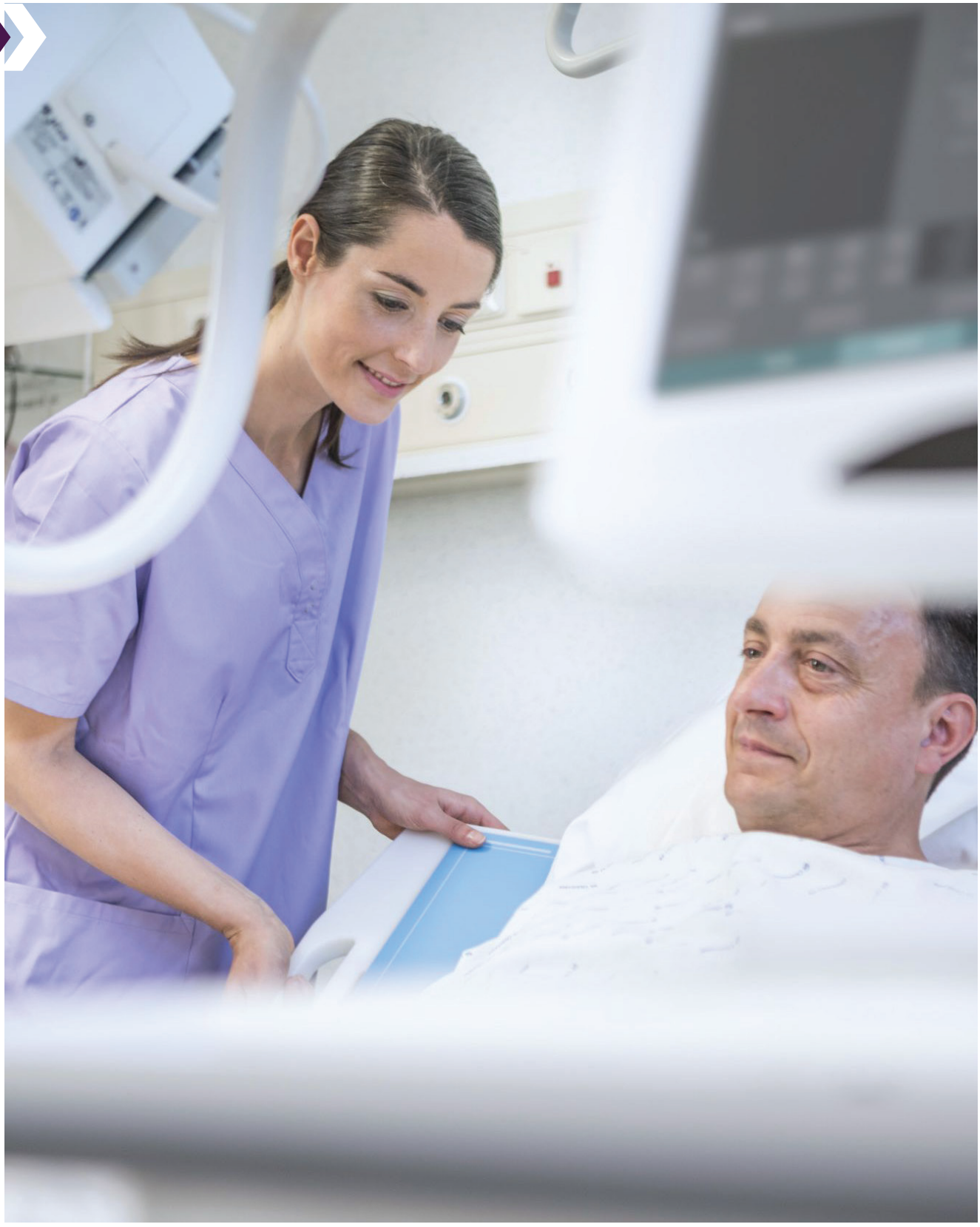


DURAMI® is your compact mobile imaging system

- Affordable and easy-to-use X-ray solution
- Comfortable imaging experience for patient and operator
- Short exposure times and fast assessment of images after exposure
- Outstanding image quality and dose reduction potential
- SmartRotate™ (optional) enhances productivity by reducing postprocessing actions
- Seamless connectivity with PACS, HIS/RIS and imagers
- Wireless detector for improved flexibility and infection control
- Your path to Direct Radiography at your own pace

Improved comfort

With its lightweight design and compact size, DURAMI® offers improved comfort for patients and operators alike





Choice of digital detectors

With the digital version, you choose your digital detector depending on your needs. The detectors come in different sizes, the smallest of which fits into any incubator tray. They are all based on the latest Cesium Iodide (CsI) scintillator technology, which also offers the potential for dose reduction[1].

Easy maneuverability for challenging tasks

Agfa's DURAMI® is specially designed for the confined spaces and hallways of hospitals and clinics. Easily maneuvered to virtually any location, its narrow width makes it ideal for the limited room in the ICU or around a patient's bedside. The tube head's vertical extension enables imaging at nearly any bed height, making DURAMI® an accessible option for virtually any setup.

Wireless mobility offers improved flexibility

DURAMI® comes with the Dura-line™ detector series wireless flat panel detector. It provides excellent flexibility, improving your overall workflow. Wireless detectors offer a hygienic solution because no cable cleaning is required making the DURAMI® suitable for ICU, pediatrics and neonatal areas.

Direct Radiography, on the go!

With DURAMI®, you can enjoy the productivity benefits of DR, including a lower cost per exam. Captured images can be validated almost immediately after exposure; should a retake be required, it can be made straightaway. The efficient image acquisition, preview and finishing requires less exam time, with improved operator productivity and patient comfort.

Specialized for Neonatal Imaging

DURAMI® comes with an optional Neonatal Imaging package which includes dedicated Dura-line™ detector (10"x12") size to fit in easily within the neonatal care bucky along with intuitive tools like catheter processing for visualization of structures like tubes & catheters avoiding the need ofmultiple exposures, neonatal image processing tool for maintaining image quality while reducing the radiation dose & dose monitoring tool for maintaining consistency in radiation dose efficacy.

Duraline detector series

- The XD 10 detector size fits into incubator bucky trays, making them convenient for neonatal and pediatric imaging, as well as for extremities & special examinations
- The XD 14 detector size is ideal for pediatrics, extremities and special examinations.
- The XD 17 detector size can handle all GenRad examinations.
- Wireless, high-resolution, AED detectors that work with virtually any conventional or mobile X-ray equipment
- 3 Wi-Fi antennas provide fast and reliable communication
- Cesium Iodide scintillator that delivers optimum image quality and potential dose reduction4
- Choice of one battery (7.5 hours of operation) or two (maximum 15 hours of operation)
- A robust design that enables 1-metre drop height, and operation at temperatures of 0-40 °C
- WPA2-PSK cybersecurity to protect patient data

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[1] 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 for more details.



High performance

With Agfa's DURAMI®, you don't have to choose between convenience and quality: you get the fast, high-quality imaging needed for diagnostic confidence.

High image quality and dose reduction potential

The 'gold standard' intelligent MUSICA® image processing has been specially adapted and tuned to further enhance the excellent DR image quality. Exam-independent, it provides consistent image quality and high contrast detail. Time after time, the excellent image quality also promotes significant dose reduction without the need for manual adjustments when using CsI detector technology – which is especially desirable for pediatric and neonatal environments.

Efficient connectivity

Agfa's DURAMI® communicates seamlessly with your PACS, HIS and RIS, eliminating manual data entry that may result in typographical errors. Images can be sent directly to your PACS and/ or imager, in DICOM format, using either your WiFi connection or wired network capabilities.

A full range of applications

DURAMI® lets you make, process and view X-ray images of the skeleton, chest, abdomen and other body parts on adult, pediatric or neonatal patients, enabling you to optimize your investment and productivity.

High-frequency generator

Agfa's DURAMI® is equipped with 200 kHz HF X-ray generator with power of 4 kW & 100 mA Tube. This high and effective generator power results in low ripple effect, consistent high-quality exposure, short exposure times and sharp images.

From the Imaging and Integration Specialist

Imaging and integration are our core business. You can be confident that it delivers top-quality, best-of-breed equipment, from a state-of-the-art service providers committed to using innovation to address the real needs of hospitals and healthcare facilities.

Backed by proven experience and commitment

Service agreements are available in Basic, Comfort and Advanced levels, making lifecycle costs predictable. A worldwide team of some 1000 service professionals is at your disposal 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 staff training, super user training and software upgrades.

XR SMART ROTATE

SmartRotate™ offers a 'helping hand'

With SmartRotate™ (optional), the image is presented ready for viewing, directly and automatically. It uses a Deep Neural Net to identify the image content, and then rotates it to ensure proper positioning. With fewer manual post-processing actions to take care of, the operator saves time and can focus on imaging – not adjustments. What's more, the consistent presentation of the images in the PACS enables better comparison with priors.



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