



AGFA
RADIOLOGY
SOLUTIONS

CR 15-X

Choose optimum versatility

Versatile, high image quality and cost-effective
Computed Radiography offering substantial dose reduction

When you go digital, you want a solution that does things your way. A solution that is versatile and flexible. That offers high image quality and substantial dose reduction* of up to 60% when used with cesium needle-based detectors. That is compact and fast, and supports a complete range of applications. That eases workflow and lets you keep your full focus on patient care, with SmartRotate, an artificial intelligence plug-and-play tool that automatically presents images ready for viewing, independent of cassette orientation. All while allowing you to define your own workflow and adapt it whenever you want, quickly and easily. That's the CR 15-X.



- > Dose reduction for all studies such as pediatrics, neonatal, FLFS.
- > MUSICA automatically analyzes the characteristics of each image and optimizes processing parameters - independent of body part and dose deviations.
- > SmartRotate enhances productivity and keeps the focus on patient care, with automatic, 'always right' patient-positioning and cassette orientation, and every image presented ready for viewing, directly and automatically.
- > For a broad range of digital radiography applications.



Speed, flexibility and quality

Discover how this ingenious modular yet robust solution is your optimum choice in digital imaging

Built on proven Agfa technology, the tabletop CR 15-X uses a new, simple and smart design that gives it the flexibility to meet your evolving needs – in imaging and in workflow. Sounds expensive? Get ready to be surprised by this cost-effective answer to your digital imaging requirements...

Define your own workflow

Designed to address the diverse needs of decentralized general radiography environments, private practices, small clinics, general orthopaedic and chiropractic offices, the CR 15-X allows you to optimize your choice of throughput versus

resolution. Delivering up to 102 plates per hour (depending on cassette size and resolution), with the CR 15-X you can choose your preferred resolution for each examination, placing you firmly in control of how best to optimize your workflow.

Up to 60% dose reduction*

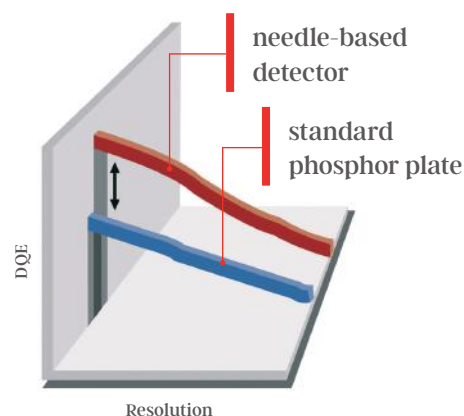
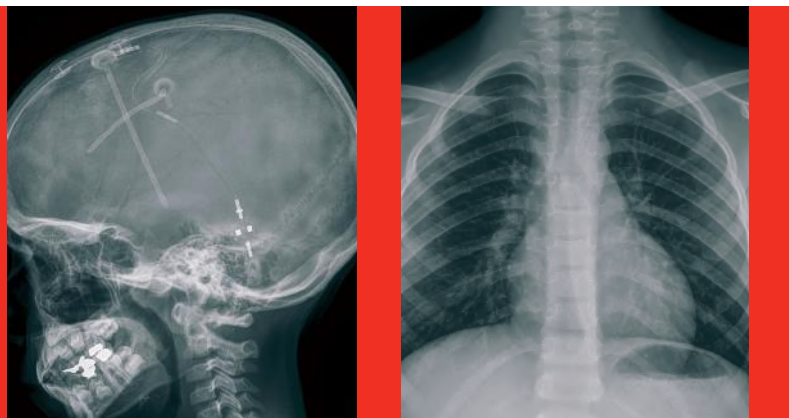
By supporting both standard phosphor plates and needle-based detectors, CR 15-X unites complete convenience with top image quality, while leveraging the radiography department's existing investments. With standard phosphor plates, CR 15-X delivers excellent image quality.

When used with cesium needle-based detectors, however, the CR 15-X provides superb image quality and offers substantial dose reduction of up to 60%.

No compromise on image quality

The CR 15-X's use of MUSICA image processing delivers high image quality. MUSICA automatically analyzes the characteristics of each image and optimizes processing parameters – independent of body part and dose deviations. The result is minimal retakes, re- or post-processing and no body part dependent configuration or customization required. In addition, MUSICA provides a consistent look and feel on the CR images, when combined with Agfa's DR system, providing extra diagnostic confidence. Because MUSICA is completely automated, and does all the calibration and processing, there is no lengthy training required and technical experience is not necessary. Furthermore, SmartRotate is available with the CR 15-X, putting Agfa's proven imaging expertise into play by automatically presenting images ready for viewing.

* 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.



Versatility and seamless integration

Making your existing solutions work harder for you is a driving force in today's economically challenging environment. With the CR 15-X's versatility and integration delivering increased workflow, you will maximize your return on investment.

Versatile and cost-effective multiple study capabilities

Suitable for general radiology, orthopaedics, chiropractic and full leg/full spine applications, the CR 15-X's broad range of application capabilities – thanks to its four different cassette sizes – makes it highly versatile and cost-effective. With this single product capable of delivering multiple applications, investment is kept to a minimum while workflow is eased.

Ideal for space restricted environments

The CR 15-X's table top footprint makes it ideal for space restricted areas. With additional fitments, it can be integrated easily as a mobile unit into cars, vans, trucks or other mobile facilities.

Low total cost of ownership

Total cost of ownership is a key measure when choosing new solutions. The CR 15-X's simple, modular, component-based design makes installation fast and easy. Weighing in at just 31 kg, it can be handled by a single person. Special LED technology in the erasure unit means the CR 15-X requires low power, making standard electrical outlets sufficient, while mobile installation is easily achieved via a converted connection to your vehicle's battery.

Priced for the cost-conscious

The simple yet smart new design concept of the CR 15-X creates an affordable entry to the digital radiography environment. By addressing your need for both workflow efficiency and resolution, it is the ideal choice for the cost-conscious organisation.

Networking capabilities deliver seamless integration

The CR 15-X is fully DICOM compliant, making integrating the digitizer with other solution elements quick and easy.

Delivering a complete solution

The CR 15-X, when combined with the MUSICA workstation, the DRYSTAR 5302 hardcopy imager and/or the SE Suite software, delivers a complete CR solution at an affordable price. The DRYSTAR 5302 with dry film offers a reliable and flexible hardcopy solution. The SE Suite software is a multi-modality solution for diagnostic viewing, reporting and archiving of medical imaging data and provides seamless integration.



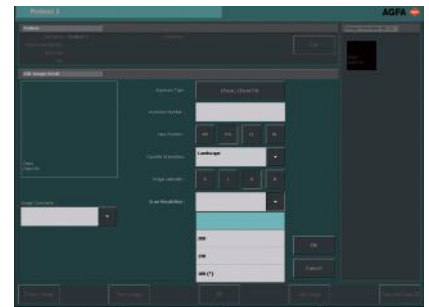


Artificial Intelligence for the right view, automatically

SmartRotate puts Artificial Intelligence into the hands of the technologist and radiographer during patient positioning. With SmartRotate the cassette orientation is always right – which helps to provide more efficient, consistent and patient-centered care. Images are presented ready for viewing, directly and automatically. This ‘plug and play’ feature uses a Deep Neural Net to identify the image content, and then rotate it correctly. With fewer manual post-processing actions, the operator saves time and can focus on imaging - instead of adjustments. What’s more, the consistent presentation of the images in the PACS enables better comparison with priors.



A solution that offers up to 60% dose reduction when used with cesium needle-based detectors.



Choose your preferred resolution for each examination.

The CR 15-X, MUSICA workstation and SE software suite deliver a seamlessly integrated solution.



CR 15-X and DRYSTAR 5302 – the perfect combination.

Short installation times. A modular design that facilitates maintenance. Minimal intervention due to robust yet streamlined design. Looking after the CR 15-X is fast and easy.



The CR 15-X's simple design makes installation fast and easy. Its horizontal cassette insertion prevents dust and dirt being introduced into the system.

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Get up and running quickly

Fast and simple service and maintenance

The modular technology within the CR 15-X shortens installation and service time. Its single slot cassette and plate handling uses only two motors, resulting in minimal intervention. Covers, modules and parts are easy to replace, with a single tool making service and maintenance fast and simple. In addition, smartcard technology (USB) stores the up-to-date site-specific settings and service information. This simplifies access to service data and on-site replacement.

A robust and reliable solution

The CR 15-X's streamlined yet robust design, comprising minimal moving parts, means it can withstand harsh environments and temperature changes. Its horizontal cassette insertion prevents dust and dirt from being introduced into the system.

A choice of service agreements

Agfa 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 some 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.



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