



**AGFA**  
**RADIOLOGY**  
SOLUTIONS

# CR 12-X Strike the perfect balance

Affordable and efficient Computed Radiography

An affordable entry into Digital Radiography that places you in complete control. One that allows you to make your own decisions when balancing the need for speed versus resolution - without compromising on image quality. 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. That enables you to adapt and adjust your choice on a study-by-study basis and harness the power of Agfa's MUSICA imaging processing software. That is the CR 12-X.



**MUSICA automatically analyzes the characteristics of each image and optimizes processing parameters – independent of body part and dose deviations.**

With SmartRotate, patient positioning and cassette orientation are always right, and every image is presented ready for viewing, directly and automatically. The technician and radiographer can put their full focus on patient-care, while enhancing productivity.



# Balance, speed and resolution

## Define your own workflow

Designed to address the diverse needs of private practices, small clinics, general orthopedic and chiropractic offices, the CR 12-X allows you to optimize your choice of throughput versus resolution.

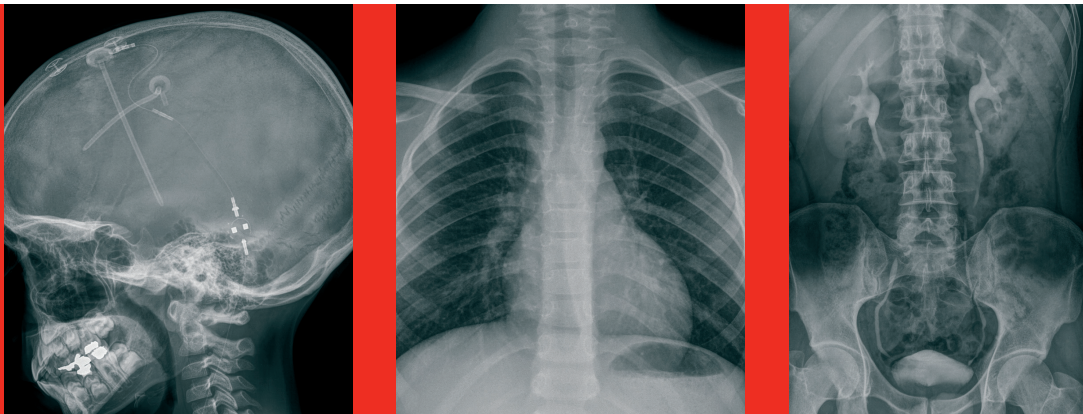
With a cycle time of 60 seconds depending on resolution, the CR 12-X allows you to choose your preferred resolution for each examination, placing you firmly in control of how best to optimize your workflow.

## Priced for the cost-conscious

The simple yet smart new design concept of the CR 12-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 organization.

## No compromise on image quality

The CR 12-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 12-X, putting Agfa's proven imaging expertise into play by automatically presenting images ready for viewing.



The CR 12-X handles general radiography, orthopaedic, chiropractic and full leg/full spine applications.



# Streamlined integrated workflow

**Making your existing solutions work harder for you is a driving force in today's economically challenging environment. With the CR 12-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 12-X's broad range of application capabilities 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 12-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 12-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 12-X requires low power, making standard electrical outlets sufficient, while mobile installation is easily achieved via a converted connection to your vehicle's battery.

## **Networking capabilities deliver seamless integration**

The CR 12-X is fully DICOM compliant, making integrating the digitizer with other solution elements quick and easy.

## **Delivering a complete solution**

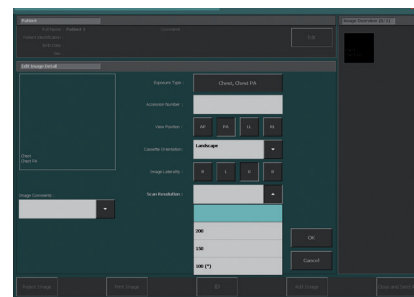
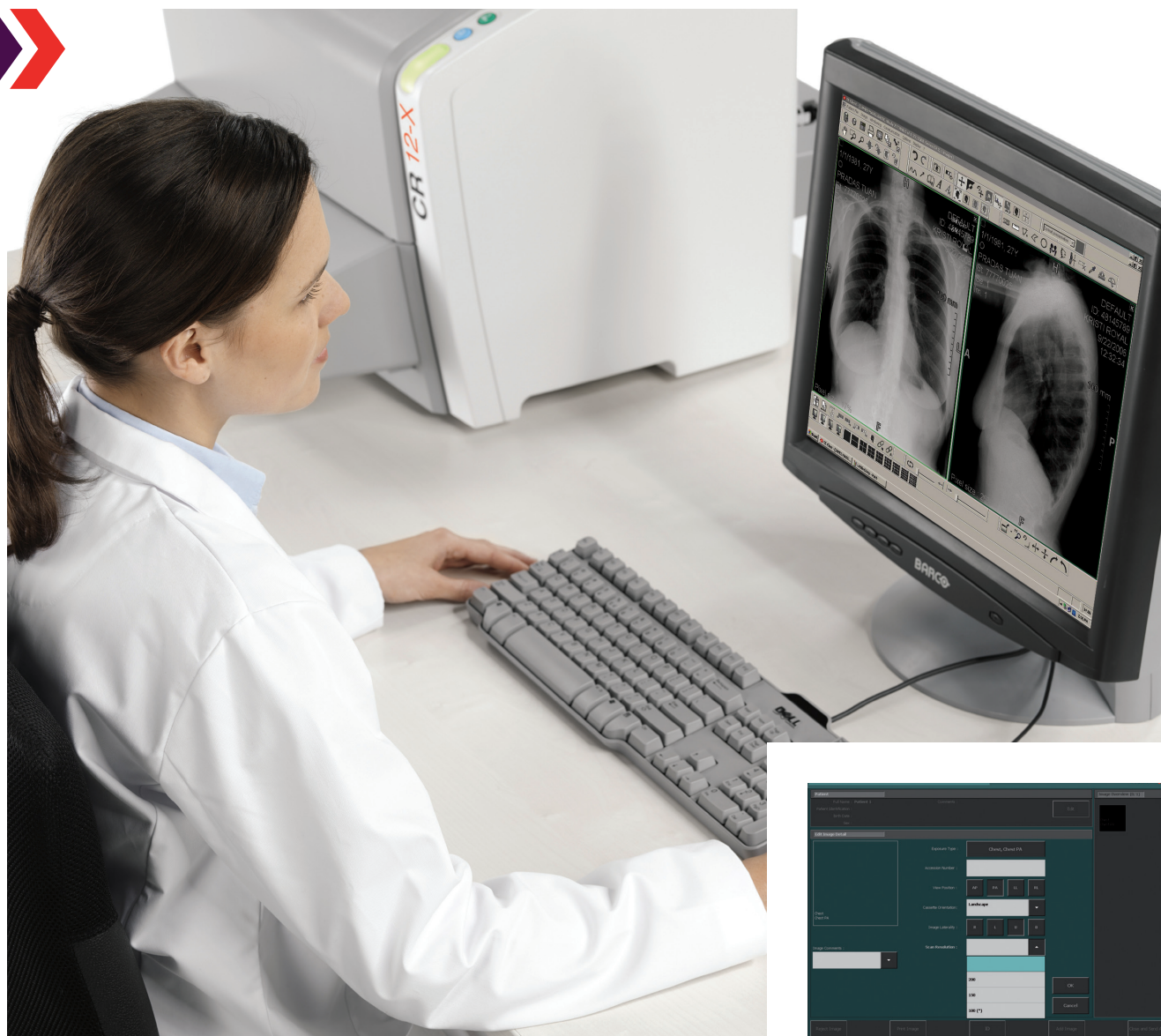
The CR 12-X, when combined with the MUSICA workstation, the DRYSTAR 5302 hardcopy imager and/or the SE Suite software, delivers

a complete CR solution at an affordable price. The MUSICA auto-cropping optimizes image size for the available film size and reduces storage space. 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.





Choose your preferred resolution for each examination.

The CR 12-X,  
MUSICA  
workstation  
and SE software  
suite deliver  
a seamlessly  
integrated solution.



CR 12-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 12-X is fast and easy.



The CR 12-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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# Swift and easy maintenance

## Fast and simple service and maintenance

The modular technology within the CR 12-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 12-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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