

CR 10-X:
YOUR ENTRY TO DIGITAL QUALITY IMAGING

Computed radiography from Agfa

AGFA

AFFORDABLE

digital quality imaging

An affordable entry into Digital Radiography, without compromising image quality. One that enables you to enjoy all the benefits of proven Agfa technologies renowned for delivering high image quality, but at a price synonymous with your organization's budgetary constraints. A solution that eases workflow and lets you keep your full focus on patient care, with SmartRotate, an artificial intelligence plug-and-plug tool that automatically presents images ready for viewing, independent of cassette orientation. That has a modular, robust and simple design, which means it can withstand harsh environments and temperature changes yet requires minimal intervention – making service and maintenance fast and simple.









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

SmartRotate uses a Deep Neural Net to interpret image contents, and automatically present the image ready for viewing. The technician and radiographer can put their full focus on patient-care, while enhancing productivity.

The CR 10-X is an entry level, compact single slot, table top digitizer that provides your gateway into a digital future with Computed Radiography (CR).

Priced for the cost-conscious

The simple yet smart new design concept of the CR 10-X creates an affordable opportunity to enter the CR environment. By addressing the needs of lower volume operations, rural hospitals, private practices and wherever there is a plan to move from analog to digital, it offers high-end technology for the cost-conscious organization.

No compromise on image quality

Comprising high resolution scanning of 100µm pixels, through MUSICA image processing, the CR 10-X processes plates at a rate of 34 per hour.

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.

The CR 10-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 10-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 10-X's broad range of application capabilities make 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 10-X's small table top footprint (W58 x D70 X H47.1 cm) 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 10-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 10-X requires low power, so standard electrical outlets are sufficient.

Networking capabilities deliver seamless integration

The CR 10-X is fully DICOM compliant making integrating the digitizer with other solution elements quick and easy.

Delivering a complete solution

The CR 10-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.

XR SMART ROTATE

The CR 10-X, MUSICA Workstation and SE software suite deliver a seamlessly integrated solution.



CR 10-X and DRYSTAR 5302 – the perfect combination..

Swift and

EASY

maintenance

Making your existing solutions work harder for you is a driving force in today's economically challenging environment. With the CR 10-X's versatility and integration delivering increased workflow, you will maximize your return on investment.



The CR 10-X's simple design makes installation fast and easy. Its horizontal cassette insertion prevents dust and dirt being introduced into the system.





Fast and simple service and maintenance

The modular technology within the CR 10-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 10-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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