COMPUTED RADIOGRAPHY

Join the digital

evolution

in mammography



CR 30-Xm – Mammography and general radiography in a tabletop solution at a very high resolution of 50µm pixel pitch









AGFA

Combining

digital mammography and general radiography

A compact, single slot, table-top digitizer that handles both digital mammography and general radiography applications at a very high resolution of 50μm pixel pitch. One that meets the high level quality demanded for digital mammography and delivers a solution that facilitates the change from analog to digital in a fast and a cost-efficient way.

That is the CR 30-Xm from Agfa.

A mixed-use solution comprising a single plate digitizer, the CR 30-Xm is designed to address your digital mammography and general radiography needs in a single digitizer.

Affordable, compact and table top, with a horizontal cassette insertion that prevents dust and dirt being introduced into the system, the CR 30-Xm makes digital imaging highly accessible to smaller hospitals, small practices and facilities making the move from analog to digital.

By combining the high image quality and high throughput achieved through CR plates and cassettes, Agfa's MUSICA image processing software and NX workstation and with the low total cost of ownership, the CR 30-Xm is an ideal entry to a digital world that combines digital mammography and general radiography.

Mixed use capabilities for digital mammography and general radiography

Suitable for digital mammography and all general radiography – including full leg full spine studies – the CR 30-Xm's multi-application capabilities enable this single solution to deliver maximum study types. This makes it highly versatile and cost-effective.

High quality combined with high throughput

By scanning the large cassette at the full width of 43 cm (17"), the CR 30-Xm combines high quality with high throughput. Add to this its support for all popular cassette formats, including mammography and panoramic dental, and you achieve reliable, high quality image capture.

Very high resolution of 50µm

Our plates & cassettes offer a very high resolution image quality and are therefore suited for general radiography applications that require detection of very small details such as extremities and rheumatology.

Supports a continuous digital workflow

The CR 30-Xm's use of the NX's intuitive user-friendly interface, its heavy duty imaging rate of 60 full size (35 x 43 cm) plates per hour, and its single slot insertion, enable you to concentrate on image analysis and your patients. The fast preview facility on the examination window of the NX workstation, which begins shortly after a cassette is dropped into the buffer, allows the correct positioning and exposure to be determined as the final image is being completed. This results in a continuous, optimized digital workflow.

Compact and mobile

The CR 30-Xm's small table top footprint and horizontal cassette insertion makes it ideal for space restricted areas. With additional fitments, it can be integrated easily as a mobile unit into vans, trucks or other mobile facilities. The CR 30-Xm also comes with the optional all-in-one cart, to keep it within easy reach, maximize the available space and facilitate transportation.

The CR 30-Xm addresses your digital mammography and general radiography needs in a single digitizer.







CR 30-Xm – Delivering an easy and cost-efficient transition from analog to digital

Providing mammography quality imaging standards

Uncompromising image quality

The high image quality needed for the detection of small and subtle lesions in the breast are achieved through the CR 30-Xm's high resolution mode of 20 pixels per mm, its dedicated CR plates and cassettes and MUSICA for Mammography image processing.

The CR 30-Xm scans at a spatial resolution of 10 pixels per mm for general radiology applications. The image is then processed using MUSICA image processing, which automatically analyzes the characteristics of each image and optimizes processing parameters – independent of user input and dose deviations. The result is minimal re- or post-processing.

Delivers tissue images up to the chest wall

The CR 30-Xm's dedicated mammography image plates and cassettes come in sizes of 18 cm x 24 cm and 24 cm x 30 cm. This enables tissue imaging right up to the chest wall.

Total solution for digital mammography and general radiology applications

By combining the CR 30-Xm with the NX workstation and MUSICA for Mammography; the DRYSTAR AXYS hardcopy printer with its two online trays; and the SE Suite standalone software with its mammography option, the CR 30-Xm provides a total solution. This makes it very accessible for smaller hospitals, small practices and hospitals making the move from analog to digital.

Harnessing our extensive mammography expertise

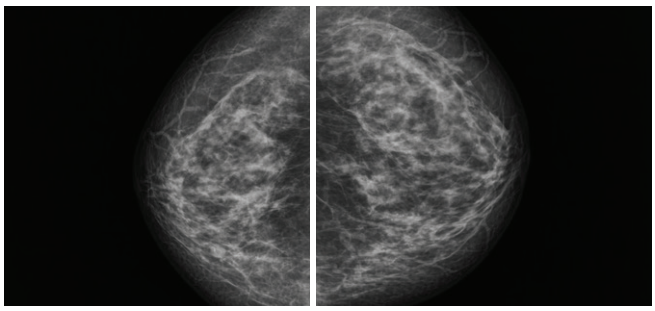
Mammography has always been at the heart of the Agfa solutions portfolio. With the CR 30-Xm, you enjoy the confidence of knowing that we are combining our extensive experience and skills in this specialist area with the same proven technologies that have already helped Agfa general radiology customers make the transition from analog to digital.

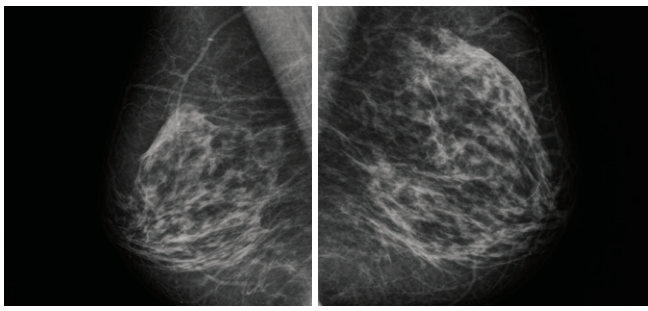






The CR 30-Xm delivers high resolution mammography quality imaging





CR 30-Xm – Delivering an easy and cost-efficient transition from analog to digital

A cost-effective total solution

Facilitates seamless integration

The CR 30-Xm works in conjunction with the NX workstation, Agfa's image identification and quality control tool to deliver a highly efficient and optimized radiology workflow. Fully DICOM compliant, it is designed to enable you to achieve a seamlessly networked integrated digital workflow – from patient registration on the RIS to final display of softcopy or hardcopy images.

Low total cost of ownership

The special LED technology in the CR 30-Xm's erasure unit keeps heat output and power requirements low. This allows standard electrical outlets to be used, negating the need for preliminary electrical work, thereby keeping costs low. With its modular, component-based design, installation can be achieved in a single day and maintenance is faster, easier and more cost-effective.

Enables use of existing mammography

The CR 30-Xm's mammography-dedicated image plates and cassettes are compatible with existing mammography modalities, allowing you to continue to use your existing mammography X-ray systems while enjoying the high image quality demanded for mammography studies. With no additional costly expenditure required, your facility can move smoothly from analog to digital mammography capabilities.

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.

The CR 30-Xm is a a highly cost-effective solution that delivers low total cost of ownership.







CR 30-Xm – Delivering an easy and cost-efficient transition from analog to digital

For more information on Agfa, please visit our website on www.agfa.com ■

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