



AGFA
RADIOLOGY
SOLUTIONS

A world of digital imaging

Dedicated to animal care

Durable, affordable and easy-to-use solutions
that offer high-quality digital imaging

Putting our experience to work for vets

With over 100 years of experience in diagnostic imaging, Agfa Radiology Solutions has long supported human healthcare enterprises as they evolved from analog to digital. Now, you can put this knowledge to work in your veterinary practice, with our high-quality, dedicated solutions that meet the specific needs of animal care.



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Whether you are looking for computed radiography (CR) or direct radiography (DR), we offer a range of proven solutions that give you excellence in imaging, plus reliable support and service from our worldwide organization.

Why go digital with Agfa?

An Agfa digital imaging solution can offer your practice a broad range of advantages, including:

- Efficient workflow
- Ultra-fast image acquisition and preview
- Excellent image quality and high-resolution images with MUSICA® image processing: always 'first time right' without manual intervention
- Optional measurement tools
- Reliable storage solutions

Proven MUSICA® quality supports vets' needs

Our dedicated solutions for vets include our proprietary MUSICA® image processing and the MUSICA® Workstation; together they deliver high-resolution images with unparalleled image quality: one image is all it takes.

Our gold-standard MUSICA® image processing software automatically analyzes the characteristics of each raw image and optimizes the processing parameters, independent of body part or dose deviation. Calibration and processing are

completely automated, so there is no need for technical expertise. You get maximum detail, with minimum fuss.

The MUSICA® Workstation optimizes your workflow with very fast image acquisition and an intuitive user interface that is the same for CR and DR. Your staff will be up and running in no time, with just a little training.

Options

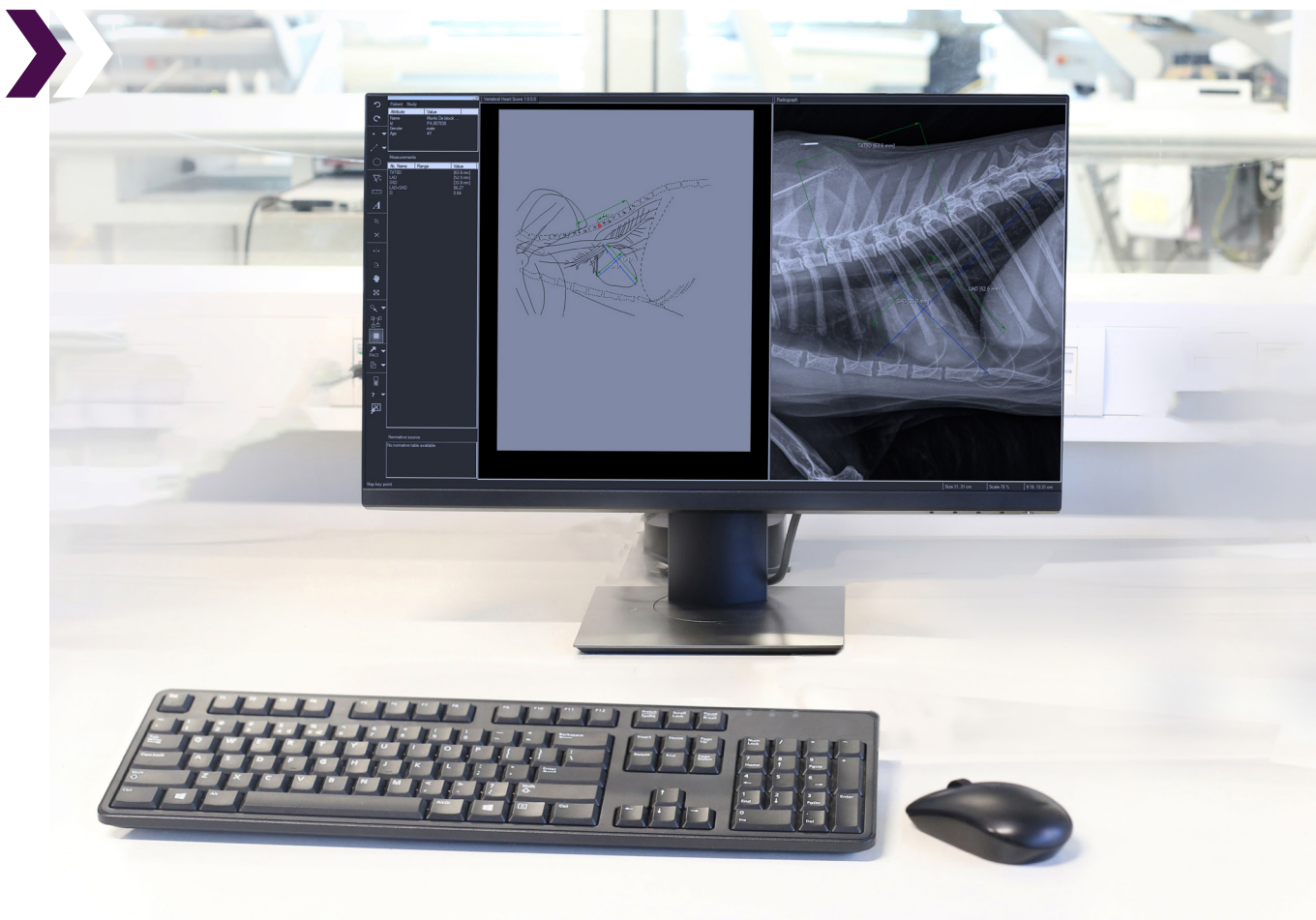
- Automatic selection of next exposure
- DICOM export functionality to support storage
- Positioning guidance
- OrthoGon for veterinary applications

All our digital solutions fully support veterinary DICOM attributes, DICOM archiving and PACS (picture archiving and communication system) connectivity.

Xpert Suite: the perfect addition to the MUSICA® workstation

The state-of-the-art Xpert Suite has been designed to work hand-in-hand with the MUSICA® Workstation. This flexible, scalable image handling software enables diagnostic reporting, image manipulation, and secure storage and distribution of medical images, from multiple modalities. Xpert Suite offers a range of features to enhance diagnostic reading confidence, efficiency and productivity.





OrthoGon is available for canine and feline measurements:

Some examples:

- Norberg Angle for hip dysplasia (HD)
- Proximal Tibial Angle (PTA) for Tibial Tuberosity Advancement (TTA)
- Tibial Tuberosity Advancement (TTA)
- Dorsal Acetabular Rim (DAR) angle
- Vertebral Heart Score (VHS)



OrthoGon for veterinary applications

OrthoGon is a specialized tool designed to assist with complex measurements. For veterinary applications, it helps veterinarians analyze anatomy and pathology by providing interactive 2D measurement schemes and comparisons against normative references, aiding diagnosis of disorders and deformities.

Results can be saved as images and proprietary records in PACS, printed as reports, or exported for further processing.

Computed radiography

A perfect balance between affordability and high image quality.



The easy way to go digital

Our CR solutions offer you an easy and affordable way to get all the benefits of digital imaging, with a familiar workflow that is similar to traditional film imaging. They are compatible with almost all X-ray systems – so you can maximize the value of your existing equipment.

Versatile tabletop digitizers, advanced image processing software, user-friendly workstation software: with the modular, component-based design, you get exactly the solution you want and need. And whether you perform many X-rays or a few, we have a solution to meet your imaging volume demands.

Which solution do you need?

Agfa has a long experience in the transfer from analog to digital. Whether you are taking your first steps into digital imaging, or need a high-volume, high-flexibility solution, we have a range of proven CR systems that have been specially adapted to meet your vet practice's needs.

CR 15-X Digitizer

For vet practices with a large volume of imaging, the CR 15-X offers high throughput combined with uncompromising and consistent image quality, in a compact, tabletop solution that fits wherever you want it. Flexible and robust, it is easy to install, use and maintain. It supports a range of cassette sizes and provides you with seamless integration, from X-ray exposure to print or softcopy.

CR 10-X and CR 12-X Digitizers

The CR 10-X and CR 12-X both offer an ideal and affordable entry into digital imaging, with a robust, reliable and convenient design. The compact single-slot digitizer takes up little space, and maintenance is fast and easy. With the CR 12-X you can also customize default speed and resolution, and adjust the settings for any exam, letting you create your own optimized workflow. Either way, your transformation to digital imaging is fast and easy.



Direct radiography

Combining flexibility and durability with high image quality.



Dura-line™ XF+, XD+ and XD detectors are available in three sizes: 10x12", 14x17" and 17x17". They can be used flexibly in wireless mode, or optionally built into the Bucky table as a fixed detector. In canine and feline radiology, larger DR detectors (14x17" and 17x17") are commonly mounted in a Bucky table for high-quality large-area or full-body imaging.

Mounted DR detectors

Mounting Dura-line™ DR detectors in Bucky tables offers several advantages for routine imaging of small animals:

- **Stability:** The steady position of fixed detectors ensures consistent imaging quality. This is especially useful for full-body images of larger dogs or detailed spinal and thoracic views.
- **Ease of use:** Integrating a fixed detector into a Bucky table enables quick and easy positioning of small animals, simplifying the veterinarian's task. Plus, there is no need to charge batteries.

DR detectors

Fixing a DR detector in a Bucky table improves workflow efficiency and imaging capabilities for small animals, providing precise and comprehensive diagnostics.

The 17x17" and 14x17" DR detector sizes are commonly used for imaging larger areas of an animal's body:

1. **Full-body X-rays** for large dogs.
2. **Abdominal and thoracic imaging** for detailed views of organs and bones in the chest and abdomen.
3. **Orthopedic assessments**, providing wide coverage for bone and joint evaluations.

Applications:

- **Routine check-ups:** used for comprehensive imaging of dogs and cats during routine examinations.
- **Orthopedics and neurology:** for conditions such as hip dysplasia or intervertebral disc disease, these detectors provide detailed images essential for diagnosis and treatment planning.

Dura-line™

Versatile, robust Dura-line™ detectors offer reliability and image quality, for a smooth, efficient workflow. The Dura-line™ range consists of XD, XD+ and XF+ detectors. The whole Dura-line™ is Cesium iodide based. The choice between XF+, XD+ or XD will depend on your specific needs.

Key features:

Large field of view:

The 17x17" and 14x17" detectors enable comprehensive imaging without multiple exposures, reducing time and stress for both the animal and veterinarian.

High resolution:

These detectors deliver high-quality images, essential for detecting fine details in soft tissue and bone.

Flexibility:

The detector can also be configured for both wireless and wired use.

Which is the right Dura-line™ for you?



XF+ delivers the lowest weight, greatest durability and highest resolution:

- > Glass-free
- > Lowest weight
- > Drop height 1.5 m
- > 99 micron
- > High DQE



XD+ provides balance between high quality and affordability:

- > Glass-based
- > Drop height 1 m
- > 140 micron for 14x17"
- > High DQE



XD is the choice for affordability:

- > Glass-based
- > Drop height 1 m
- > 140 micron for 14x17"
- > Standard DQE

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