INTRODUCTION

EXAMION® - a business division of Arzt & Praxis GmbH is a worldwide supplier of systems in the field of digital and conventional X-ray systems and currently serves an installed base of over 2000 systems.

From human medicine to the veterinary field and mobile emergency - EXAMION® offers proven systems designed for efficient workflow. Our X-ray equipment, image processing software and computer workstations can easily be connected with each other and with a multitude of peripheral devices such as ultrasound, CT, MRI, etc...

EXAMION® has a vast network of sales, marketing and technical support companies in Germany, Poland and Switzerland. Over a network of certified sales and service partners EXAMION® provides customers around the world with its latest state-of-the-art X-ray systems. EXAMION® distinguishes itself by its extensive market experience, its advanced cutting-edge technology and the extensive number of project references in the private and public sector.
strategic
smart
forward-thinking
The powerful EXAMION® AQS VET Software is the heart of all digital radiography systems. With this unique platform product, one can control, process and PACS archive all your digital X-ray processes. No matter how much your future demand increases on digital X-ray, the EXAMION® AQS VET Software has been designed to grow together with you.

The EXAMION® AQS VET Software is ‘the’ universal image acquisition software of the future, with superior connectivity to a widest range of different CR digitizers or DR detectors. The innovative graphical user interface easily and quickly guides the user through the complete imaging process and allows integrated X-ray generator control setting. As this full range of X-ray modalities are all managed by this intuitive single graphical user interface, training requirements for the software remain uniquely low.

The EXAMION® AQS VET Software works with the most advanced, latest generation image processing algorithms (MTFA / de-noising, etc.).

The EXAMION® AQS VET Software is focused around its user-friendly interface with touch screen compatibility. The large, clear and self-explanatory buttons allow the user to instantly obtain perfect image results with just fewer clicks. The EXAMION® AQS VET Software controls all imaging processes, regardless whether a CR digitizer or DR detector is connected.

After image acquisition, the integrated image viewer opens up automatically. The fully integrated EXAMION® AQS VET Software system handles all digital X-ray processes with optimum ease.

Integrated medical measurement functions provide comprehensive tools, with professional medical precision. The EXAMION® AQS VET Software provides all relevant veterinary measurement functions with built-in step-by-step guiding functions. Benefit from the extended and integrated guided measurement functions for Hip Dysplasia, TTA, TPLO, VHS, Laminitis and more. For maximum diagnostic flexibility, all measurement lines and position markers can be freely adjusted, temporarily hidden or even deleted.

The EXAMION® AQS VET Software saves your precious clinic time from start to finish. This thanks to its automated, fast and fewer clicks step through workflow, its automated processing, through to its PACS archiving, all from within a single user screen.

Enjoy better diagnostic radiographs and benefit from the following features:

- Pre-diagnostic viewer with full communication and selection tools
- Complete multiple and free user-adaptable equine pre-purchase Worklist
- Complete equine and small animal specific measurements with guided tools
- Editable organ and pre-purchase list
- Multi-lingual interface
EXAMION® AQS
Acquisition software

- control of X-ray generator and DR panel
- advanced image processing
- image management
- local image database
- integrated diagnostic viewer

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DICOM Worklist ↑ DICOM Store ↓ PACS
The EXAMION® Complete DR Systems integrate all components and functions into one system to create fully digital radiographic systems. The systems are controlled through by a single touch screen computer. The automated, intelligent workflow of the EXAMION® AQS VET Software reduces radically the necessary steps from initial image acquisition to image archiving. The software interface takes control of the X-ray generator and acquires X-ray images from the high resolution detector unit. The sophisticated post processing algorithms of EXAMION® AQS VET Software always achieve the most outstanding image quality.

EXAMION® DR Maxivet

The EXAMION® DR Maxivet implements proven direct-conversion technology for direct conversion of X-rays into image information. The integrated control of the X-ray generator and detector delivers brilliant X-ray images within only seconds. These outstanding images are displayed instantly on the built-in 19” touch screen monitor. The EXAMION® DR Maxivet is the perfect system for all the small animal digital radiography in mid-sized to large veterinary clinics.

Highlights

- Image display in only seconds
- Highest image quality and gray-scale dynamics
- Flexibility with maximum latitude on X-ray dose
- Integrated 4 way floating table top with electronic brake
- Wall plugged suitable powerful 32 kW high frequency X-ray generator
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
fast
straight-to-the-goal
up-to-date
EXAMION® DR Systems

The EXAMION® DR Detector Systems enable digital radiography without interruption, by allowing the ongoing use of your existing conventional X-ray generator equipment. The EXAMION® DR Detector Panel fits precisely into your existing Bucky X-ray system, and transmits the X-ray images directly to the integrated PC console.

No changes are made to your existing generator or Bucky, nor do you need to replace wall stand, X-ray table and grids or make any other radical changes to your usual procedures.

The EXAMION® DR Systems are swiftly installed on site in the X-ray room - including our PACS system and including integration into your existing IT environment.
The innovative EXAMION® DR Flexible system features the world’s first wireless cassette sized DR detector, easily sliding into your table or wall stand Bucky or which can be used just as a conventional cassette for tabletop projections. Upon exposure, the detector transmits wirelessly the digital images to the system capture console for immediate automated processing and diagnostic viewing.

From the console, images can be sent quickly to a printer, PACS, archive or other target devices on the PACS network.

**Highlights**

- Wireless panel technology
- Slim cassette sized detector with exchangeable battery
- Image control within seconds
- Outstanding image quality
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
With the EXAMION® Easy-DR system upgrade the conversion to digital radiography is fast, simple and cost effective. Upon exposure, the 14” x 17” slim cassette sized detector sends the brilliant digital images to the workstation console for immediate viewing and editing over a wired connection. From the console, you can then easily and quickly send images to a printer, a PACS, archive or other target device on your network.

The combination of the cable connection with self-securing lock and the low weight, slim EXAMION® DR Easy-Upgrade detector panel allows for easy handling and a previously unknown flexibility in X-ray positioning. You can effortlessly and freely switch the system between X-ray tables, grid wall stands or other devices. For ease of system maintenance, the innovative hot-plug system allows removal of the EXAMION® DR Easy-Upgrade detector even in operation.

**Highlights**

- All-in-one cable for power and data transmission with self-securing lock
- Combined with standard X-ray grids
- Image after just 3 - 5 seconds
- Outstanding image quality
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
EXAMION® CR Systems

With computed radiography (CR) systems, you can use your existing conventional X-ray equipment and benefit from the brilliant image quality of digital radiography. Instead of the conventional film cassettes, simply use the special CR cassettes with reusable imaging plate inside, at your disposal in all traditional film cassette sizes. Consequently, it is no longer necessary to develop exposed films in a dark room by slow means of chemicals, since the cassette is simply placed in a special CR reader, where the image information is read, digitized and archived. Using the powerful integrated EXAMION® AQS VET Software the digital X-ray image can now be viewed, edited and archived. Due to the DICOM 3.0 capabilities, the system is integrated seamlessly within a wide range of printers and PACS systems.

EXAMION® CR Digitizer systems are extremely robust and can easily survive extreme veterinary environmental conditions on temperature and humidity.

EXAMION® CR Digitizer systems are exceptionally versatile, easy-to-use systems with high-quality results and will meet beyond your diagnostic needs. In addition to the seamless integration into your existing workflow EXAMION® CR Digitizer systems guarantee an increase in clinic productivity and efficiency. For in clinic mobile use, the systems can be mounted on an optional Z-cart and wheeled where digital X-rays are required. A perfect asset for mobile applications.
EXAMION® CR Vita 25

The EXAMION® CR Vita 25 system is reliable, compact desktop system that integrate seamlessly into your existing workflow.

**Highlights**
- Designed to meet the needs of small to medium sized clinics
- Throughput of up to 24 medium sized cassettes / hour
- Lightweight desktop system or on optional mobile cart
- Ideal for extreme environmental conditions
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS

EXAMION® CR Vita 45

The EXAMION® CR Vita 45 system is reliable, compact desktop system that integrate seamlessly into your existing workflow.

**Highlights**
- Designed to meet the needs of any small to medium sized clinic
- Throughput of up to 44 medium sized cassettes / hour
- Lightweight desktop system or on optional mobile cart
- Ideal for extreme environmental conditions
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
EXAMION® CR Premium

The EXAMION® CR Premium system is suitable as centralized and decentralized CR system and provides quick access to high-quality X-rays at comparatively low cost.

**Highlights**

- Superb image quality CR solution
- Designed for any stationary clinic as well as for large general private practices
- High throughput of up to 69 cassettes / hour
- Low operating costs
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
EXAMION® CR 3X Pro²

The compact EXAMION® CR 3X Pro² digitizer is ideal for any centralized and decentralized CR environment combined with high performance in everyday use and easy to install and maintain.

**Highlights**

- Designed to meet the needs of all clinics
- Throughput of up to 60 cassettes / hour
- Low operating costs
- Compact and mobile design on optional cart
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
EXAMION® CR 3X

The compact EXAMION® 3X CR digitizer is ideal for any centralized and decentralized CR environment combined with high performance in everyday use and easy to install and maintain.

**Highlights**

- Designed to meet the needs of all clinics
- Throughput of up to 35 cassettes / hour
- Low operating costs
- Compact and mobile design on optional cart
- Modern touch screen function
- Installation in one day
- Also available as EXAMION® system solution
- Powered by EXAMION® AQS
well-proven
classic
strong
The EXAMION® X-ray equipment product line is perfectly suited for high-quality radiographs with CR cassettes or conventional films. The systems are the most suitable answer to all your various requirements in veterinary X-ray imaging. The flexibility of the equipment allows a wide range of X-rays with various animal species available in the veterinary clinic. For a simple and efficient workflow, we also offer a high-quality selection of powerful, lightweight and portable X-ray generators.
EXAMION® Maxivet 200 HF

The EXAMION® Maxivet 200 HF is the cost-effective versatile high-frequency X-ray system that delivers high-quality radiographs. Thanks to the floating table top with electronic brake and integrated pre-selection of 605 standard organ programs, handling X-ray system is kept convenient and user-friendly.

**Highlights**

- Fast and precise X-raying
- Easy installation and wall-plug suitable
- 605 standard organ programs
- Minimal Radiation Exposure
- Floating table top with electromagnetic brakes
The EXAMION Maxivet® 200 HF elevator is a versatile, high-frequency X-ray system with high image quality. The electrically height adjustable walk-on x-ray table and the clear control panel with 605 standard organ programs allow quick and easy X-raying in premium quality for accurate diagnosis.

**Highlights**

- Ergonomic walk-on electrically height adjustable X-ray table
- Fast and precise X-raying
- Easy installation and wall-plug suitable
- 605 standard organ programs
- Parameter programming without risk of error
EXAMION® Maxivet 300 HF

The EXAMION® Maxivet 300 HF is a most powerful 32 KW stationary CR / X-ray film system for radiological applications in small animal clinics. The floating table top and height adjustable, tilting X-ray tube allow a most comfortable and easy workflow.

Highlights

- High-frequency X-ray device with shortest exposure times
- Floating table top with electromagnetic brakes
- Height adjustable and tilting X-ray tube
- Easy installation and wall-plug suitable
- 650 anatomical programs
EXAMION® PX 20 HF plus

The EXAMION® PX 20 HF plus is the most suitable portable X-ray generator for mobile radiological applications with horses and large animals. The low weight with high power with dual laser pointer and 8 memory keys make this portable X-ray generator the perfect companion in your daily all-round equine work.

**Highlights**

- Best power-weight to price ratio portable device for all-round equine X-raying
- Small focal point for highest resolution imaging
- Dual laser pointer and tape measure included
- High throughput
- Robust housing and included carrying case
- Built-in bubble level
- DR interface built-in
EXAMION® PX 40 HF

The EXAMION® PX 40 HF is the most suitable portable X-ray generator for radiological applications in mixed practice and small animal clinics. The high power, dual laser pointer and 8 memory keys make this X-ray generator the perfect companion in your daily mixed practice work.

**Highlights**

- Best power-weight to price ratio portable X-ray device for mixed practice
- Small focal point for highest imaging resolution
- Dual laser pointer and tape measure included
- High throughput
- Robust housing and included carrying case

EXAMION® PX 60 HF

The EXAMION® PX 60 HF is the most suitable portable X-ray generator for radiological applications in small animal clinics. The high power, dual laser pointer and 8 memory keys make this X-ray generator the perfect companion in your daily practice work.

**Highlights**

- Meets highest requirements in power
- Ideal for stationary use in the small animal clinic
- Dual laser pointer and tape measure included
- High throughput
- Robust housing and carrying case included
EXAMION® X-Dent HF

The EXAMION® X-Dent HF is a dental X-ray device for the intra oral dental X-raying in the veterinary small animal practice. The electronic timer with preset exposures makes for easy and comfortable handling.

**Highlights**

- Excellent image quality
- Dual voltage
- Wall plug suitable
- Minimal Radiation Exposure
The portable EXAMION® DR system Solutions combine the advantages of a fully digital radiography system with immense flexibility. Consequently, the mobile EXAMION® DR systems answer unrivalled to the unique aspects of the mobile veterinary practice.

Upon exposure the digital X-ray detector transmits the digital X-ray images to the capture console. Within seconds, the image is displayed for careful diagnosis and archived in the integrated PACS. The X-ray images are sent to each diagnostic workstation within the clinic. Naturally, the images can also be sent to a printer, a PACS archive or any other application within your network.
EXAMION® DR Flexible Case Solution

The EXAMION® DR Flexible Case Solution provides everything you need to create brilliant X-rays in an instance, diagnose, or continue to sending the images on to colleagues. For your maximum flexibility, this system is completely wireless.

**Highlights**
- Mobile and most flexible system in a case
- Fast and precise diagnosis wherever you are
- Wireless, cable-free system
- Cassette sized solution with exchangeable battery
- Combined workstation: Mini-PC with 43 cm (19“) touch screen monitor and integrated PACS Archive
- Durable heavy duty case with wheels and telescopic handle
- Diagnostic imaging can be done by remote control
- Best suited for equine and mixed veterinary practices
- Optional range of skyline and oxspring boxes available
- Powered by EXAMION® AQS

EXAMION® DR Easy-Upgrade Case Solution

The EXAMION® DR Easy-Upgrade Case Solution is a complete wired, robust and lightweight mobile system for digital radiography.

**Highlights**
- Excellent image quality
- Best suited for mixed and equine veterinary practice
- Fast and reliable
- Combined workstation: Mini-PC with 43 cm (19“) touch screen monitor and integrated PACS Archive
- Durable heavy duty case with wheels and telescopic handle
- Optional range of skyline and oxspring boxes available
- Powered by EXAMION® AQS
EXAMION® DR 810 Case Solution

The EXAMION® DR 810 Case Solution is the portable, all-digital X-ray system for mobile equine X-raying. The portable system is equipped with a rugged notebook, an impact shielding detector panel protection box with ergonomic telescopic distance holder, all built in a rugged military heavy duty light case and therefore most suitable for the high performing equine veterinary practice.

**Highlights**

- Brilliant image quality
- Wireless universal X-ray generator synchronisation
- Simple and fully automated workflow with adaptable pre-purchase worklists and integrated PACS Archive
- Quick set-up and start
- High resolution and speed
- Powered by EXAMION® AQS

EXAMION® DR 810 Aero Case Solution

Extremely light weight and small case version for carry-on cabin air travel compliance.

**Highlights**

- Padded shoulder bag for detector and protection box
- Carry-on cabin rugged case for air travel
expansible
flexible
complementary
EXAMION® X-ray Accessories

To meet all your needs in digital radiography EXAMION® - a business division of Arzt & Praxis GmbH offers a full range of X-ray accessory on request.
EXAMION® X-ray stands and tables

For ease and safety of operation whilst X-raying, we offer a wide selection of state-of-the-art X-ray stands and tables.

EXAMION® Stat-X portable

EXAMION® Basic

EXAMION® Advanced
EXAMION® X-ray protection clothing

For maximum safety in all X-ray matters you can choose from our wide range of gloves, thyroid protectors and aprons...
EXAMION® DRagster

The dragster is a durable, 4 position adjustable and foldable wheeled trolley with brakes for in stable or in clinic easy and safe setup of your digital X-ray case, other equipments or simple use as a surgical sterile area surface. With a load capacity of up to 30 kg the dragster is completely foldable for easy wheeled transport with its telescopic handle.
EXAMION® X-ray grids

Discover our wide range of X-ray grids for all applications and systems.
EXAMION® Accessory packages

To equip you with the best state-of-the-art equipments for your daily work, we provide high quality Podoblock accessory packages to fit all X-ray systems. - Regardless of whether you X-ray analogue, use a digital CR or DR digital flat-panel system.

The packages include the following:
- Podoblock for 55° /65° oxspring
- Topblocks for Podoblock
- Distance cassette holder with or without grid compartment
- Skyline boxes for analogue film, CR and DR
- and much more ...
DISTRIBUTION AND SERVICE PARTNER

**EXAMION® - a Business Division of Arzt & Praxis GmbH**
Maybachstraße 39
70469 Stuttgart
Germany

**PHONE** +49 711 12 00 02 - 0
**FAX** +49 711 12 00 02 - 22
**EMAIL** info@examion.com
**WEBSITE** www.examion.com

**EXAMION® Medizin- und Röntgentechnik GmbH**
Toyota Allee 47 A
50858 Köln
Germany

**PHONE** +49 800 0 02 30 30
**FAX** +49 800 0 02 40 40
**EMAIL** info@examion.de
**WEBSITE** www.examion.com

**EXAMION® Medizin- und Röntgentechnik GmbH**
at Maybachstraße 39
70469 Stuttgart
Germany

**PHONE** +49 711 12 00 02 - 0
**FAX** +49 711 12 00 02 - 22
**EMAIL** info@examion.com
**WEBSITE** www.examion.com

**EXAMION® Medizin- und Röntgentechnik GmbH**
at Toyota Allee 47 A
50858 Köln
Germany

**PHONE** +49 800 0 02 30 30
**FAX** +49 800 0 02 40 40
**EMAIL** info@examion.de
**WEBSITE** www.examion.com

**DIX-ray Medical Imaging GmbH**
Am Kirchenhöhl 15
82166 Gräfelfing
Germany

**PHONE** +49 89 23 23 87 26 - 0
**FAX** +49 89 23 23 87 26 - 26
**EMAIL** info@dixray-med.com
**WEBSITE** www.dixray-med.com

**DiX-ray® Polska**
ul. Mickiewicza 59
47 - 253 Cisek
Polska

**PHONE** +48 77 4 87 13 19
**FAX** +48 77 4 80 23 16
**EMAIL** info@examion.pl
**WEBSITE** www.examion.pl

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