



OR 4Vet

Multimodal image diagnostics  
that inspire.

# Leonardo DR pico

## Portable X-ray system

shoulder bag with detector and notebook - ideal for equine practices



 OR Technology

The expert by your side.



# Advantages of the X-ray bag, also suitable as a shoulder bag or backpack

**Remote-controlled:** work comfortably with *dicomPACS® DX-R remote control* - use your smartphone as a remote control device for taking and viewing images during the X-ray procedure



**Perfectly packaged:** tidy and safe transport - components are stored in precisely fitting compartments

**User-friendly:** self-explanatory OR Technology acquisition software including free special measurement functions

**Small:** weight only approx. 7 kg easy to transport – space-saving placement of the system components

**Wireless:** quickly deployable and hassle-free

**Quick** to set up – Once on site, the X-ray solution can be assembled quickly and easily

**Cleverly designed:** integrated X-ray positioning guide (for examinations of cats, dogs and horses)

**Fast:** shortly after taking the shot (6 - 8 seconds), the X-ray image is already available for viewing and diagnostic evaluation

# Horse X-rays made easy!

## Padded, sturdy X-ray bag

incl. X-ray detector 10' x 12' or 10' x 13'

incl. tablet PC + X-ray software

The 17" notebook and the X-ray detector with protection box are very space-saving and well-padded in the robust bag.

Battery-operated portable X-ray generators with a total weight of as little as 6.8 kg complete the system. The X-ray solution can be assembled quickly and easily on site.



only approx.  
**7 kg**

## Everything well packed

- Sufficient space for notebook and 25 x 33 cm (10' x 13') detector with or without detector protective cover
- External dimensions approx. 40 x 46 x 9 cm
- Padded and fitted with a sturdy protective frame
- Easy-to-clean, film-coated protective layer on the back of the bag
- Storage compartments for notebook, mouse, batteries, mains adapter, etc.
- Water-repellant – safe in rainy conditions
- Additional pocket for accessories, e.g. charger and charging cable
- Includes two shoulder straps (the straps can be stowed away) and easily detachable carrying strap

## Helpful software options

### Exchange of information

The integrated diagnostic software offers a worldwide, fast and cost-effective exchange of information with colleagues or clients via e-mail or cloud (optionally via DICOM Cloud ORCA® from OR Technology)



### Well documented

The professional software for the detailed and comprehensive documentation of X-ray services during horse purchase examinations enables uncomplicated and very fast creation of the reports according to the 'X-ray guidelines 2018' (only for Germany)



# Advantages of professional acquisition software

Modern graphical user interface, **touchscreen** operation

Capture of patient data via **DICOM Worklist**, **BDT/GDT, HL7** or other protocols – data may also be captured manually

Use of **DICOM Procedure Codes** for the transfer of all relevant examination data directly from the connected patient management system (HIS/RIS)

**Freely configurable** body parts with more than **200 projections** and numerous possible adjustments

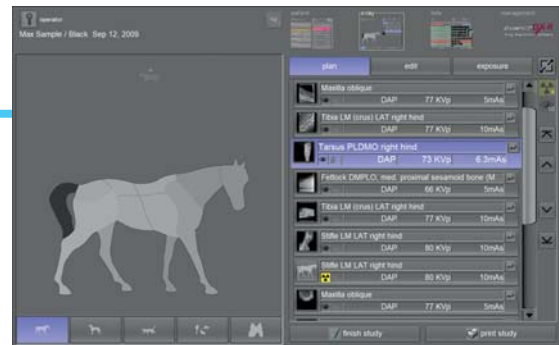
Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently

Allows the user to **subsequently add images** to an examination, even after that examination has already been completed

Special tools for veterinary medicine, such as an extra dialogue box for patient and owner data, **automatic hip dysplasia measuring (AI-based)**, **MMP, TTA, TPLO and vertebral heart score (Buchanan)**, **special image filters** and much more

Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos and correct X-ray images

Suited for use in dental medicine, e.g. with a digital dental sensor or a dental CR system



Planning the X-ray examination



Integrated multimedia X-ray positioning guide



Preview image of the X-ray image



Diagnostic in the professional PACS viewer

## Leonardo DR pico

# Standard components of the X-ray bag

### Transport bag incl. accessories bag for chargers

- External dimensions approx. 40 x 46 x 9 cm
- Padded and with sturdy protective frame
- Including two shoulder straps for comfortable carrying on your back
- With a detachable carrying strap
- Water-repellent - offers safety in the rain
- All important accessories have their own custom-fit compartments with separate closure



### Notebook

CPU Intel® (current generation),  
16 GB RAM, 512 GB SSD,  
43.9 cm (17.3") touch display, 1920 x 1080 resolution



### Csl X-ray detector

24 x 30 cm (10" x 12") wireless

Wireless X-ray!  
Fast-charging, long-life rechargeable batteries, charger included



### Csl X-ray detector flex

25 x 33 cm (10" x 13") wireless

Wireless X-ray!  
World's first Csl X-ray detector with flexible substrate - virtually indestructible - specially developed for equine imaging



### Leonardo DR pico software package

with dicomPACS®DX-R, professional console software with modern graphical user interface including basic software package and integrated radiographic positioning guide for each examination, inclusive:

- dicomPACS®DX-R DICOM Send SCU
- dicomPACS®DX-R DICOM Patient CD
- dicomPACS®DX-R Cognition Optimised Processing



## Optional components to upgrade the Leonardo DR pico system

### Wireless remote control

Possibility of wireless control of the digital X-ray system with the app "dicomPACS®DX-R remote control" via smartphone or tablet incl. display of the worklist, preview of the captured image to check the shot etc. - directly from the app a shot can be repeated or a new one can be planned

Video for wireless remote control of the system via your smartphone (via app) under [www.or-technology.com/DX-R-remote-control-video-vet-en](http://www.or-technology.com/DX-R-remote-control-video-vet-en)



### Holders for smartphone (Apple)

Choice of two types of holders available for taking and viewing images:

- Upper arm cuff
- Bracket for portable X-ray generator



### Protective case with handle

Rugged housing incorporates multiple protective layers and a circumferential rubber border to absorb shock and increase load capacity



### Amadeo P high frequency X-ray units

Portable high-frequency X-ray units for high-quality X-ray images: Low weight and user-friendly operation enable various fields of application in small animal practices and equine clinic





# OR 4Vet

Multimodal image diagnostics  
that inspire.

## Everything from a single source: PACS | X-ray | Ultrasound | CT OR 4Vet. Because image diagnostics only needs one partner.

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All information about the Leonardo DR pico  
[www.or-technology.com](http://www.or-technology.com)



The product video of Leonardo system  
[www.or-technology.com/  
leonardo-pico-video](http://www.or-technology.com/leonardo-pico-video)

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