



OR 4Vet

Multimodal image diagnostics
that inspire.

Leonardo DR nano Portable X-ray system

in **backpack format** for equine and mixed practices



 OR Technology

The expert by your side.



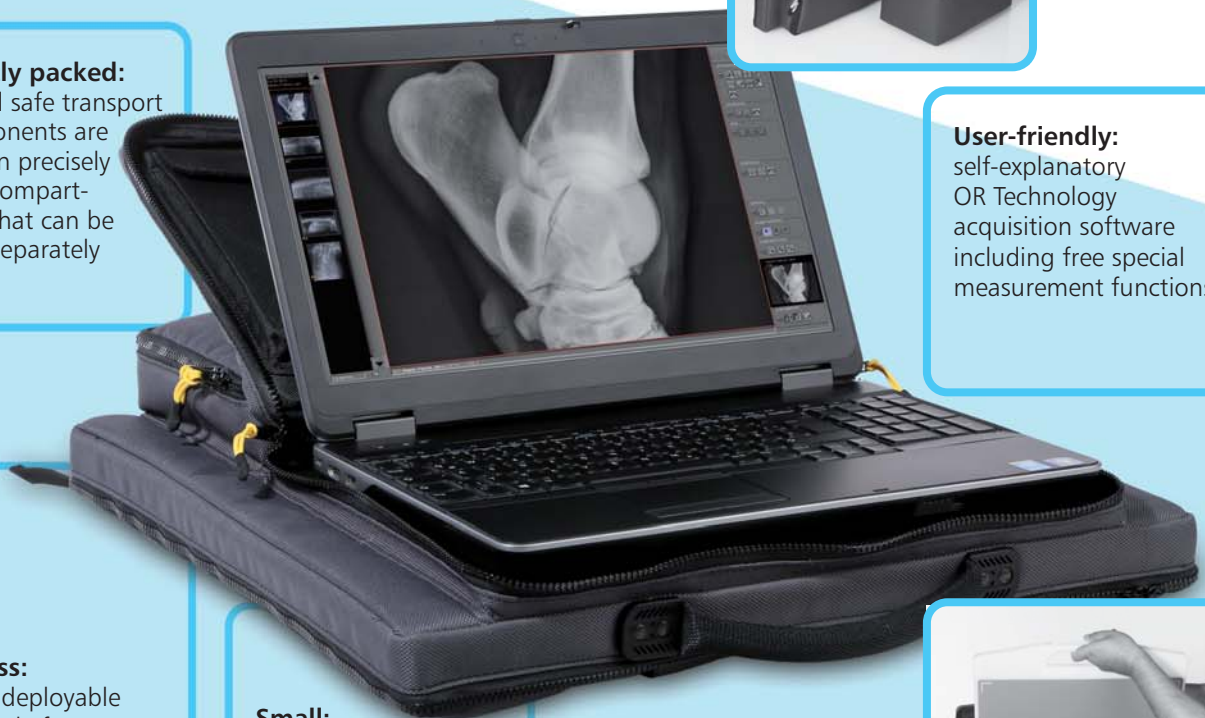
Advantages of the super-light X-ray backpack system

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 packed:
tidy and safe transport - components are stored in precisely fitting compartments that can be closed separately

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



Wireless:
quickly deployable and hassle free

Small:
weight only approx. 9 kg (including laptop, accessories and detector), easy to transport



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

Simply clever!


X-ray system in a comfortable, sturdy backpack

incl. X-ray detector 14" x 17"

incl. tablet PC + X-ray software

The space-saving X-ray solution is stowed in a sturdy backpack (also usable as a carrying 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.
9 kg

Everything well packed

- Sufficient space for the 14" x 17" flat panel detector with or without a protective cover and tablet PC/notebook
- Weight: only approx. 9 kg (complete with tablet PC/notebook, accessories and 14" x 17" flat panel detector)
- Padded and fitted with a sturdy protective frame
- External dimensions 50 x 49 x 12 cm
- Water repellent – safe in rainy conditions
- Many additional compartments to store the detector's battery charger, power cable of the tablet PC and other accessories
- Including shoulder straps (can be used as handle bag – the straps can be stored)

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

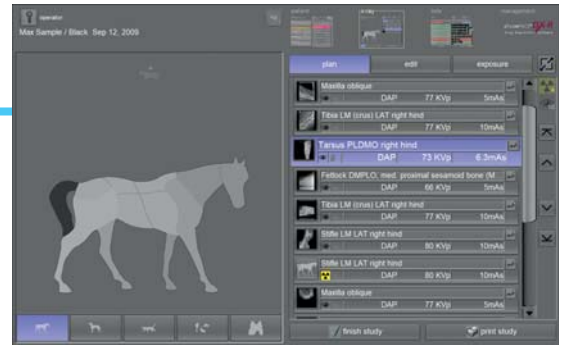
Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently

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 nano

Standard components of the backpack X-ray system

Transport backpack incl. accessories bag for chargers

- For 14" x 17" detectors with or without protective cover
- External dimensions 50 x 49 x 12 cm
- Padded and fitted with a sturdy protective frame including shoulder strap
- All important accessories have their own custom-fit compartments with separate closure



Tablet PC or Notebook

SSD hard disk, 17" or 15" high-resolution display depending on equipment, Intel © CPU, at least 8 GB RAM, USB 3.0, Wireless LAN



Direct radiography detector
35 x 43 cm (14" x 17") wireless

Wireless X-ray imaging! Fits into an existing X-ray system without requiring modification (in conformity with the X-ray film cassette), fast charging, longlife batteries



Various detector types on request

Leonardo DR nano 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 nano 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



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



Protection case

Available with or without grid



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





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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 nano

www.or-technology.com



The product video of Leonardo system

[www.or-technology.com/
leonardo-nano-video](http://www.or-technology.com/leonardo-nano-video)

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