



Leonardo DR pico

Fantastically light-weight X-ray bag with detector & notebook

Comfortable, sturdy X-ray bag - also suitable as shoulder bag or backpack - only with X-ray detector and notebook

The 17" notebook and the X-ray detector 12" x 10" (30 x 24 cm) with protection box are very space-saving and well padded in the robust bag. With a complete weight of only approx. 7.1 kg, the Leonardo DR pico can be easily transported to any location. The handy X-ray bag is also suitable for stationary use in veterinary practices or horse clinics. You can complete the system with a battery-operated, portable X-ray generator (from approx. 6.8 kg). The X-ray solution is quickly set up on site and ready for use with just a few easy steps.

The simple operation of the acquisition and diagnostic software from OR Technology pre-installed on the notebook enables even less radiologically experienced personnel to work easily and intuitively. Optimal image quality is thus guaranteed. In addition, the integrated multimedia X-ray positioning guide assists with patient positioning.

The Leonardo system is available in this variant:

- **Leonardo DR pico:** mobile X-ray system with wireless X-ray detector, format 12" x 10" (30 x 24 cm)



System benefits

Wireless: quickly deployable and hassle free

Small: weight only approx. 7,1 kg easy to transport – space-saving placement of the system components (spare batteries, cables etc.) in a sophisticated, sturdy bag

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

Perfectly packaged: tidy and safe transport - components are stored in precisely fitting compartments that can be closed separately, all-round, robust insulation material has a shock-absorbing effect.

Excellent: high-quality X-ray detector based on a caesium iodide (CsI) scintillator – top image quality even at low X-ray doses

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

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

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 (optional) → see video link

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

Accessibility: integrated diagnostic software offers a worldwide, fast and cost-effective exchange of information (via *ORCA®* cloud or email)

One of a kind: Special analysis tools for MMP (Modified Maquet Procedure), HD measurements (AI-based), TTA, TPLO, heart diagnostics, etc. are provided at no extra cost

Well documented: professional software for detailed and comprehensive documentation of X-ray services during horse purchase examinations according to "X-ray guideline 2018" [only for Germany] (optional)





Only approx.
7.1 kg

Dimensions



Well packed:

- Sufficient space for the notebook and 12" x 10" (30 x 24 cm) flat panel detector with or without a protective cover
- External dimensions approx. 40 x 46 x 9 cm
- Padded and fitted with a sturdy protective frame
- Water repellant – safe in rainy conditions
- Easy-to-clean, film-coated protective layer on the back of the bag
- Storage compartments for notebook, mouse, batteries, mains adapter, etc.
- 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



The product video of Leonardo system you can be found here: www.or-technology.com/leonardo-pico-video



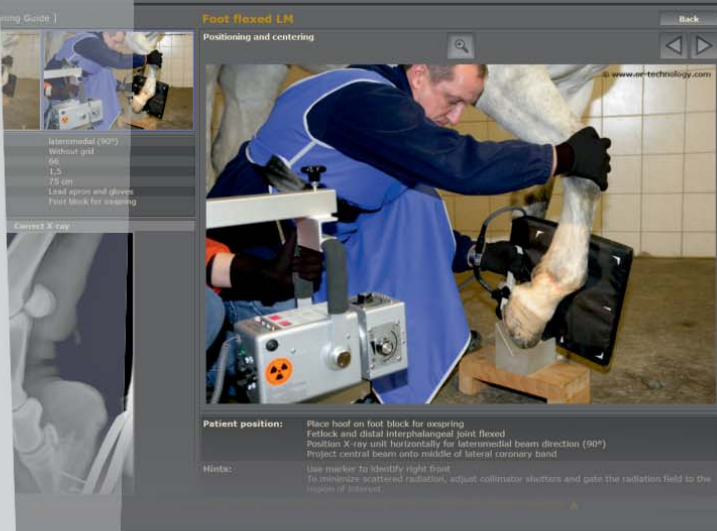
Video for wireless remote control of the system via your smartphone (via app) under www.or-technology.com/DX-R-remote-control-video-vet-en



More information about Leonardo DR nano systems you can be found here: www.or-technology.com

Advantages of professional acquisition software

- Modern graphical user interface (GUI) adaptable to almost any language, **touchscreen** operation – to ensure quick and efficient work and a smooth workflow
- 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 already included
- 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 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**, **multigenerator operation** for alternating between mobile and stationary X-ray systems and much more...
- Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos and correct X-ray images
- Report module for X-ray services of horse purchase examinations** for a fast generation of reports by automatic transfer of the X-ray images and provision of the appropriate diagnostic texts (optional)



Standard components of the Leonardo DR pico

Transport backpack incl. accessories bag for chargers

- For 12" x 10" (30 x 24 cm) detectors with or without protective cover
- 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

Intel® i7 processor, 16 GB RAM DDR, 512 GB SSD, 17,3" (43.9 cm) touch display, 1920 x 1080 resolution, USB 3.0, wireless LAN 802.11 a/b/g/n



Direct radiography detector

24 x 30 cm (10" x 12") 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, long life batteries



Battery charger including batteries

- fast charging, long life batteries, including battery charger
- charging time of battery: 3 hours



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



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



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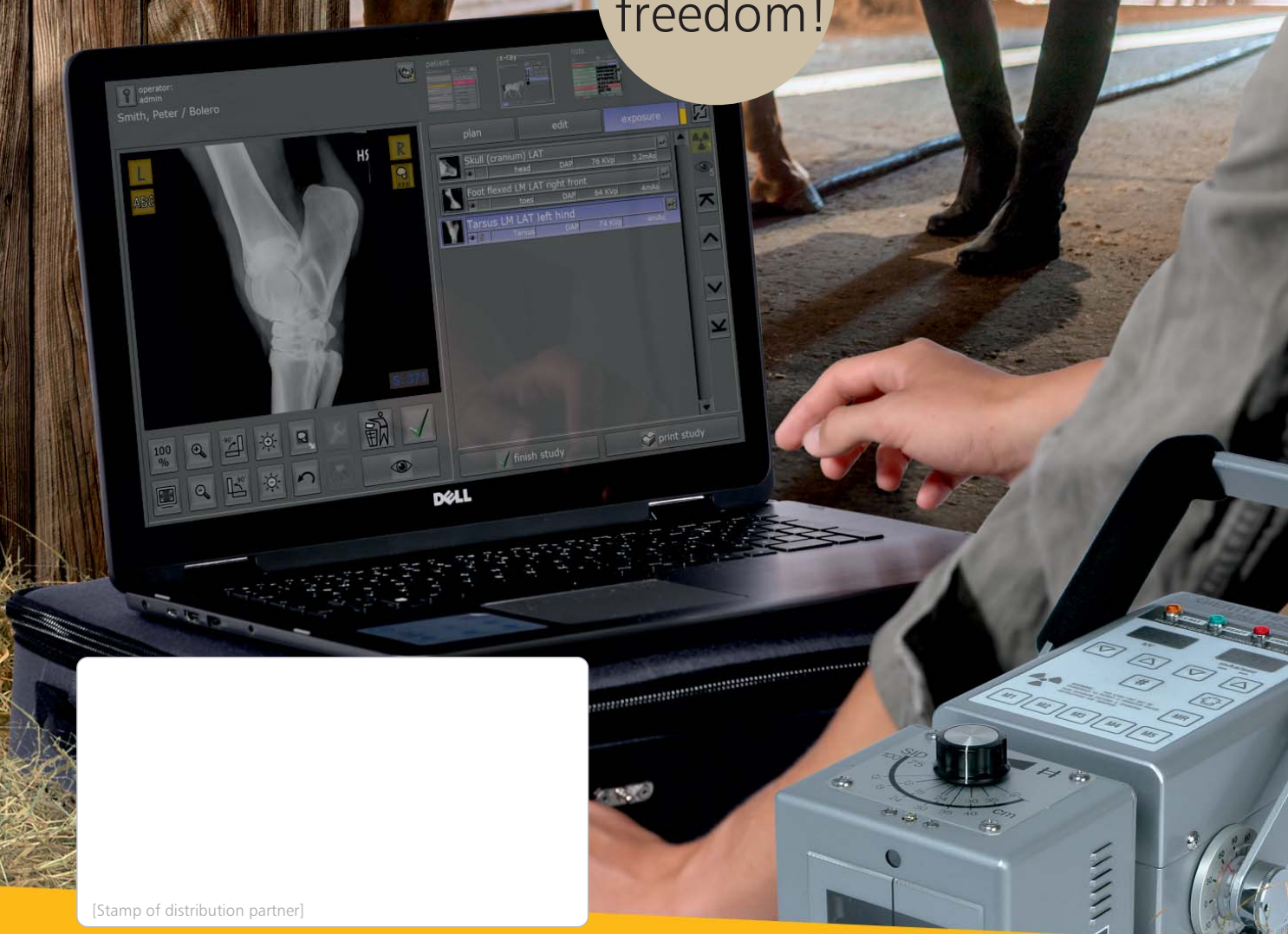
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