



OR 4Vet

Multimodal diagnostic imaging  
that inspires.

# Leonardo DR mini II

## Lightweight X-ray case

for mobile use in stables & clinics



 OR Technology

The expert by your side.

## Advantages of the system - one of the world's lightest X-ray cases

**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



Professional software for detailed and complete **documentation of X-ray services for horse purchase examinations** (for Germany only) according to the „X-ray Guide 2018“ (optional)

**Ingeniously designed:**  
wireless and battery-powered – designed for use in confined spaces as well as in the field

**Wireless:** battery-operated system can run continuously for over four hours – providing flexibility and maneuverability in difficult environments

**Compact:**  
weighing only approx. 8.9 kg, the case fits behind any car seat

**Visible and audible:**  
Software status display via large 4-colour LEDs on the corners of the suitcase and audio output on status change

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



**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)



## Leonardo DR mini II

# X-ray in perfection!

### Well thought-out case system for stables & practice

The newest model in our Leonardo series, the compact and versatile Leonardo DR mini II, combines X-ray detector technology with a high-performance acquisition and diagnostic software.

The Leonardo DR mini II is quick to set up and easy to use. Its built-in premium notebook with high resolution touchscreen monitor as well as integrated acquisition and diagnosis software guarantees excellent image display.

The X-ray suitcase has two large LEDs clearly visible even from a distance of several meters. These LEDs indicate the software status, such as "Ready to expose". In addition, a signal tone sounds when the status changes.

The notebook can easily be removed from its secured location within the case for use in an optimal ergonomic position or as a tablet during presentations.



### 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

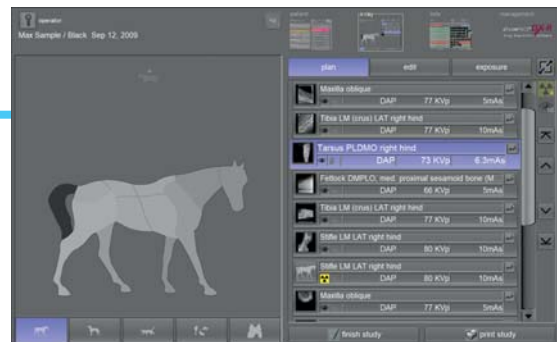
Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently

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

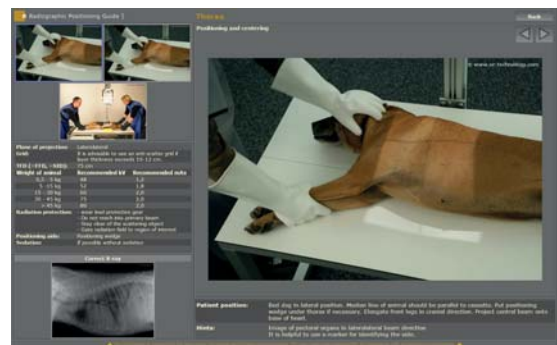
Special tools for veterinary medicine, such as an extra dialogue box for patient and owner data, **automatic hip dysplasia measuring (AI-based)**, **MMP, TTA, TPLO and vertebral heart score (Buchanan)**, **special image filters** and much more

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 mini II

# Standard components of the X-ray case

### Compact and light suitcase

*incl. shoulder strap for X-ray case, total weight: 8.9 kg (including the complete suitcase, notebook, power supply and electronics), size: ca. 49 x 39.5 x 17 cm*



### Notebook

*Convertible 2-in-1 premium notebook with large monitor, newest 8th generation Intel® Core™ i7 processor, 16 GB RAM, 17,3" full HD touchscreen monitor, keyboard with background lighting, SSD hard disk 512 GB*

### Flat panel detector Csl 35 x 43 cm (14" x 17")

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



### Leonardo DR mini II 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



### Extension for battery operation

*Allows working without power connection up to an average of 4-6 hours in normal mode*

## Optional components to upgrade the Leonardo DR mini II 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



### Wireless synchronisation with any X-ray generator

### Protection Case 1210 and 1417

*Available with or without grid*

### Transport bag for 35 x 43 cm flat panel

*Size: 55.5 x 49 x 6 cm*

### Amadeo P high frequency X-ray system

*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 clinics*





# OR 4Vet

Multimodal diagnostic imaging  
that inspires.

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

**Headquarters:**

OR Technology (Oehm und Rehbein GmbH), Neptunallee 7c, 18057 Rostock, Germany

Tel. +49 381 36 600 500, Fax +49 381 36 600 555

[www.or-technology.com](http://www.or-technology.com), [info@or-technology.com](mailto:info@or-technology.com)

OR Technology UK: Celtic SMR Ltd., Frederick House, Hayston View, Johnston

Haverfordwest, Pembrokeshire SA62 3AQ, United Kingdom

[www.celticsmr.co.uk](http://www.celticsmr.co.uk), [sales@celticsmr.co.uk](mailto:sales@celticsmr.co.uk)

**Info hotline: +49 381 36 600 600**

**[www.or4vet.com](http://www.or4vet.com)**



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



The product video of Leonardo  
system you can be found  
here: **[www.or-technology.com/  
leonardo-mini-2-video](http://www.or-technology.com/leonardo-mini-2-video)**

Specifications subject to revision without notice

The editor strives to impart correct and up to date information. The provided specifications are based on current knowledge and are subject to revision without notice. This brochure is subject to correction. The editor assumes no responsibility for the information being up to date, correct and complete.

All furnished logos, pictures and graphics are property of the particular company and subject to copyright of the licensor. Use, dissemination, distribution or copying of the pictures, logos or text compiled or processed by the editor is subject to our written consent. All rights reserved.