Leonardo DR mini II
Lightweight X-ray suitcase system

The compact suitcase solution for radiography in stables, clinics and hospitals

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. Weighing only 8.9 kg, the system is one of the lightest suitcase X-ray solutions worldwide. The suitcase system is the perfect solution for both stationary and portable radiography for mobile veterinary practices as well as equine and mixed animal clinics. The Leonardo DR mini II is quick to set up and easy to use. Its built-in 17" 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.

An optional reporting module for pre-purchase X-ray examinations makes this system attractive for equine appraisal. The integrated diagnosis software also enables worldwide, fast and cost-effective information exchange (via cloud or email) in compliance with safety regulations for telemedical solutions. Only an internet connection is required.

Two versions of the system are available:
- **Leonardo DR mini II [1210]:** mobile X-ray system with wireless X-ray detector, format 24 x 30 cm
- **Leonardo DR mini II [1417]:** mobile X-ray system with wireless X-ray detector, format 35 x 43 cm

System benefits

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

Practical: 17" laptop can easily be removed from its secured location within the case – for use in an optimal ergonomic position or as a tablet during presentations

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

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 as well as integration into your existing patient management system

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

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 cloud or email)

One of a kind: Special analysis tools for MMP (Modified Maquet Procedure), HD measurements, 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)

The 17" laptop can easily be removed from its secured location within the case and can **be used as a tablet during presentations.**

Dimensions

ca. 39,5 cm

ca. 49 cm

ca. 17 cm

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

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

ca. 42 cm

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, **integrated hip dysplasia measuring, MMP, TTA, TPLO and vertebral heart score (Buchanan), special image filters, multi-generator 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

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

Standard components of the **Leonardo DR mini II**

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
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

[example]

Flat panel 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, long-life batteries

[example]

Flat panel detector CsI
35 x 43 cm (14" x 17")*

Detector with excellent image quality and immediate image availability

[example]

* Various types of flat panel on request

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 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
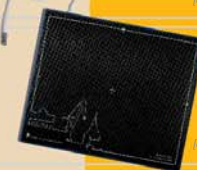
Amadeo P high frequency X-ray system

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 Technology

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