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 1210**: 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)

**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, 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)

Detailed information can be found at [www.or-technology.com](http://www.or-technology.com)
**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

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More information about Leonardo DR nano systems you can be found here: [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-pico-video](http://www.or-technology.com/leonardo-pico-video)
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

- 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**

**dicomPACS DX-R** remote control
App for smartphone as remote control device for taking and viewing images during the X-ray process

**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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