

Leonardo DR mini II

The X-ray suitcase for mobile applications in material testing or quality inspection

The portable X-ray system for Non Destructive Testing (RT) of welds, castings and forgings, etc. for various applications

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 control software ORinspect for Non Destructive Testing (RT). Weighing only 8.9 kg, the system is one of the lightest suitcase X-ray solutions worldwide.

The Leonardo DR mini II is optimised for stationary as well as mobile use and easy to operate. Its built-in 17" premium notebook with high resolution touchscreen monitor as well as integrated acquisition and control software, functions via touchscreen and mouse, guarantees excellent image display. The professional high-performance image processing is adaptable to individual users' and material-specific requirements and ensures outstanding image quality.

Two versions of the system are available:

- **Leonardo DR mini II:** mobile X-ray system with wireless X-ray detector, format 24 x 30 cm
- **Leonardo DR mini II:** 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

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 and control software **ORinspect** for non-destructive testing

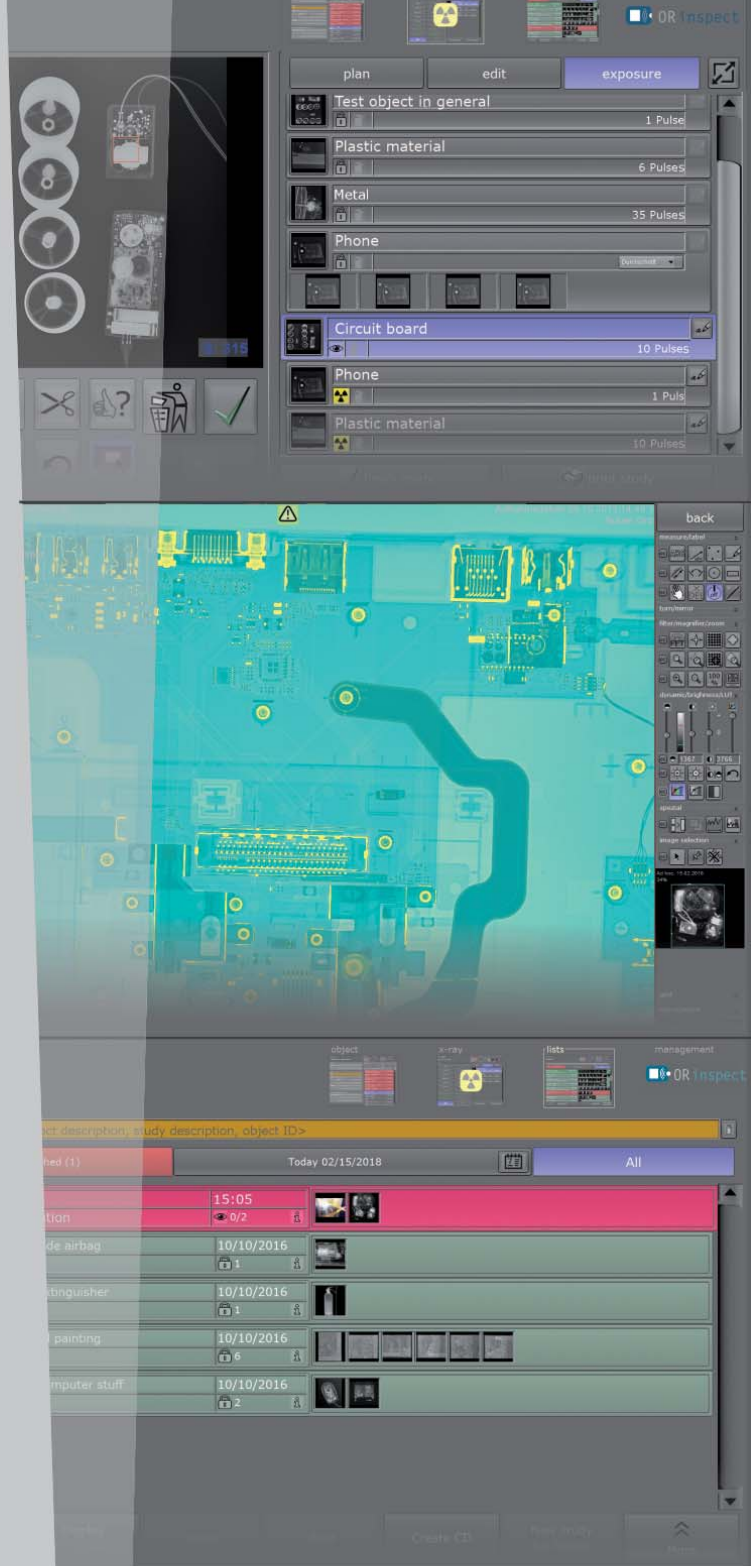
Fast: shortly after taking the shot (6 - 8 seconds), the X-ray image is already available for viewing and evaluation

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



Advantages of acquisition and control software

- Modern graphical user interface (GUI) adaptable to almost any language, **touchscreen** operation – to ensure quick and efficient work and a smooth workflow
- **Free configuration** of testing objects already in the system (stipulations for testing images incl. X-ray value settings)
- Safe and quick **registration of ad hoc tests/inspections** (spontaneous test without detailed advance planning)
- Allows **switching between planned examinations** of a test object
- **Images can be appended** to records even **after examinations** are complete
- **User-defined macros** for recurring examinations
- To document the testing/inspection setup, **photos** can be attached to the test images
- **Wireless remote control** of digital X-ray system, with display of worklist, image thumbnails and much more...
- Intuitive **multi-image concept** for SNR improvement
- Automatic and manual **stitching** (combination of several images)





Dimensions



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



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

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

Compact and light suitcase

including shoulder strap, 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 incl. battery charger

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 incl. battery charger

Flat panel detector Csl

35 x 43 cm (14" x 17")*

Detector with excellent image quality and immediate image availability

Leonardo DR mini II software package

with ORinspect, the professional acquisition and control software for the non-destructive X-ray testing with modern graphical user interface with basic software included:

- ORinspect DICONDE Send SCU
- ORinspect DICONDE Object CD
- ORinspect 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

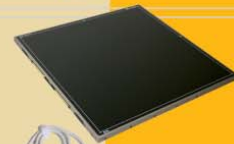
Size: 55.5 x 49 x 6 cm

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



(example)



(example)



(example)

* Various types of flat panel on request



Specifications subject to revision without notice

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