OR Technology

The **gold standard**
among the X-ray cases
for human medicine

Leonardo DR mini III

Large images
Anti-glare 21.5" (54.6 cm)
Full HD touchscreen monitor

Extremely long battery life
Up to 500 shots without charging

Very low case weight
Despite large HD monitor
only 9.5 kg (plus detector)

Razor-sharp X-ray images
thanks to globally proven image processing

Flexible detector sizes
Sufficient space for all 25 x 30 cm and 35 x 43 cm X-ray detectors incl. protection box

Leonardo DR mini III

The **gold standard** for medical services, disaster protection and homecare services

The integrated monitor is brought into the working position with a flick of the wrist

Robust, **extremely durable suitcase** made of the latest high-tech composite material with shock-absorbing edge reinforcement, splash-proof (IPX4)

Optional **wireless remote control** of the system via your smartphone using an app

Unbeatable image quality through automatic, intelligent image processing

Very low case weight of only 9.5 kg with large Full HD touchscreen monitor (without detector)

Intelligent power saving mode by folding down the monitor → You can continue working immediately within a defined time frame or the system shuts down automatically

The case can be comfortably transported by the **handle** or with the **carrying strap**

Easy removal of the X-ray detector from the **padded transport compartment**

Sufficient space for all **25 x 30 cm** and **35 x 43 cm** X-ray detectors incl. protection box

Anti-glare 21.5" (54.6 cm) Full HD touchscreen monitor for large X-ray images and comfortable diagnosis

USB connection

Optional **accessory bag** for transport-safe packaging of of spare batteries, chargers, etc.

Intuitive operation via *dicomPACS® DX-R* acquisition software with **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos, videos etc.

Power pack can also be operated with **external power pack** without batteries

Status display of the overall system in 4 colours for direct visualisation of the workflow

Standard **PC keyboard**

Replacing the batteries during operation, no need to shut down the system

Integrated diagnostic software offers a worldwide, fast and cost-effective exchange of information (via cloud or email)

System enables continuous, **cordless work for 8 hours with up to 500 X-ray exposures** (in double-battery operation; 18 Volt / 5 Ah)

Detailed information can be found at **www.or-technology.com**

Unlimited duration possible

Long running times through intelligent battery concept

A completely new concept for the power supply was developed for this X-ray case. It allows you to choose the batteries depending on the purpose so that you can X-ray for 3.5 or 8.5 hours or unlimited.

Batteries can be changed during operation.
→ **Advantage:** No shutdown of the system is necessary.

Batteries are not discharged when the case is switched off.
→ **Advantage:** Case is ready for immediate use, even if it has not been used for a long time.

Unit automatically switches to stand-by mode when the lid is closed.
→ **Advantage:** After changing the location, the computer does not have to be restarted.

The standard rechargeable batteries can be bought in almost any DIY store worldwide.
→ **Advantage:**

- no expensive special parts with complex logistics
- choice of large or small batteries possible - thus saving weight at the expense of running time can be realised
- With low financial investement, several batterysets can be used and, depending on requirements, an unlimited runtime can be achieved

Battery set (small)
18 Volt/2 Ah for a runtime of approx. 3.5 hours and approx. 200 X-ray exposures (0.35 kg/battery)

Battery set (large)
18 Volt/5 Ah for a running time of approx. 8.5 hours and approx. 500 X-ray exposures (0.62 kg/battery)

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 **400 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
- Additional **special functions**, such as **AI-supported and automatic thorax screening**, Chiro Tools (diagnostic tools for efficient analyses) and tools that assist with NUCCA examinations
- **User-defined macros for recurring examinations**, e.g. thorax screenings
- Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos, videos and correct X-ray images
- Option to **control** a digital X-ray system **via wireless remote** incl. display of the worklist, preview of the image taken for checking and much more

Detailed information can be found at **www.or-technology.com**

Integrated wireless X-ray detector with long battery life

The intelligent, wireless X-ray detectors of our XenOR series guarantee you you an optimal X-ray result.

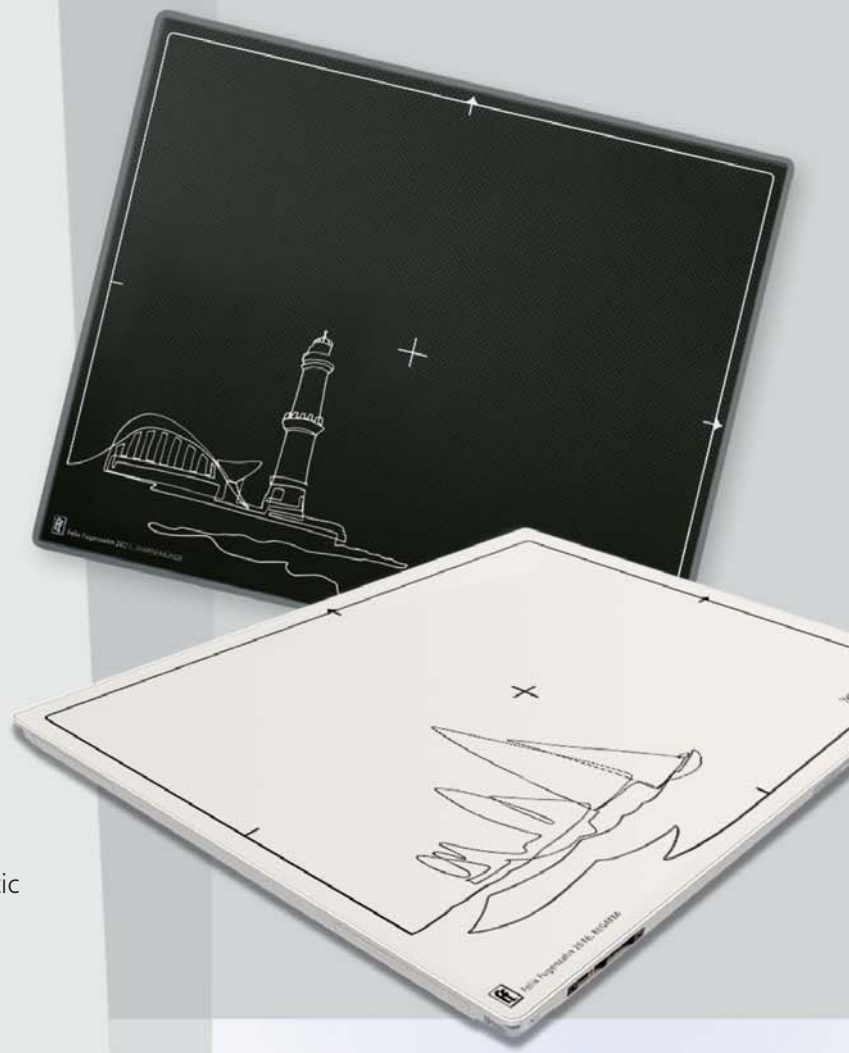
Choose between the following detectors*:

→ **XenOR 35-150WF** (CsI, 150 µm pixel pitch with 16-bit ADC for more image detail, battery capacity 5h, weight approx. 3.3 k)

→ **XenOR 35-100WF** (CsI, 100 µm, 16 bit, battery capacity 8.5h, weight approx. 3.0 kg)

Both X-ray detectors are equipped with AED (automatic synchronisation of detector and generator).

** Further sizes and variants on request*



Shockproof accommodation of the X-ray detector including protective cover

The case lid offers sufficient storage space for the protected transport of a 35 x 43 cm X-ray detector including a protection case.

Well-padded X-ray detectors up to a size of 35 x 43 cm find their place in the top shell of the case. You can loosen the fastening with one hand and remove the detector safely.

The transport compartment has been designed in such a way that there is also enough space for the protective cover (incl. handle) of your detector. This way, your detector is optimally protected from all environmental influences.

All **advantages** at a glance

Leonardo DR mini III

Standard components

Compact, lightweight X-ray suitcase

- *Extremely durable case made of the latest high-tech composite material with shock-absorbing edge reinforcement, splash-proof (IPX4), lockable*
- *Total weight: approx. 9.5 kg (includes complete X-ray case, monitor and and electronics, plus X-ray detector)*
- *Anti-glare 21.5" full HD touch screen monitor and standard PC keyboard*
- *High-performance PC with current Windows version*
- *Carrying strap for comfortable transport*
- *LED status display of the entire system in 4 colours*
- *Padded transport compartment for one detector, max. 14" x 17"*
- *Dimensions: approx. 545 x 515 x 194 mm (W x D x H)*
- *Connections: 1 x USB, 1 x LAN, 1 x WLAN, 1 x Bluetooth, 1 x DC socket*

CsI X-ray detector flex
25 x 33 cm (13“ x 10“) wireless

Wireless X-ray!
World's first CsI X-ray detector with flexible substrate - almost indestructible

or

CsI X-ray detector
35 x 43 cm (14" x 17") wireless

Various types of X-ray detectors on request

Wireless X-ray!
Caesium iodide scintillator (CsI), best image quality in clinical use - even at low X-ray doses, fast-charging, long-life rechargeable batteries, battery charger included

Leonardo DR mini III 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*

Battery set (optionally small or large)

- *Battery set (small) 18 Volt/2 Ah for a runtime of approx. 3.5 hours and approx. 200 X-ray exposures (0.35 kg/battery)*
- *Battery set (large) 18 Volt/5 Ah for a running time of approx. 8.5 hours and approx. 500 X-ray exposures (0.62 kg/battery)*

Optional components for the Leonardo DR mini III 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: Control of the process, e.g. checking or deleting images - attached to the arm or the or X-ray generator, it serves as a control element

Protection case 1417

Dimensions 47.9 x 46.7 x 2.54 cm (W x H x D), weight approx. 1.35 kg

Accessories bag

for transport and storage of spare batteries, chargers, cables, power supply etc.

Amadeo P high-frequency X-ray units

Portable monobloc X-ray units for high-quality X-rays: Low weight and simple operation guarantee versatile use

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OR Technology

www.or-technology.com | **X-perts in X-ray**

Headquarters:
OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c
Tel. +49 381 36 600 500, Fax +49 381 36 600 555
www.or-technology.com, 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, sales@celticsmr.co.uk

Info hotline: +49 381 36 600 600

Detailed information on the Leonardo DR mini III can be found at **www.or-technology.com**

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