



## OR Technology

Mobile X-ray solution  
for ambulatory and  
inpatient care

### Amadeo M-DR mini

Nato code CJ168 and NSN 6525-12-396-0317

- **Lightweight & mobile** for flexible and location-independent use
- For **X-rays from head to toe** on lying, sitting or standing patients
- **Uninterrupted work** in case of power failure/voltage fluctuations due to integrated rechargeable battery
- **Very safe** due to small control area
- **X-ray software included** for image acquisition and diagnostics incl. cloud connection
- Automatic, **AI-based thorax screening**

CE 0482

FDA  
510(k) cleared

 MDSAP Certification  
QMS ISO13485

 Amadeo M-DR **mini**

Fulfils almost all requirements & wishes:

**Light & mobile:**  
flexible and location-independent use - system is one of the lightest mobile and wireless complete X-ray systems worldwide

**Including X-ray software:**  
Operation via *dicomPACS DX-R Acquisition* console with 15,6" touchscreen monitor and integrated X-ray positioning guide

X-ray technology **„Made in Germany“**: durable, low-maintenance and crisis-proof



Automatic, **AI-based thorax screening** to detect various lung diseases\*

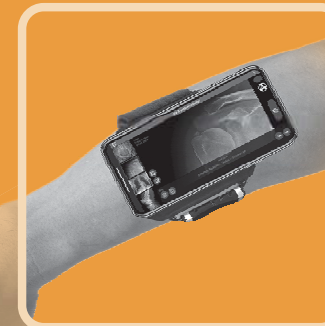
**Optimal stability and robustness**  
including splash-proof compartments, no external cable ducts

**Uncomplicated transport** System is easy to transport and fits into a normal estate car - system can be easily pulled over stairs, can be turned on the spot



**Status display** of the software on the unit (in 3 colours)

Your **smartphone as remote control** via app for planning and viewing images during the X-ray process



**Easy exchange of information:**  
integrated diagnostic software offers a worldwide, fast and cost-effective exchange of information (via cloud or e-mail)

**Problem-free X-ray:**  
fully integrated, multimedia X-ray positioning guide on the correct setting technique for every examination incl. many tips, photos, videos and example images

**Very safe:**  
Excellent lead shielding - only low housing transmission, therefore reduction of the control area to only 1.5 m.\*\*

**Uninterrupted work** in case of power failure and voltage fluctuations due to integrated rechargeable battery



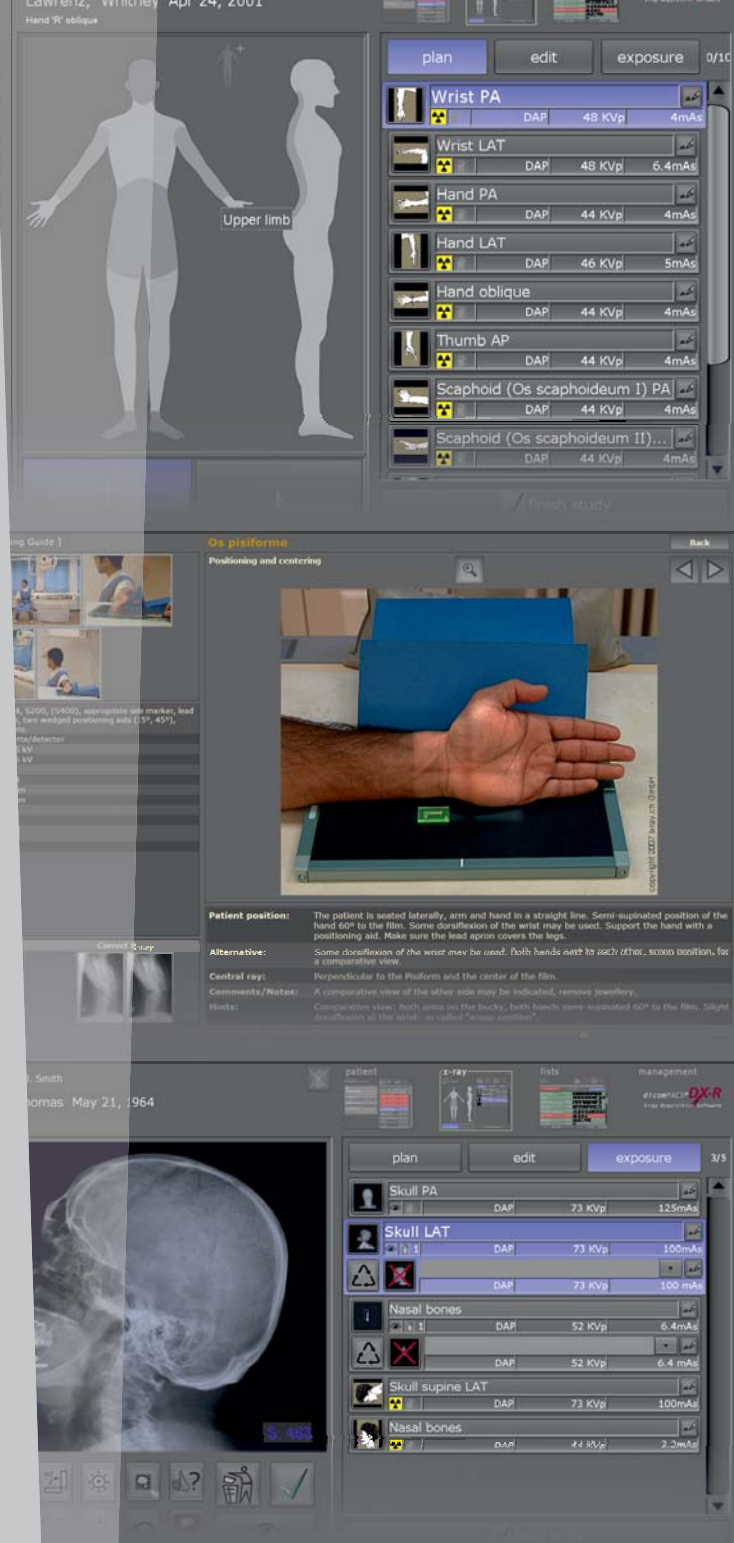
**Protected on long journeys:**  
Loading is very easy, without lifting the system, via an integrated driving ramp - system can be transported completely (final assembly is not required)

\*optional - Connection with AI-supported thorax screening through a qualified third-party provider  
\*\*depending on the selected X-ray source



# 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 patient data via **DICOM Worklist**, **BDT/GDT**, **HL7** or other protocols – data can also be captured manually
- Use **DICOM Procedure Codes** to transfer all relevant examination data directly from the connected patient management system (HIS/RIS)
- Configuration of **already integrated** body parts with more than **400 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 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



# Standard components

## Amadeo M-DR mini system

### Components of the mobile X-ray unit

Dimensions: 56,5 x 136,5 cm;  
with maximum height positioning: 124,6 x 195,5 cm

Weight: depending on the configuration



#### Stand

- Advanced industrial design
- All parts are made and assembled in Germany
- Built in notebook and X-ray detector compartments
- Excellent stability and mechanical strength yet lightweight
- Stairs are no obstacle to this lightweight X-ray system
- High tipover stability on uneven terrain
- Maximum height setting: approx. 187 cm from the floor while extending the X-ray tube to 55 cm
- Meets even the highest hygiene standards in hospitals



#### High frequency generator Amadeo P-110/100H

- 5 kW, 110 kV / 100 mA
- Modern LED light
- High-performance capacitor for stable and reliable power supply
- Equipped with remote control functions by hand switch
- Flat touchpanel, digital display, LED display
- Constant X-ray output without impact of power fluctuation
- 7 segment LED read out (reversible): mAs / KV, data storage and store button, LED indicator: ready & exp. wait



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

#### Operation by dicomPACS®DX-R acquisition station

Notebook incl. the professional console software dicomPACS®DX-R with modern graphic user interface with generator control, integrated X-ray positioning guide and basic software modules:

- dicomPACS®DX-R DICOM Send SCU
- dicomPACS®DX-R DICOM Patient CD
- dicomPACS®DX-R Cognition Optimised Processing



### Optional components

#### Transport box

for optimum protection made of plastic; loading the system into the box is easy thanks to the integrated ramp; there is no need to lift the system at all

#### 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. - a shot can be rescheduled directly in the app



#### Other optional features

- DAP meter (Dose area product meter)
- Portable X-ray table, including carrying case
- Portable wall stand, including carrying case
- Mobile table for patient positioning
- VersariX portable X-ray detector mounting system
- Mobile stand for DR detectors and cassettes

### Specifications subject to revision without notice

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More information about Amadeo M-DR mini can be found here: [www.or-technology.com](http://www.or-technology.com)