OR Technology

Mobile X-ray solution for ambulatory and inpatient care

Amadeo M-DR mini

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

Now even lighter & more mobile for flexible and location-independent use

Completely battery-operated & long runtimes with 8 hours standby and up to 200 shots without recharging

For **X-rays from head to toe** on lying, sitting or standing patients

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 Health Canada MDSAP Certification QMS ISO13485

*optional

Amadeo M-DR mini

A new experience of perfection

Next Level
Lighter.
Stronger.
Longer.

Now even better!

Completely Battery-Powered: From the detector to the generator, the device runs entirely on battery power, providing maximum mobility without the need for power outlets.

Weight-reduced Design: Significantly lighter than the previous model, improving transport and handling in various applications and environments. This optimises overall mobility. Swiveling the generator arm is much easier which significantly facilitates positioning the generator and increases the machine's tilt stability.

Long Battery Life: Can operate for up to 8 hours on a single charge of 2.5 hours, allowing continuous use throughout the day and in any environment without interruptions.

High Imaging Capacity: Capable of performing up to 200 high-quality X-ray images on a single charge, ensuring high efficiency and productivity in medical diagnostics.

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

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

Including X-ray software: Operation via Acquisition console with 15,6" touch-screen monitor and integrated X-ray positioning guide

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

Certification according Nato-Code CJ168 und NSN 6525-12-396-0317

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

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

Smartphone as remote control via app for planning and viewing images

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

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

Protected on long journeys: Loading is very easy, without lifting the system, via an integrated driving ramp - system can be transported completely

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

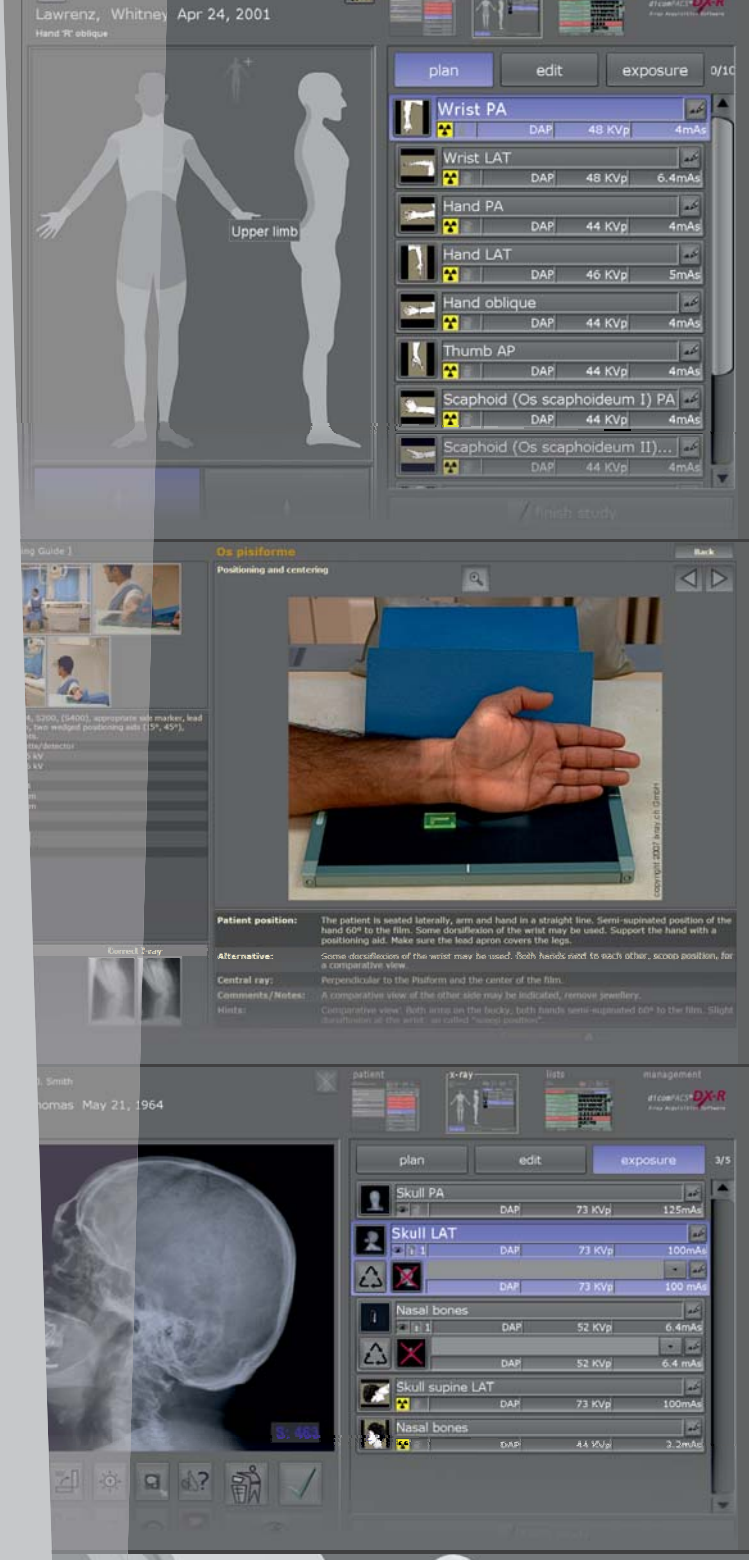
Uninterrupted work in case of power failure and voltage fluctuations due to integrated rechargeable battery

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

*optional - Connection of AI-supported thorax screening through the use of 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



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Standard components
Amadeo M-DR mini system

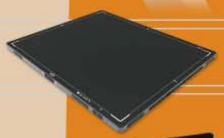
Components of the mobile X-ray unit

Transport dimensions: (1): L/W/H 74.0 x 56.5 x 136.5 cm;*
Max. dimensions (2): L/W/H 74.0 x 124.6 x 225.0 cm*

Weight: depending on the configuration

Stand
- *Advanced industrial design*
- *All parts are made and assembled in Germany*
- *Builth 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. 184 cm from the floor while extending the X-ray tube to 55 cm*
- *Meets even the highest hygiene standards in hospitals*

High frequency generator SIUI SR-8230S
- *Battery operated (no 230 V)*
- *5 kW, 40~125 kV, 1 kV per step*
- *200 shots at full power or standby operation of > 8 hours*
- *Batteries can be recharged inside and outside the generator*
- *External AC/DC power supply unit*
- *Touchscreen with more than 300 preset parameters*
- *Rotatable collimator*



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*

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

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More information about Amadeo M-DR mini
can be found here: **www.or-technology.com**