



Amadeo C DR

Ceiling-mounted X-ray system with Bucky wall stand & table





Amadeo X-ray Systems

- **Auto-tracking** of X-ray tube with wall stand and table bucky
- **Auto-positioning** with unlimited APRs and anti-collision sensors to ensure safety
- **Smart auto-stitching** of up to 5 vertically, up to 3 horizontally
- **6-way floating table top** with extremely low filtration for image quality

With XenOR detectors:

- **CsI scintillator coating**, 100/139/150 μm and 16-bit ADC ensures more detail with lower dose
- **AED** and fast image acquisition time ≤ 3 s
- High ingress protection housing **IP56**





Amadeo X-ray Systems

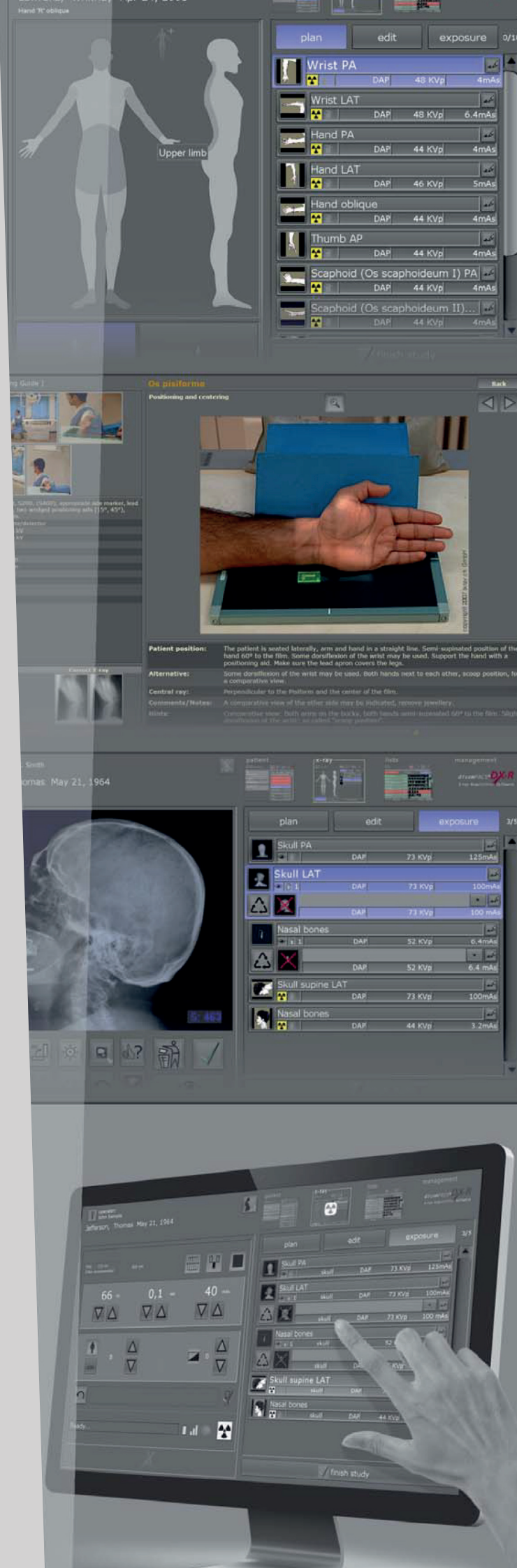
- **Tilting wall stand with LED system status**
- **In-bucky charging of detector in wall stand and table**
- **Smart 12" console with intergated generator parameter control, **live colimator camera view** and patient **positioning guide****
- **Touch handling of tube**
- **High-density **removable grids** with option of **gridless imaging****
- **User friendly dicomPACS®DX-R aquisition software (see next page)**
- **Wall stand bucky and tube **lowers to floor****



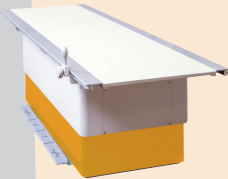


Advantages of professional acquisition software

- Modern graphical user interface (GUI) with **AI supported** reporting tools and optional AI-based thorax screening software
- Automatic image processing including: **gridless imaging (GLI)**, **bone suppression** and automatic dead pixel correction
- Capture patient data via **DICOM Worklist**, **BDT/GDT**, **HL7** or other protocols – data may also be captured manually
- Use **DICOM Procedure Codes** to transfer 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
- **Multi-generator operation** for alternating between mobile and stationary X-ray systems
- **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



Standard components Amadeo C systems

	Ceiling mount X-ray system with wireless X-ray detector 14" x 17" Amadeo C-DRw	Ceiling mount X-ray system with dual detector (17" x 17" fixed and wireless 14" x 17") Amadeo C-DR	Ceiling mount X-ray system with dual detector (2 x 17" x 17") Amadeo C-DR
50/80 kW HF generator	✓	✓	✓
X-ray table <ul style="list-style-type: none"> motorised X-ray table with 4-way floating table to (220 x 81 cm) (shorter lengths available for small rooms) 55 cm - 85 cm (table top heights) height adjustment 110 cm longitudinal, 24 cm transverse table top travel extremely low table top filtration for best exposure stable construction with high load capacity of the table, max. 225 kg (500lbs) heavy-duty cabinet (103 LPI, 10:1 grid), height adjustment 55 cm (other grids available) 	✓ 	✓	✓
Wall stand <ul style="list-style-type: none"> 155 cm motorised vertical travel fully counter-balanced, double rope system for safety negative electrical lock for easy positioning and permanent placement panel cover has permanent cross-lines and AEC field markers for easy patient and tube positioning heavy-duty grid cabinet (103 LPI, 10:1 grid), other grids available optional removable grid 	✓ 	✓	✓
Ceiling mount <ul style="list-style-type: none"> motorised or manual movements 150 cm or 180 cm vertical travel extendable ceiling rails for all room sizes asnd floor plans convenient LCD touch screen, Optional on-screen generator controls optional wired or wireless remote controller full range of auto-tracking options optional constant-focus stitching mode spring balanced construction with electromagnetic locks 	✓ 	✓	✓
X-ray tube 150 kVp Optical focal spot: 0.6 and 1.2, anode speed: 2,850 rpm Anode angle: 12°, heat capacity: 300 KHU, focal spot: 0.6 / 1.2 mm Max. KVP: 150 kVp	✓	✓	✓
1 x wireless Csl X-ray detector 14" x 17"	✓	-	-
1 x wireless Csl X-ray detector 14" x 17" and 1 x 17" x 17" Csl X-ray detector fixed	-	✓	-
2 x wireless Csl X-ray detector 17" x 17"	-	-	✓
Operation by dicomPACS®DX-R acquisition station Mini PC with 23" touch screen monitor, 1920 x 1080 Pixel 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 <ul style="list-style-type: none"> DAP meter (Dose Area Product meter) Upgrade from 50 KW to 65 KW or to 80 KW Patient mat for X-ray table, lateral holder for detector and much more Auto stitching 	✓	✓	✓

Specifications subject to revision without notice

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