



OR Technology

X-ray system for
thorax and other
X-ray images

on standing / seated patients

Amadeo T-DR

Ideal for small rooms –
fully operational even in
confined spaces

X-rays from head to toe
on a sitting or standing patient

Convenient operation
due to functional design

Time saving
No tedious turning of the detector
for portrait or landscape images

X-ray software included
for image acquisition and diagnosis
incl. cloud connection



System benefits

Optimal: for small rooms fully operational even in confined spaces

Complete: X-ray images from head to toe – X-ray images of the skull, thorax, pelvis, skeleton and extremities can be taken on a sitting or standing patient.

Simple: convenient, problem-free operation thanks to functional design – X-ray tube and Bucky tray can be lowered down to the ground

Time-saving: No additional effort required for rotating the detector (when using a 43 x 43 cm detector) – no tedious turning for landscape or portrait shots

Efficient: integration into your existing patient management system – patient data at the push of a button

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 software *dicomPACS® DX-R* including free special measurement functions

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

Cleverly designed: integrated X-ray positioning guide helps choose the perfect positioning for each examination inclusive helpful photos, videos and correct X-rays images

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

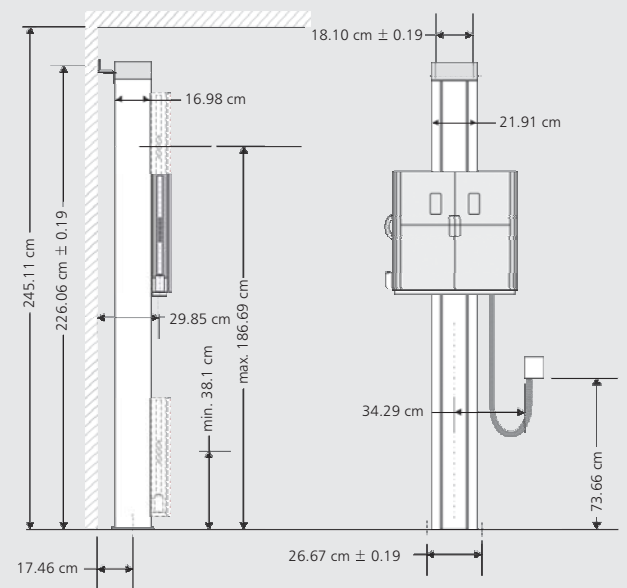
One of a kind: safe and quick registration of emergency patients and user-defined macros for recurring examinations, e.g. thorax screenings



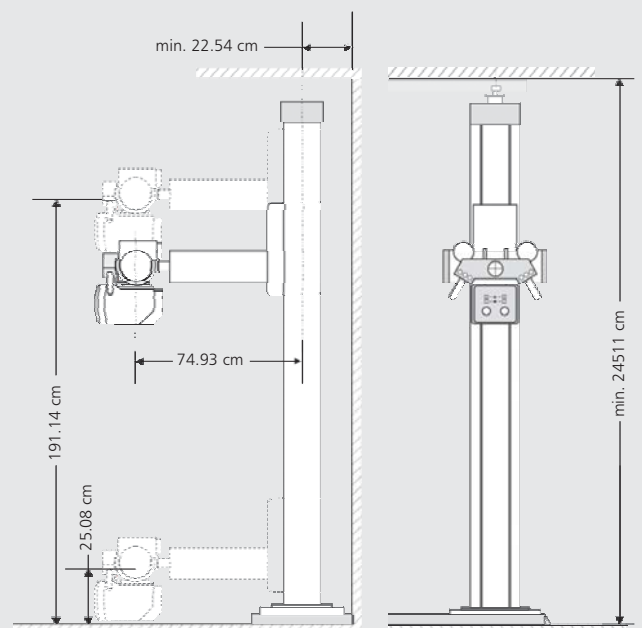


Measurements

Dimensions of the wall stand



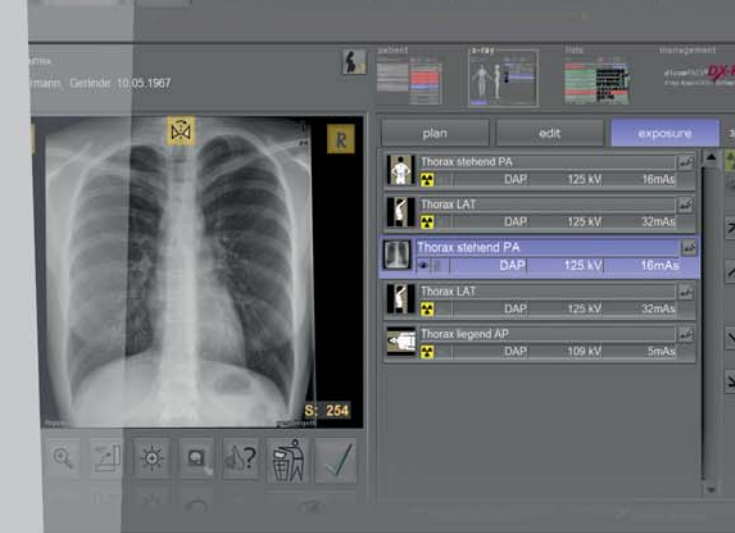
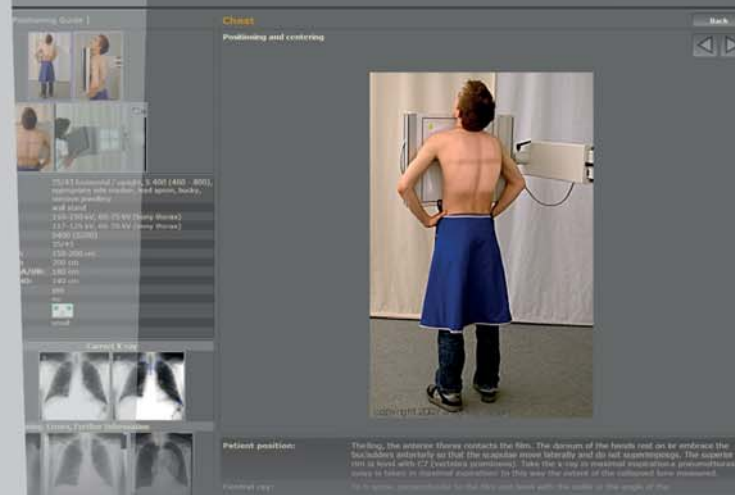
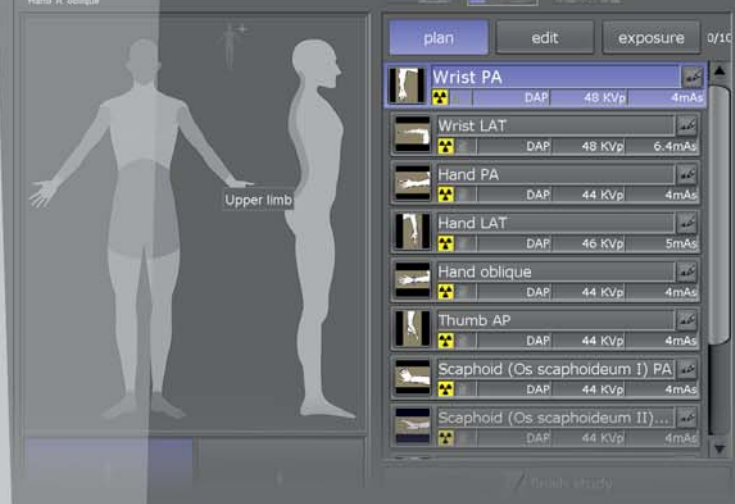
Dimensions of the X-ray tube stand



More information about
Amadeo T can be found here:
www.or-technology.com

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 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
- Additional **special functions** including Chiro Tools (diagnostic tools for efficient analyses) and tools assisting 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 T systems

	DR system with integrated fixed flat panel Amadeo T-DR	System for film/ CR cassettes without generator control Amadeo T-AX
50 KW HF generator	✓	✓
Wall stand <ul style="list-style-type: none"> • Height adjustment, with counterweight balance (vertical movement range 149 cm) • Motorised Bucky for oscillating grid • Oscillating grid for FDD 100 – 180 cm • 3-field ionisation chamber (AEC) • Choice of electrical or mechanical brakes • Easy glide system for effortless vertical positioning 	✓	✓
Tube stand <ul style="list-style-type: none"> • Rail mounted stand with command / tube support arm, • Smooth motion as a result of counterweight balance • Height adjustable with 360° rotation • Movement range: longitudinal 195 cm, lateral 162 cm • Manually adjustable collimator with halogen full field light beam indicator 	✓	✓
X-ray tube 150 kVp Anode revolutions: 2,850 rpm, anode angle: 12°, heat capacity: 300 KHU, focal spot: 0.6 / 1.2 mm, max. KVP: 150 kVp	✓	✓
CsI flat panel detector 43 cm x 43 cm (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: <ul style="list-style-type: none"> • dicomPACS® DX-R DICOM Send SCU • dicomPACS® DX-R DICOM Patient CD • dicomPACS® DX-R Cognition Optimised Processing 	✓	–
Operator control via generator control console	–	✓
Optional components		
• DAP meter (Dose Area Product meter)	✓	✓
• Upgrade from 50 KW to 65 KW or to 80 KW	✓	✓
• Wall stand with tilting function	✓	✓
• Autotracking: Automatic positioning of the X-ray tube when moving the bucky tray	✓	✓

Specifications subject to revision without notice

The editor strives to impart correct and up to date information. The provided specifications are based on current knowledge and are subject to revision without notice. This brochure is subject to correction. The editor assumes no responsibility for the information being up to date, correct and complete.

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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

