



OR 4Vet

Multimodal image diagnostics  
that inspire.

# Amadeo V mini II

## Complete X-ray solution

Space-saving X-ray system for your small animal practice



For operation via  
standard socket outlet

Automatic  
collimator light

Completely  
flat table top



 OR Technology

The expert by your side.



# Excellently designed X-ray system „Made in Germany“

Swivelling monitor-arm  
mount (180°) with  
24" touchscreen monitor  
including integrated  
X-ray software



High-frequency  
generator directly  
integrated in the X-ray table  
with rotating light shield



3-stage  
LED status  
display



Table extension by  
40 cm, loadable up to  
15 kg and easy to to  
install (optional)



Level 4 way floating  
table top & absolutely  
noiseless brakes

Automatic collimator  
light when person  
approaches the  
table [light stays on  
during positioning]



Clamps for  
attaching  
fixing straps

Completely level  
table top without  
upstands



PC and drawers for  
positioning aids etc.  
integrated in the table



# Quality that inspires!

## Your advantages:

**Comfortable:** convenient operation of the integrated *dicomPACS®DX-R* acquisition and diagnostic software

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

**Excellent:** high-quality CsI X-ray detector – top image quality even at low X-ray doses

**Cleverly designed:** integrated X-ray positioning guide (for examinations of cats and dogs)

**Resistant:** simple upgrade for reporting at additional workstations incl. use of tablet/MAC

**Up to date:** support of the very latest DICOM standard – connection to all PACS solutions

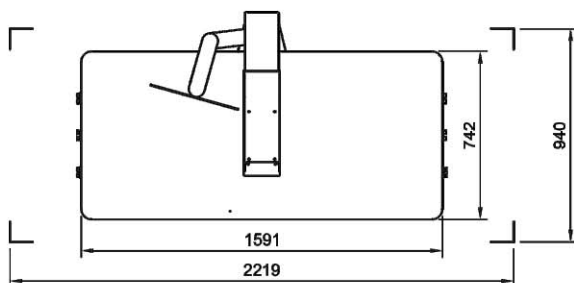
**Cost-effective:** simple extension to a hospital PACS solution with integration of all image sources and availability at all workstations

**Clean:** easy cleaning and disinfection

**Design:** Ambient lighting for a pleasant atmosphere in the examination room

## Dimensions: 4-way floating table system

with generous travel distances and absolutely noiseless brakes



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



# Advantages of professional acquisition software

Modern graphical user interface, **touchscreen** operation

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 **200 projections** and numerous possible adjustments

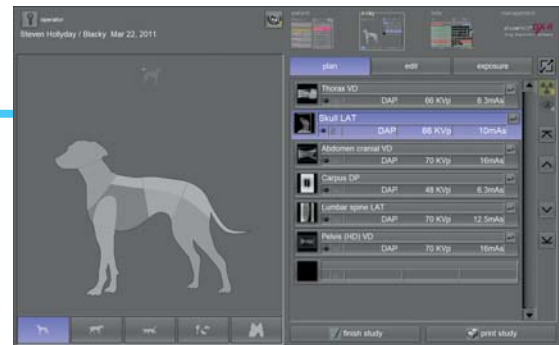
Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently

Allows the user to **subsequently add images** to an examination, even after that examination has already been completed

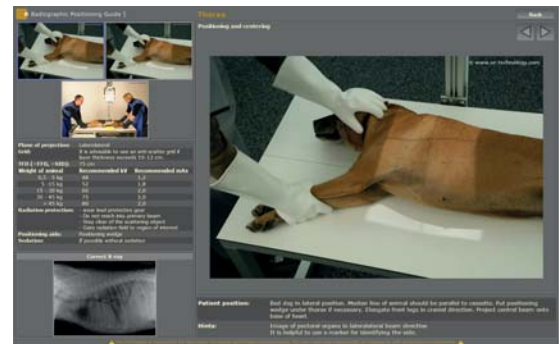
Special tools for veterinary medicine, such as an extra dialogue box for patient and owner data, **automatic hip dysplasia measuring (AI-based)**, **MMP**, **TTA**, **TPLO** and **vertebral heart score (Buchanan)**, **special image filters** and much more

Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos and correct X-ray images

Suited for use in dental medicine, e.g. with a digital dental sensor or a dental CR system



Planning the X-ray examination



Integrated multimedia X-ray positioning guide



Preview image of the X-ray image



Diagnostic in the professional PACS viewer



Amadeo V **mini II**

# Specification of the X-ray system with swivelling monitor

## HF generator

- 32 kW HF generator for 230 V~ line voltage, 50/60 Hz single phase (standard socket)
- kV range from 40 - 125 kV
- mA Range 80 - 400 mA
- Switching time from 0.004 – 1.5 s

## X-ray stand with table

- X-ray stand with fixed FFA = 105 cm
- Professional monitor-arm mount for convenient operation (180° swivel range, height adjustable)
- Rotatable collimator with LED light and timer, control via brake
- 4-way floating table system, generous travels, very quiet brakes
- Large, completely flat table surface without upstand (1591 x 742 mm) with scratch-resistant, dose-optimised table top, table height 839 mm
- Built-in PC (depending on version)
- Integrated drawer for positioning aids etc.
- 3-stage LED status display → Visualisation of operating status
- Stable and durable design of all components
- 2-step foot switch (prepare / X-ray shot)
- Weight approx. 245 kg
- Automatic collimator light when a person approaches within 20 cm, light stays on while the animal is positioned and turns off 10 sec. after leaving the table

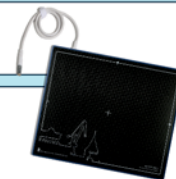


A video to demonstration can be found here:



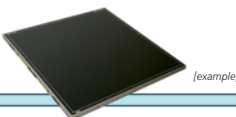
## X-ray tube 125 kVp

Rotating anode X-ray tubes with double focus, focal spot 0.6 / 1.3 mm



## Direct radiography flat panel detector 35 cm x 43 cm

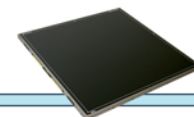
Excellent image quality even at low radiation dose -  
Different sizes and resolutions available



[example]

## Direct radiography flat panel detector 43 cm x 43 cm

Excellent image quality even at low radiation dose -  
Different sizes and resolutions available



[example]

## Operation by dicomPACS® DX-R acquisition station

PC with 24" touch screen monitor (1,920 x 1,080 Pixel) with rotating (180°) monitor arm bracket with professional, sturdy support arm including dicomPACS® DX-R acquisition and diagnostic software with modern graphical user interface including basic software package and integrated X-ray positioning guide provides information on the correct adjustment technique for each examination, including:

- dicomPACS® DX-R Generator Control
- dicomPACS® DX-R DICOM Send SCU inkl. MPPS and Storage Commitment
- dicomPACS® DX-R DICOM Worklist SCU + dicomPACS® Connect
- dicomPACS® DX-R DICOM Patient CD
- dicomPACS® DX-R Cognition Optimised Processing



## Fixing clamps

Clamps for holding ties to fix the animal in place so that staff can leave the controlled area during the shot



## Optional: Table extension by 40 cm

- Quick and easy installation due to convenient "click system".
- Only a few steps required and can be installed without tools, e.g. screwdriver
- can be attached left or right, without upstands
- Loadable up to 15 kg
- Total length of table top incl. extension 199.2 cm
- Total travel changes to 302.5 cm with table extension



A video on the handling you can find here:





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that inspire.

**Everything from a single source:** PACS | X-ray | Ultrasound | CT  
OR 4Vet. Because image diagnostics only needs one partner.

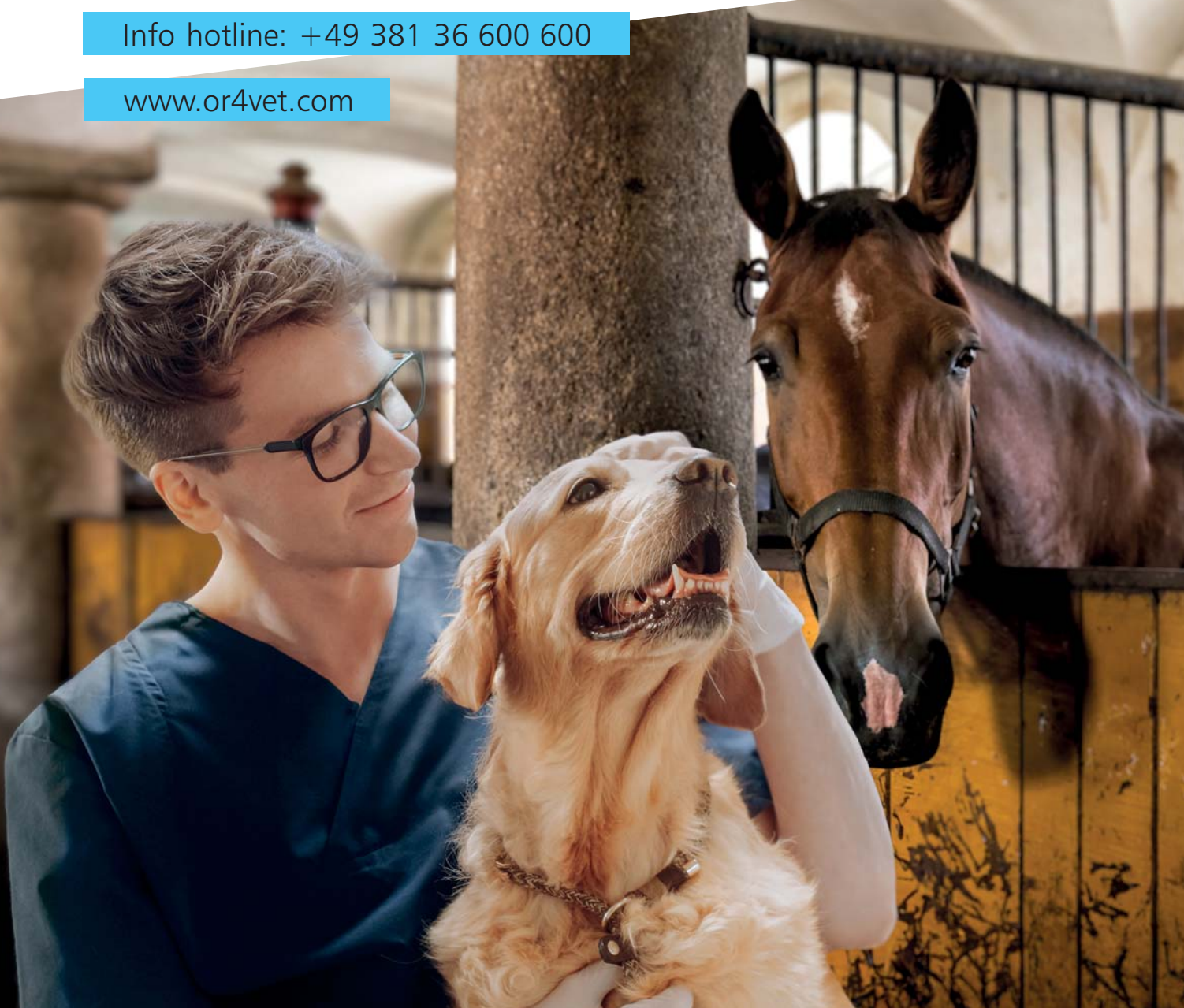
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