Cost-effective full
X-ray system for small
animal practices

Amadeo V nano II

- **5,6 kW High-frequency generator** directly integrated in the X-ray table with rotatable light-beam diaphragm

- **0.6 / 1.8 mm tube focus**

- Floating, **completely flat table top** without upstands with generous travel distance

- Connection to **standard socket** (230V~/10A) – no major modification measures necessary

- Large integrated **drawer** for positioning aids etc.

Amadeo V nano II

Fulfills all your requirements and wishes:

X-ray generator convenienthy operable via touch screen

High-frequency generator with vibration-free suspension and with rotatable light sighting diaphragm

Generator control for the entire small animal spectrum

Clamps for attaching fixing straps

Level 4-way floating table

Completely flat table top without upstands

Large drawer with 2 compartments for small parts and positioning aids etc. integrated in the table

Connection to standard socket (230V~/10A)

Special advantages

Excellent: high-quality X-ray detector based on a caesium iodide (CsI) scintillator – top image quality even at low X-ray doses

Optimal: removable grid for perfect image quality (optional)

User friendly: intuitive OR Technology acquisition software *dicomPACS®DX-R* including free special measuring functions und generator control (except AX version)

Efficient: integration into your existing patient management system – patient data at the push of a button (except AX version)

Upgradable: 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

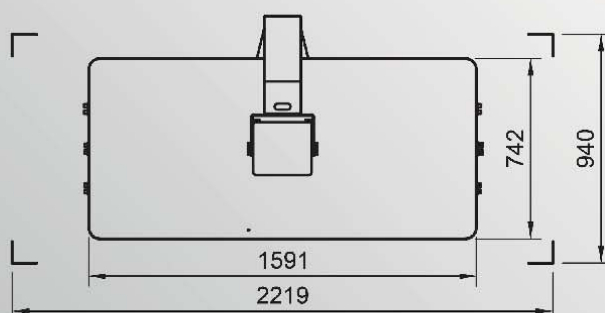**Clean:** easy cleaning and disinfection

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

More information about
Amadeo V nano II
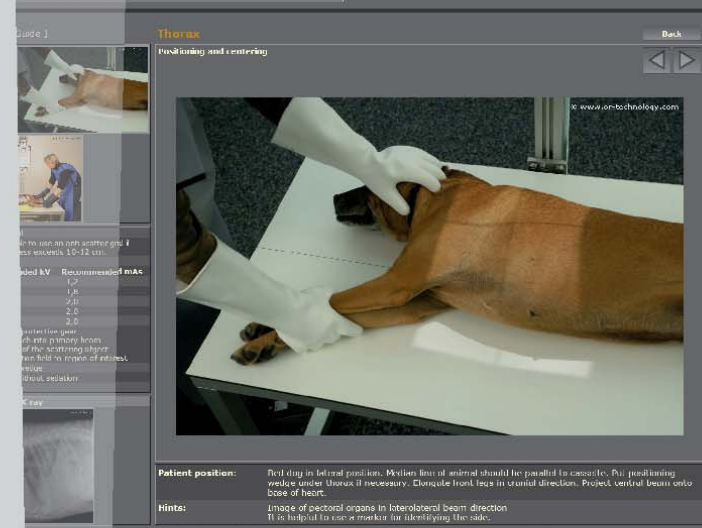you can be found here:
www.or-technology.com

4-way floating table system with
generous travel distances and very quiet brakes

742

940

1591

2219

Professional acquisition and diagnostic 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 dialog 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

Standard components of **Amadeo V nano II**

	X-ray system with fixed CsI X-ray detector 14" x 17" **Amadeo V-DR nano II**	X-ray system with fixed CsI X-ray detector 17" x 17" **Amadeo V-DR nano II**	X-ray system for use with film/CR cassettes or existing DR system without generator control **Amadeo V-AX nano II**
HF generator incl. X-ray tube • Nominal power 5,6 kW • 40 kV - 125 KV, in 1 kV increments • Dual focus tube, focal spot 0.6/1.8 mm • Rotatable collimator • Power 220-240 V single-phase (standard socket)	✔	✔	✔
X-ray stand and table • *X-ray stand with fixed SID = 105 cm* • *Rotatable collimator with LED light* • *Table system with four way floating table top and very quiet brakes* • *4-way floating table system with generous travel distances and very quiet brakes* • *Large, completely flat, scratch-resistant and dose-optimised table surface without upstands, dimensions: 1591 x 742 mm, table height 839 mm* • *At the table end faces 3 pcs. each fixing clamps (cleats/rope ties) for holding ropes* • *Integrated drawer for positioning aids etc.* • *Indirect lighting through LED strips between the drawers.* • *Stable and durable design of all components in modern design* • *Foot switch, 2-stage (collimator light on / X-ray shot)* • *Weight approx. 180 kg*	✔	✔	✔
CsI X-ray detector 35 cm x 43 cm *Excellent image quality even at low radiation dose - Different sizes and resolutions available* [Example]	✔	–	–
CsI X-ray 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) 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 Worklist SCU + dicomPACS® Connect* • *dicomPACS®DX-R DICOM Patient CD* • *dicomPACS®DX-R Cognition Optimised Processing* • *dicomPACS®DX-R DICOM Send SCU inkl. MPPS and Storage Commitment*	✔	✔	–
Fixing clamps *Clamps for holding ties to fix the animal in place so that staff can leave the controlled area during the shot*	✔	✔	✔

Optional Components

• *hand switch*
• *Grid for 17" x 17" detectors - 200 LPI*

☺ OR Technology

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

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