



Small Animals

CDR digital vet
X RAY SYSTEM



 **ibis**
X RAY SYSTEMS

CDR Digital Vet

CDR Digital Vet represents a complete solution for veterinary digital imaging, ideal for performing radiographic examinations on companion animals.

The system is built with high-quality components, the same used in radiological equipment for human applications, ensuring reliability, safety, and high performance for both operators and patients.

Compact and easily integrated within the veterinary clinic, CDR Digital Vet operates with a standard 3kW electrical system, using a common 230V 50/60Hz outlet.

It comes standard with a workstation to be placed near the radiology room, but it can also be configured with a touch-screen monitor on a column for greater ergonomics and ease of use.

The system is compatible with digital detector panels and can be directly interfaced with the IBIS generator.

The workstation manages the acquisition and post-processing software, automatically adjusting exposure parameters (kV, mA/mAs) based on the selected anatomical region, thus optimizing workflow and diagnostic qual

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Key Strengths

Reliable: All components undergo rigorous quality, reliability, and safety checks, ensuring consistent performance over time.

Comfortable: The four-way floating table, equipped with silent mechanical brakes, ensures easy handling and maximum comfort for patients.

Compact: The X-ray generator is integrated into the base, minimizing footprint and simplifying installation.

Cost-Effective: Operates with a standard 3 kW electrical system, with no need for three-phase installations or structural modifications.

Intuitive: The simple, user-friendly display with bidirectional communication to the workstation makes interaction quick and efficient.

Fast: The radiographic image is displayed on the workstation in less than two seconds, enabling immediate reporting and/or post-processing.

Practical: The table is equipped with integrated tie-down rails to facilitate traction and safe positioning of animals.

Complete: All-in-one system integrating all functions: patient registration, image acquisition, post-processing, and study export



Technical Specifications

Generator:

High Frequency 100 kHz
32 kW – 230 V – 50/60 Hz
Single-phase
kV range: 40–125
Up to 425 mA
Range: 0.2–320 mAs
2- or 3-point technique
Focal spot selection

X-Ray Tube:

Rotating anode at 3,000 rpm
Focal spots: 0.6 – 1.3 mm
1,200 kHU

Collimator:

2 pairs of shutters
LED light 250 lux at 100 cm
30-second timer
Light activated by X-ray footswitch

Acquisition System:

Direct digital panel
High-quality software
DICOM 3.0 compliant
APR functionality
Direct communication with generator



System Advantages

Modern and intuitive graphical interface to ensure a fast and efficient workflow.

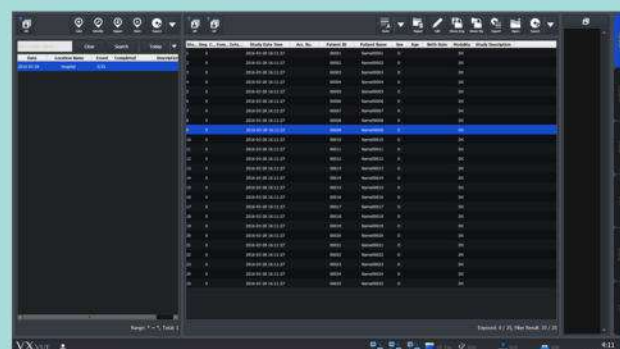
With DICOM functionalities, studies can be managed via worklist; the software can be interfaced with any PACS.

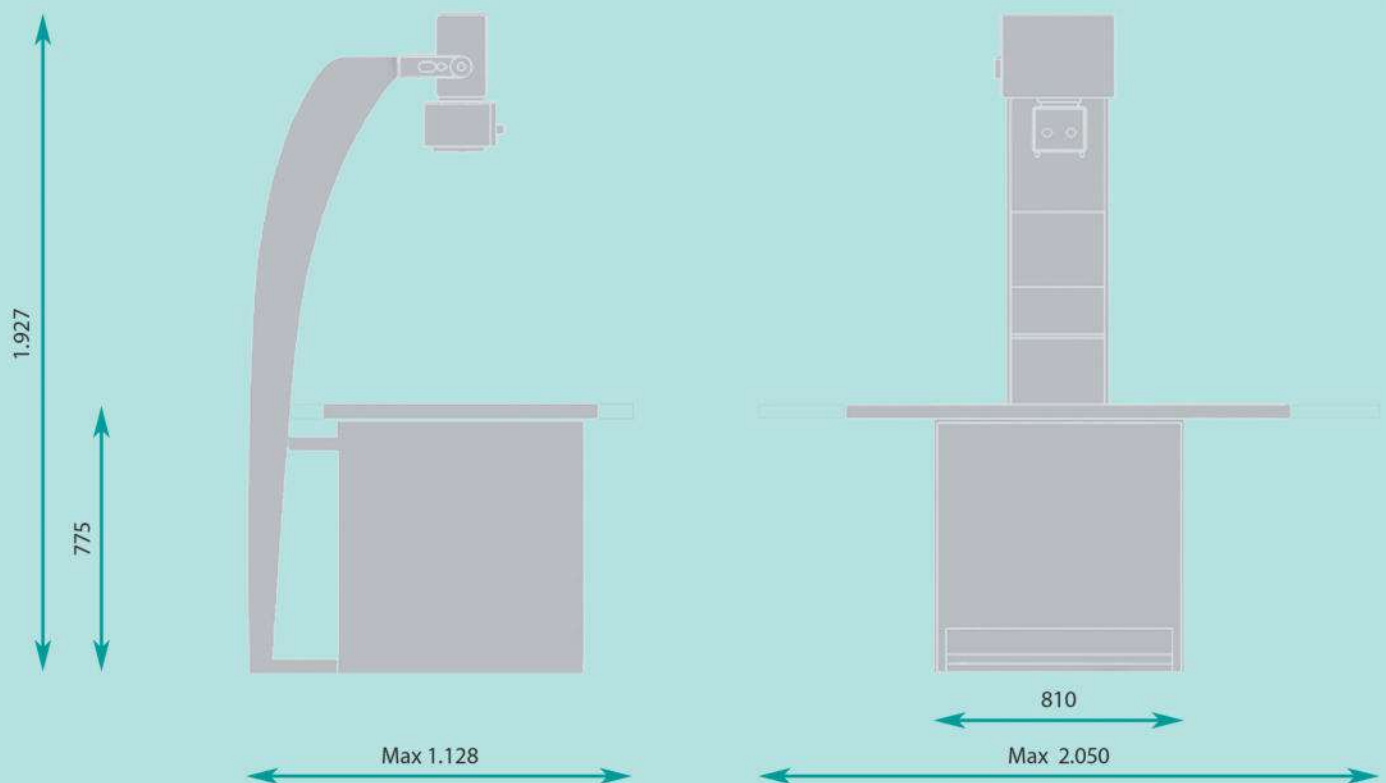
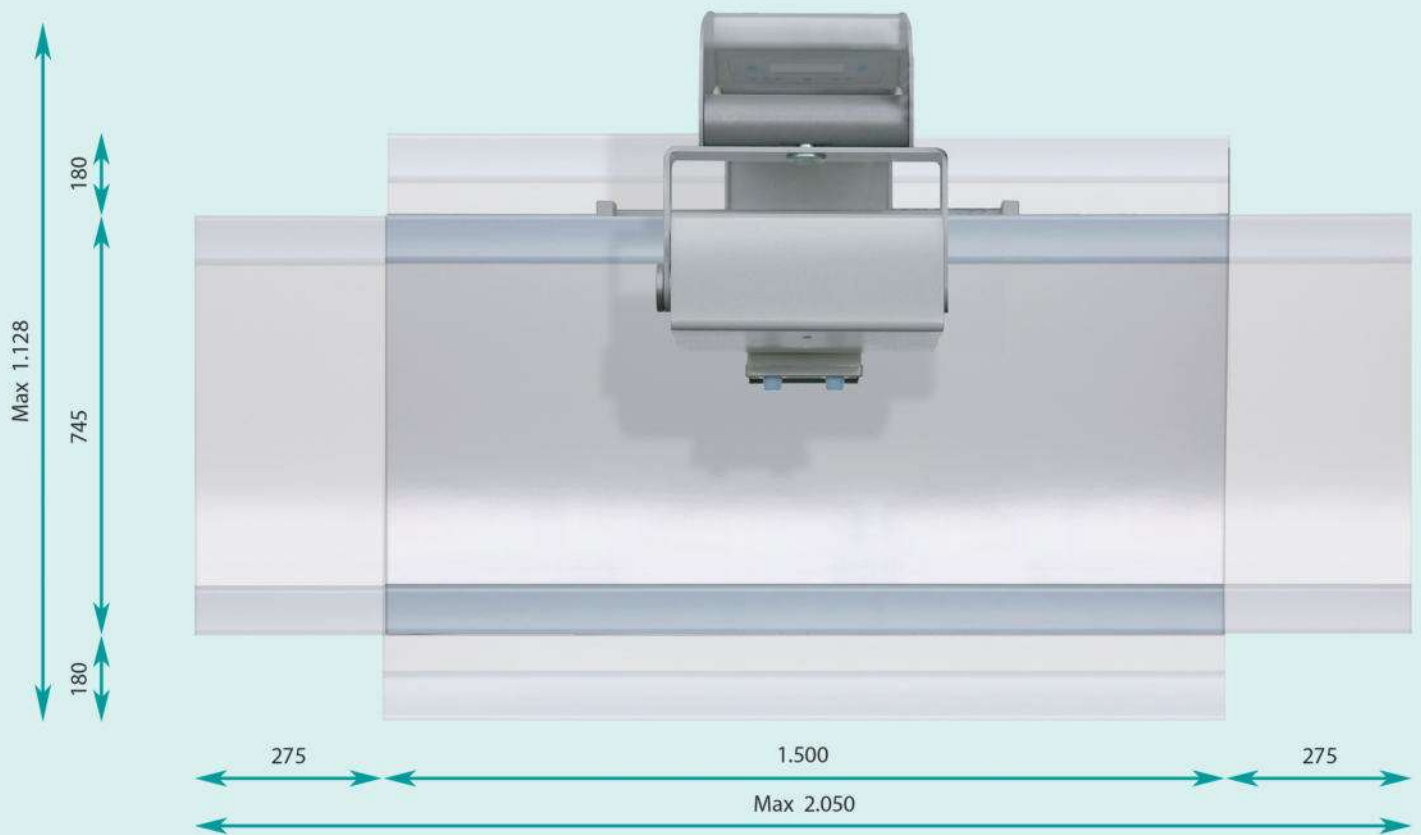
The software provides different templates for each type of patient (canines, felines, exotics, birds) with corresponding APRs stored and customizable by the user.

Completed studies can be compared with each other, and new images can be added to an existing patient study if needed.

Dedicated section for measurements specific to small animals: TTA, TPLO, Norberg, VHS, and Hip Distraction Index.

Integrated Pure Impact software automatically enhances image quality, contrast, and definition







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