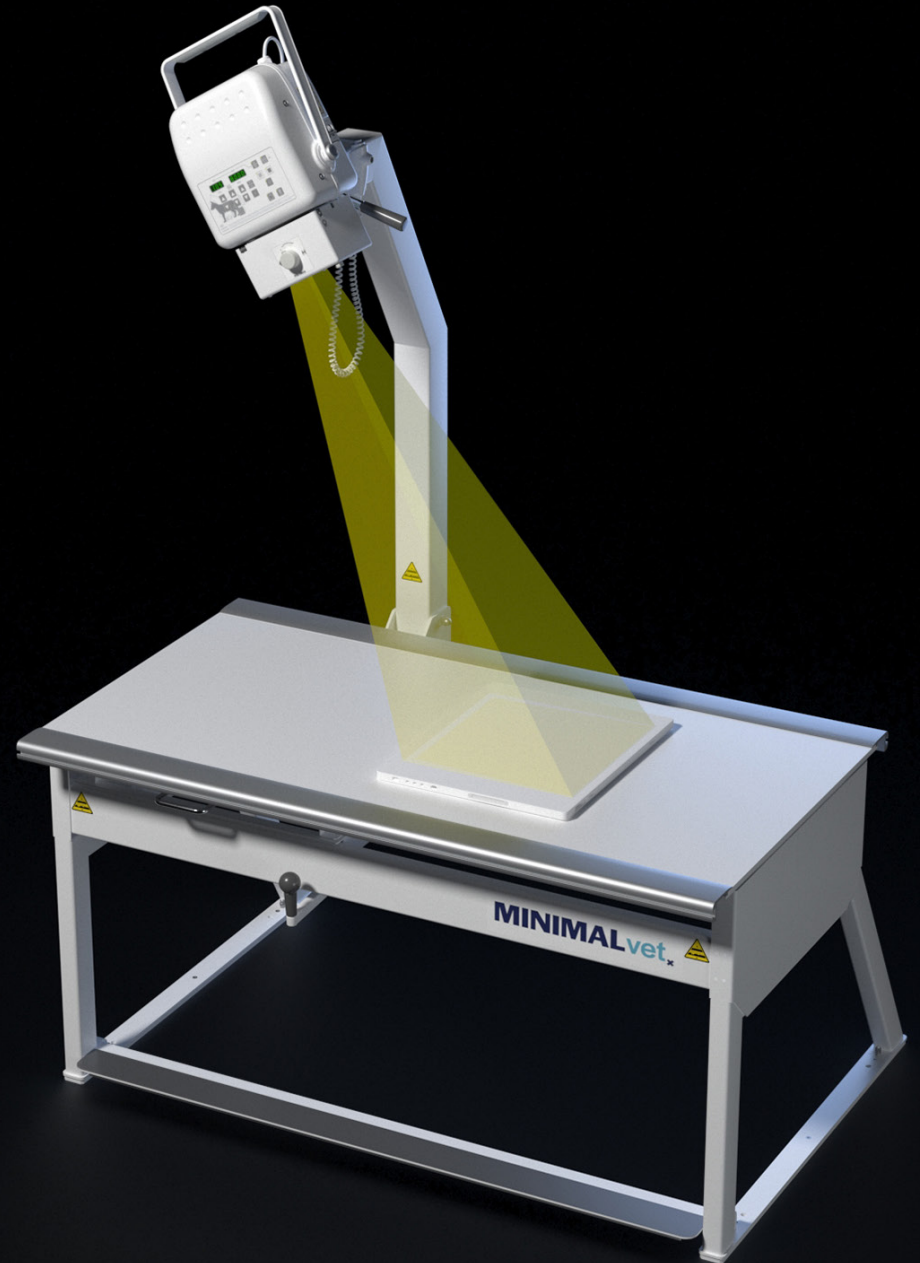


# MINIMALvet<sub>x</sub>

Ideal for tight spaces



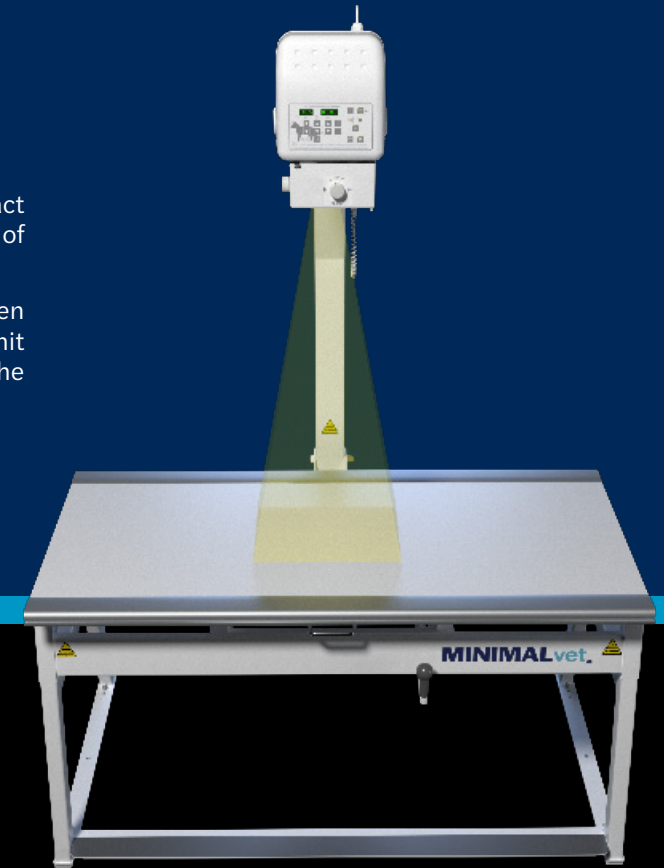


# MINIMALvet<sub>x</sub>

## Covers everything

From head to tail, MINIMAL Vet is the perfect choice. This compact system provides you the flexibility required for a wide variety of examinations and positions, including oblique projections.

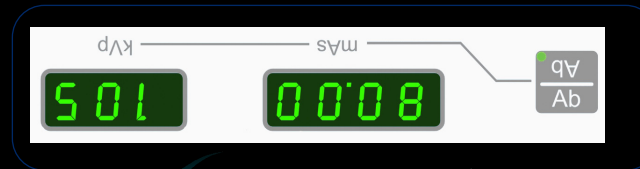
The 8kW output power delivers crisp and artefact-free images, even in large pets. This multi-purpose portable system allows the x-ray unit to be used in the clinic and out in the field, allowing you to image the patient wherever the need is.



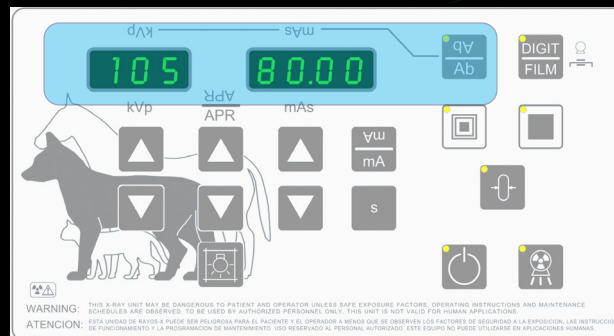
## Intuitive control panel for a fast and easy workflow

Easy access to the exposure parameters, thanks to the built in Anatomical Programmed Radiography (APR) with 20 pre-set radiographic techniques which are “user adjustable” for the unique characteristics of each body part of the animals anatomy.

The mAs and kVp display are equipped with a button that rotates the display depending on the X-ray unit orientation for use in the field.



FLIP DISPLAY

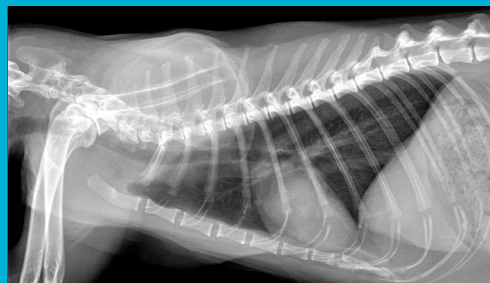


## 8kW Output Power

Small size of powerfull 8 kW unit delivers the energy enough to X-ray any part of the animal's body, whatever the anatomical region of interest.

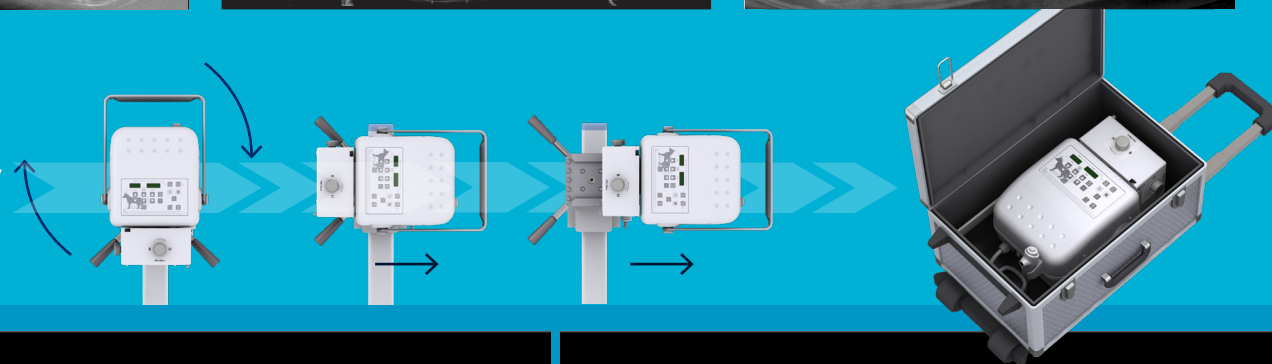
## Compact design for tight spaces

Designed for Veterinary Clinics with tight space, MINIMAL Vet system table-top is 140 cm (55 1/8") long only, which is comfortable enough for keeping the patient stationary during the exam.



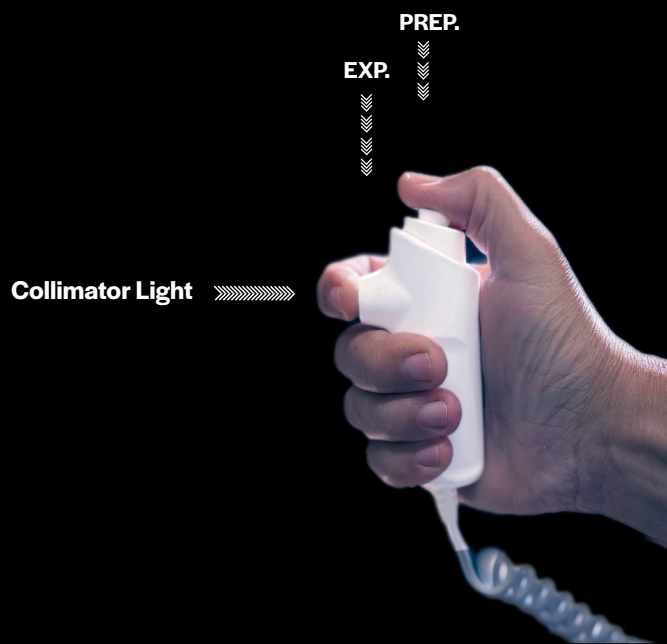
## Clinical and field versatility

With the Minimal Vet, it is easy to remove and transport the portable x-ray unit for examinations in both the clinic and field, wherever needed.



## New hand switch – simplified use

The new manual hand switch with the collimator activation button allows one handed activation of the collimator LED light and exposure.



## More comfort for the animal, easier for the operator

The MINIMAL Vet System can image from head to tail without having to move the patient, thanks to the longitudinal (head to tail) movement of the X-ray generator and the detector tray.

## Noise-free, stress-free system

The quiet mechanical brakes used for locking the movement of X-ray unit and cassette tray, allows the MINIMAL Vet system to reduce the braking noise to a minimum, achieving a stress-free exam.

## Digital version

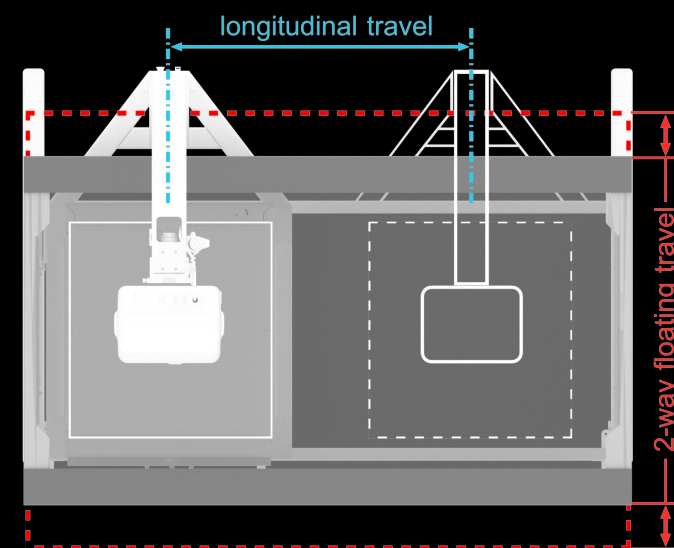
Optional Digital Upgrade Kit is available. DR kit is composed of 43x43 cm detector (Csi scintillator), PC Workstation, Professional Imaging Software and state-of-the-art diagnostic monitor.

**Direct control of X-Ray unit from imaging Software!!**

**No management of the X-Ray emitting unit is required!!**

## Longitudinal and Transversal movements

Easy alignment of X Ray beam to the anatomical area, thanks to the transversal movement of floating table-top, and longitudinal movement of the join assembly consisting of the R-X emitter, tube stand and detector enclosure, allowing for a precise positioning.



# MINIMALvet<sup>x</sup>

## TECHNICAL SPECIFICATIONS

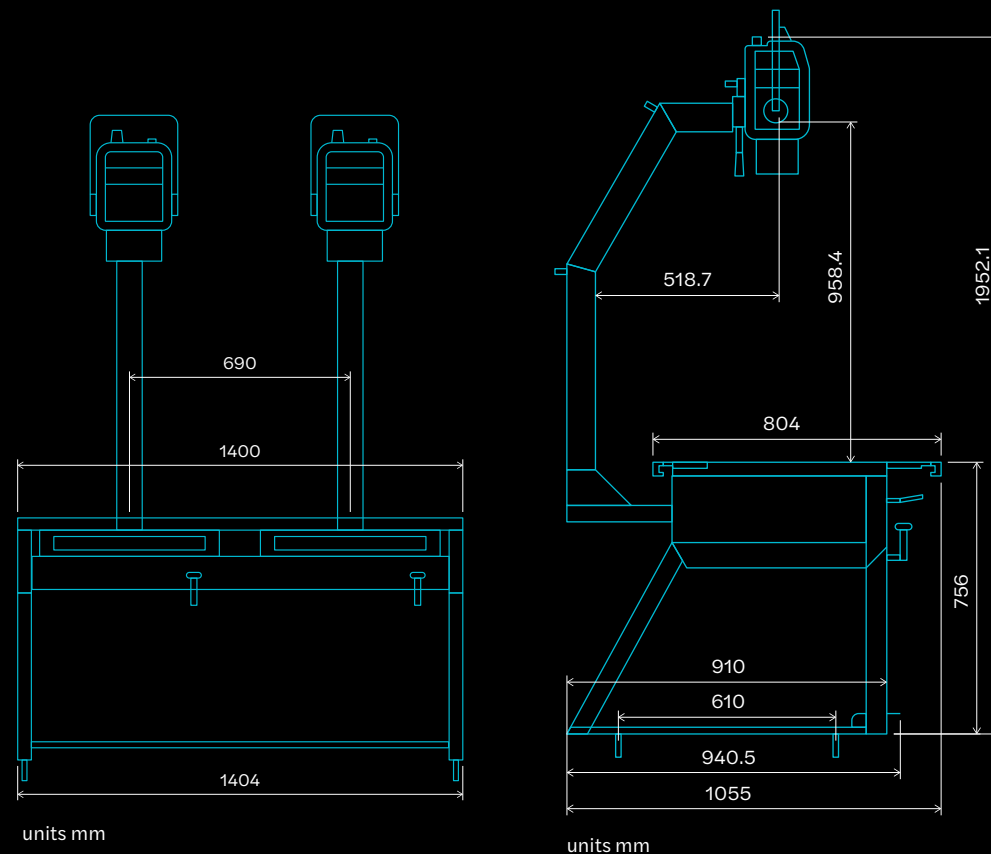
### GENERATOR SPECIFICATIONS

CONSTANT OUTPUT POWER	8 kW	5 kW
Inverter Frequency	300 kHz	300 kHz
Anode Voltage Range	40 - 125 kVp	40 - 125 kVp
Anode Current Range	5 - 100 mA	5 - 100 mA
Exposure Time Range	0.001 - 10 seg	0.001 - 10 seg
Range of mAs	0.1 - 250 mAs	0.1 - 250 mAs
Focus	0.6 / 2.8 mm	0.5 / 1.8 mm
Line Voltage & Phase	Single Phase 220 - 240 V.a.c, 50/60 Hz 30A (C-type), 16A (D-type) circuit breaker	Single Phase 100 - 240 V.a.c, 50/60 Hz 20A (C-type), 13A (D-type) circuit breaker
Power Output	121-125 kVp @ 40 mA 111-120 kVp @ 50 mA 101-110 kVp @ 64 mA 100 kVp @ 80 mA 80 kVp @ 100 mA	121-125 kVp @ 25 mA 111-120 kVp @ 32 mA 101-110 kVp @ 40 mA 100 kVp @ 50 mA 60 kVp @ 80 mA 50 kVp @ 100 mA

### DIGITAL UPGRADE

Detector Type	Amorphous Silicon, Tethered / Wireless
Scintillator	Cesium Iodide (CsI)
Image Area	43x43 cm
Pixel Size	150 μ / 100 μ
Dynamic Range	16 bits
Sedecal Vet Software	Measurement tools: VHS, TTA, TPLO, Norberg's Angle
PC Workstation	2 x 1TB hard disk drive - RAID 1 configuration, 8 GBytes RAM Memory
Diagnostic Monitor	24", IPS, 2MPx color DICOM preset

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