

X-ray Generator Specifications

Constant Potential kW ratings	16 kW / 20 kW / 32 kW
kVp Range	40 – 125 kVp
mAs Range	0.1 – 500 mAs
mA Range	10/12.5/16/20/25/32/40/50/64/80/100/125/160/200/ 250-(16kW)/320-(20kW)/400-(32kW)
X-Ray tube	1.0/2.0mm (Conventional system) 0.3/1.0mm (Digital system)
High frequency X-ray generators available	Line, batteries and capacitor assisted

Table Features

Type of brakes	Electromagnetic brakes
Table top lenght	Standard 150 cm; 180 y 200cm - optional
Maximum weight	95 Kg
Type of table-top	Floating - 4 way table-top

Digital Detector Specifications (NEOVet DR model)

Scintillator	CsI (Cesium Iodide)
Image active field	43 x 43 cm (17"x 17")
Image matrix size	3.008(H) x 3.072(V) pixels
Pixel size	143 microns
Preview image display	3 seconds
Dynamic range	14 bits (16.384 greyscale levels)

*Digital detector especifications available for system Premium Vet on request



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NEOVet Series

SEDECAL Vet



Expected
minimum
system life



16kW
20kW
32kW

NEOVet is an X-ray digital system, created specifically for veterinary purposes using medical technology. This model has been designed with the highest performance available in the current market. A powerful high frequency generator is incorporated (16kW, 20kW and 32kW) which provides the ability to upgrade the power range without changing the rest of the system components. It also includes APR - Single Touch II a workflow feature which enables the x-raying of any kind of animal in just three steps. The digital option - NEOVet DR - includes an FPD with very high sensitivity (low dose required) and excellent image quality. The final image will be displayed at the workstation within just 3 seconds.

Single Touch II (APR intuitive, fast, visual)



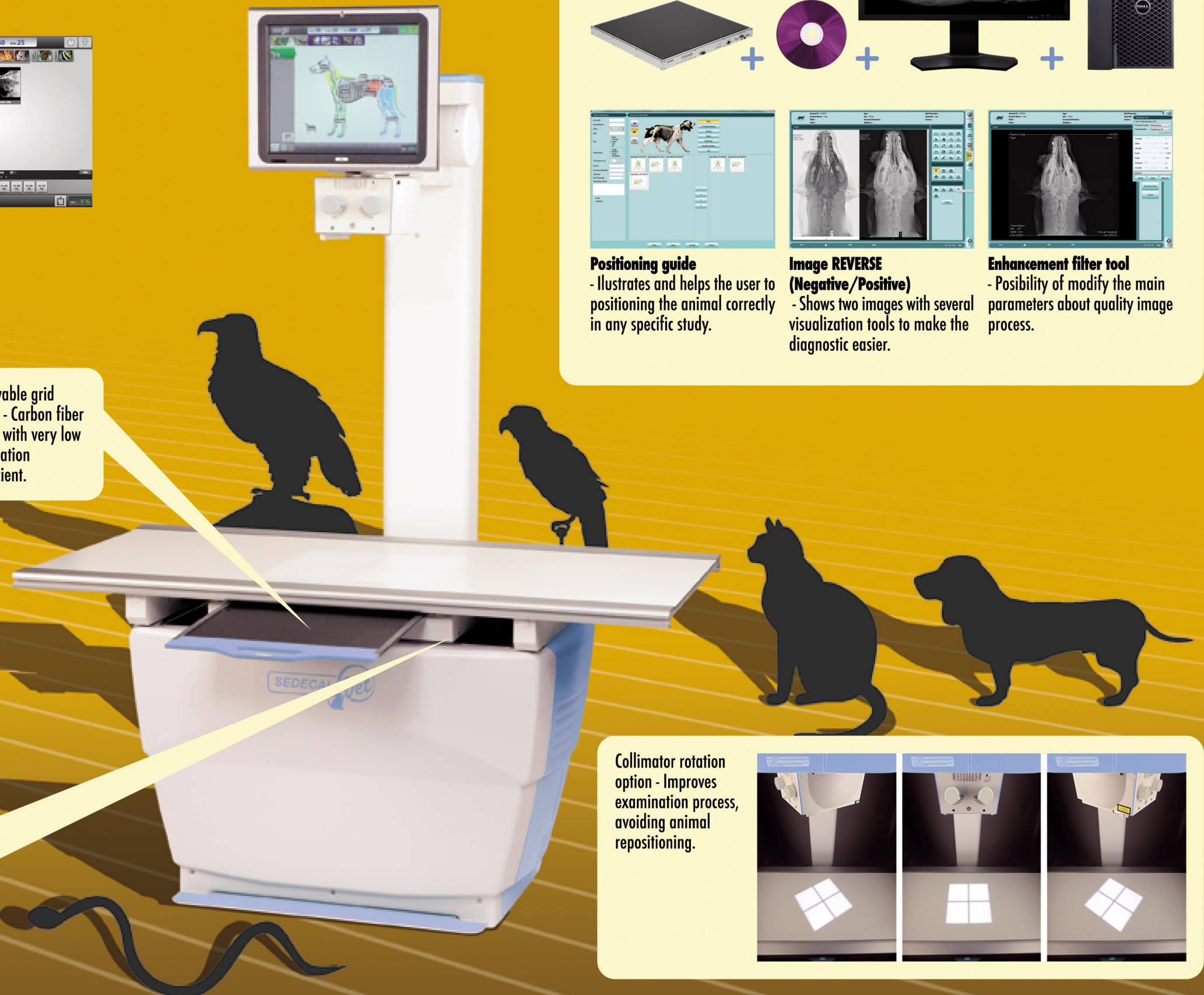
Tilting operation console
- Permits a clear and highly defined visualisation



Removable grid option - Carbon fiber covers with very low attenuation coefficient.

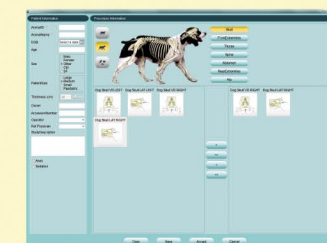
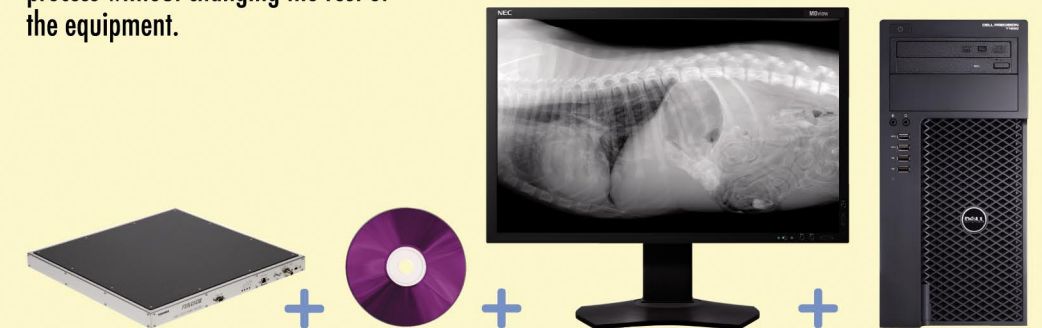


Aluminum tray (film system or CR)



Digital module NEOVet DR

The digital Kit "NEOVet DR" converts the conventional system into a digital one, with just a simple process without changing the rest of the equipment.



Positioning guide
- Illustrates and helps the user to positioning the animal correctly in any specific study.



Image REVERSE (Negative/Positive)
- Shows two images with several visualization tools to make the diagnostic easier.



Enhancement filter tool
- Possibility of modify the main parameters about quality image process.

Collimator rotation option - Improves examination process, avoiding animal repositioning.

