

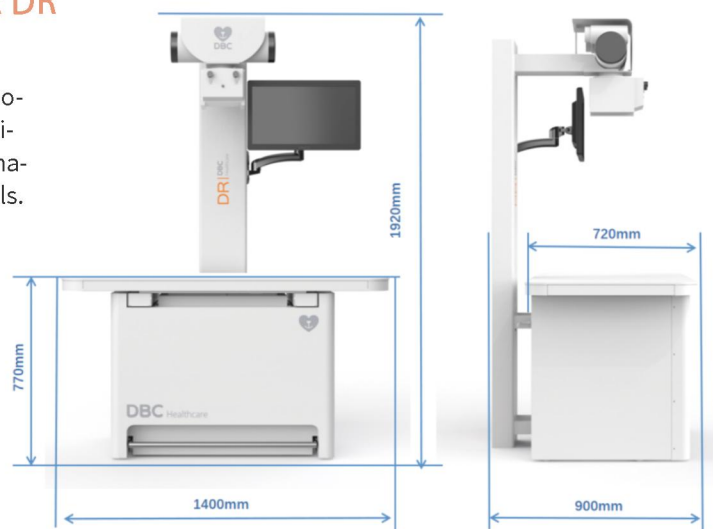


## Genius SE Vet Dynamic Digital Radiography

### Technical Features of Genius SE Vet Dynamic DR

Genius SE is a new generation of vet dynamic DR. This is one machine with multiple purpose. It has functions of dynamic fluoroscopy, dual-energy subtraction, static filming, real-time gastrointestinal or orthopedic surgery and other functions. It can satisfy the majority of clinical needs for imaging examination in animal hospitals.

- Dynamic fluoroscopy, real-time observation.
- Dual-energy subtraction, avoiding of vision blockage, higher detection rate for tiny lesion.
- Artificial Intelligence System, AIP to assist with filming, automatic measuring of body thickness.
- New generation of protection against radiation, safe and convenient.
- 17\*17 cm dynamic Flat Panel Detector for big detection coverage.
- Xray Tube with high heat capacity to allow for long working time.
- High voltage with self-test function to ensure stable performance.



### Hardware of high quality



0.6/1.2 mm bi-focal Xray Tube with high heat capacity



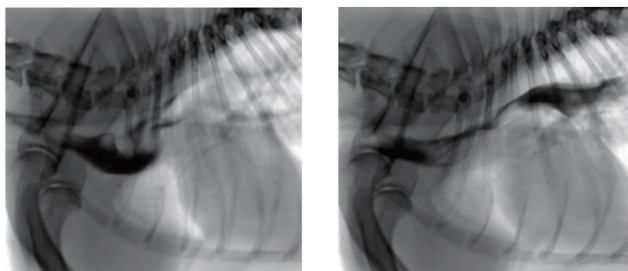
32 kw high voltage with self-test function to ensure stable performance and long service life



Leading brand dynamic FPD of Csl & a-Si, 17\*17cm big coverage for examination

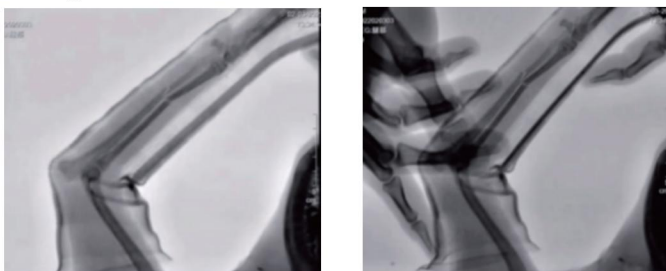
## Clinical Usage:

Dynamic gastrointestinal, gastrointestinal motility, and esophageal reflux with assistance of contrast agent could be examined by this machine.

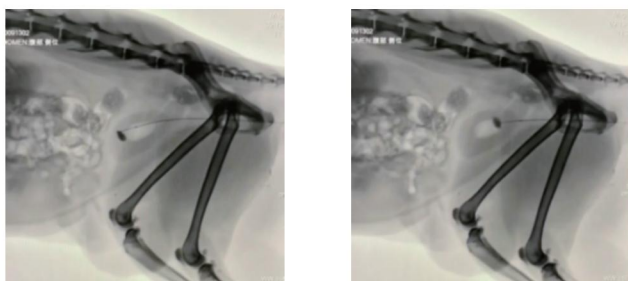


Dynamic orthopedic surgery

Real-time watching can be conducted for orthopedic surgery, such as osteopathy, nailing, and reduction, increasing accuracy for positioning.



Positioning of foreign body, observation foreign body and adjacent tissues from multiple angle



## Product Specification

Flat panel detector	
Scintillator	Csl & a-Si
Pixel Pitch	140μm
Number of Pixels	3072×3072
Active Area	3fps (1x1 binning, 3072x3072, 427mmx427mmFOV) 12 fps (2x2 binning, 1536x1536, 427mmx427mmFOV) 30 fps (3x3 binning, 1024x1024, 427mmx427mmFOV)
A/D conversion	16bit
High voltage generator	
Output Power	32kW
Maximum kV	150kV
Maximum mA	400mA
X-ray tube	
Focal Spot	0.6mm/1.2mm
Anode Heat Content	300kHU
Table	
size	1400mm×720mm
LCD touch screen	21.5 inches
Displayer	23.8 inches

## Intelligent Operation



Assisting/Guiding standardized position, for diagnosis with higher accuracy.



Bed-side touching screen, to make filming easier