



Veterinary X-ray System

VXR-E/EC Series

Compact & Powerful Vet System

MedicCloud





Compact & Powerful Vet System

VXR-E is compact and powerful veterinary X-ray system, combining space-efficient hardware with powerful imaging software, RADMAX. VXR-EC, capacitor powered veterinary X-ray system, is also available for environments where electricity supply is poor.

For a veterinarian who values efficiency and convenience, VXR-E/EC is the most suitable & reliable vet system.

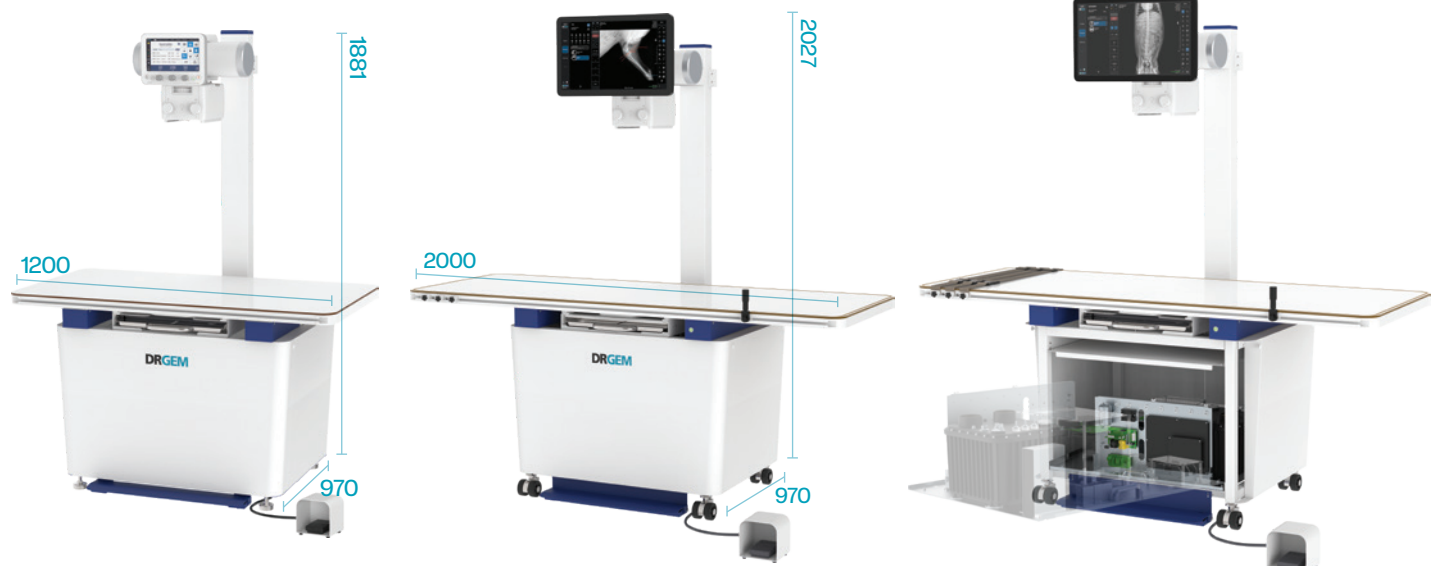
VXR-E/EC offers optional functions essential for veterinarians; foot exposure switch, compression belt, tabletop urine trap, and caster, integrated to the system to maximize operator's comfort.



Compact & Fit into any space

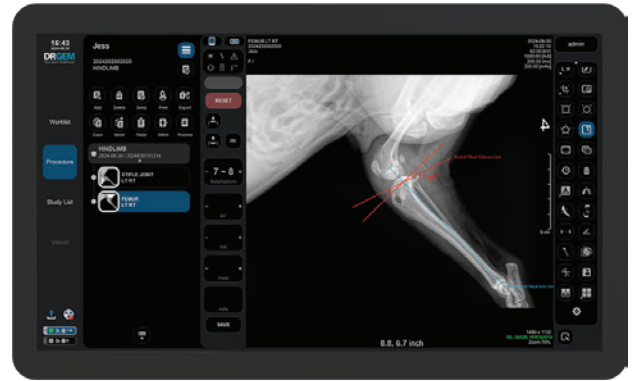
With generator inside the table, it can flexibly fit into clinics with minimum space.

* Unit : mm (Inch)



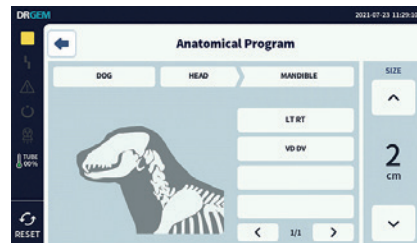
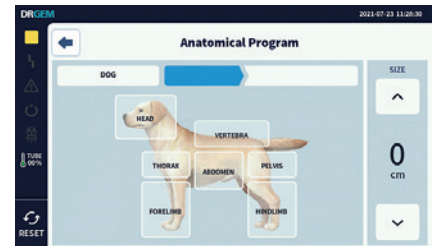
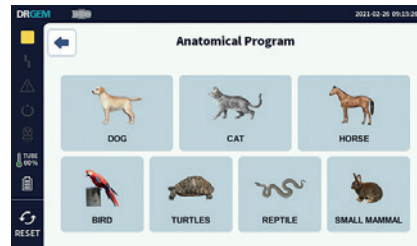
Powerful DR System with AcquiDR

- Fully integrated DR system
- Seamless workflow
- DICOM 3.0 Compatible
- VHS, Animal Positioning Guide



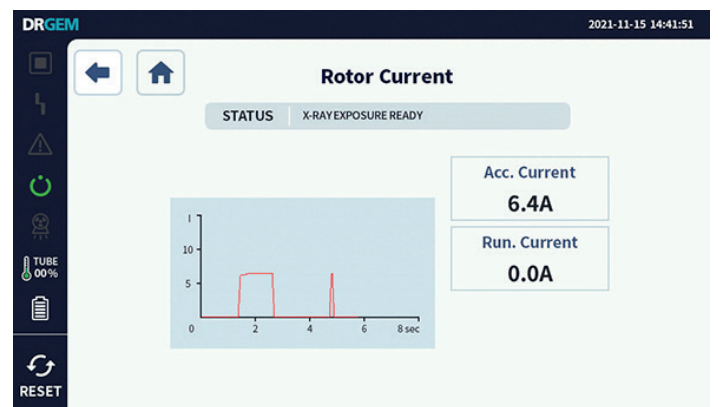
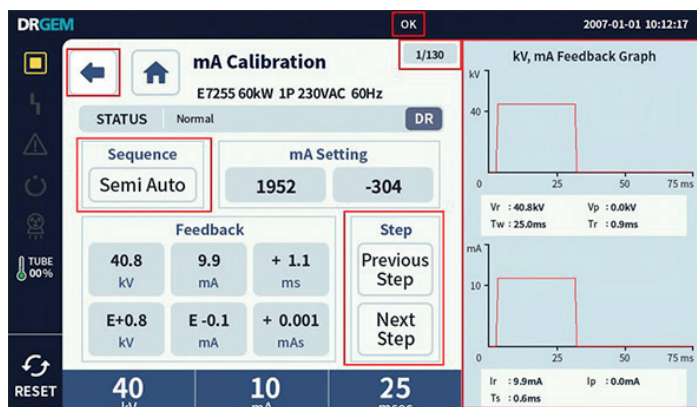
Intuitive Touch Screen Control Console

- Angle adjustment of control console available for easy viewing
- Simple knob type controller for exposure parameter control (kV, mA, Time, mAs)
- Graphical User APR (Anatomically programmed radiography) to smoothen the workflow
- Touch friendly GUI design



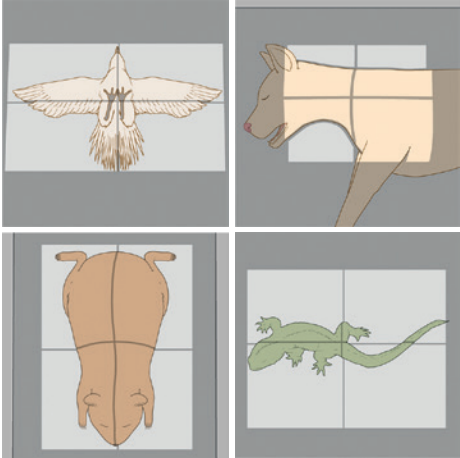
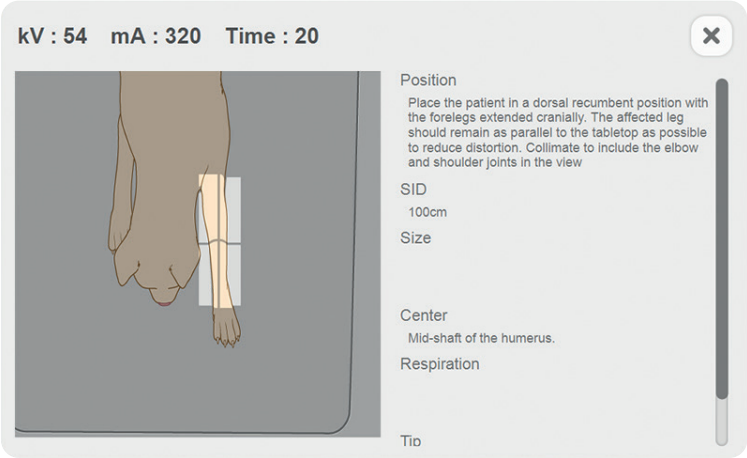
Convenient Maintenance

- World renowned DRGEM generator famous for it's sturdiness
- Robust self-calibration & Easy self-diagnosis for X-ray generator and tube



Animal Positioning Guide

- Provide animal positioning guide in graphical and textual format
- Useful as both learning supplement and reference book



Low Dosage & High Image Quality

Optimal image quality at a low exposure, to protect the staff and animal patients from over-dosage.



Specification

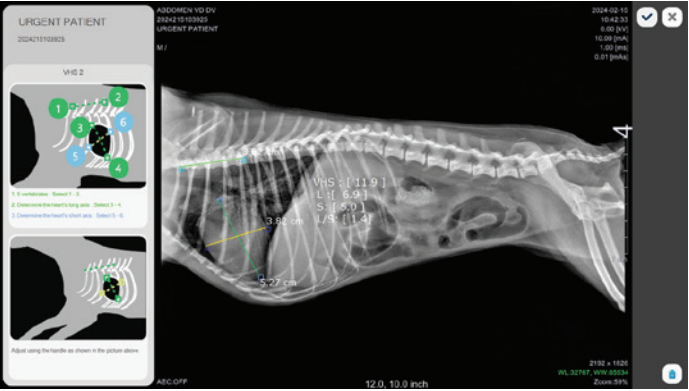
Generator Model	VXR-E20/EC20	VXR-E25/EC25	VXR-E32/EC32	VXR-E40/EC40
Output Rating	20kW	25kW	32kW	40kW
Line Power Rating	200V-240V, 1Ø, ±10% (50/60Hz) / 100-120V, 200V-240V, 1Ø, ±10% (50/60Hz)			
Reproducibility	Coefficient of Variation: kV < 0.005, Time < 0.005, mAs < 0.01, mR < 0.01			
Accuracy	kV < ±(1%+1kV), mA < ±(3%+1mA), Time < ±(1%+0.5ms), mAs < ±(3%+0.1mAs)			
Linearity	Coefficient of Linearity < 0.01 : CL = (X1-X2)/(X1+X2), where X is mR/mAs			

Detector Model	MANO4336W	MANO4343W	MANO4343T
Fixed/Wireless	Wireless	Wireless	Fixed
Size	43 x 36 cm	43 x 43 cm	43 x 43 cm
Scintillator	CsI		

Veterinarian Measurement Tools

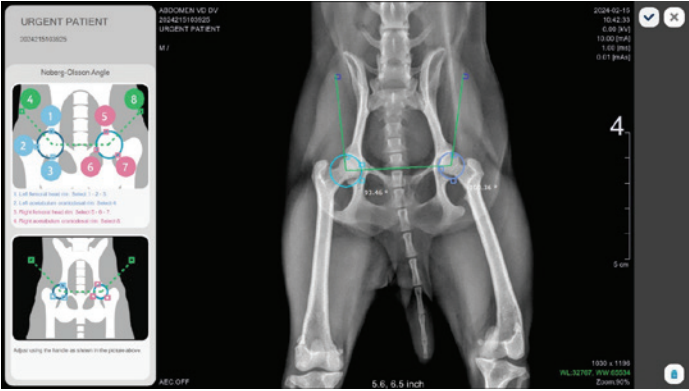
Vertebral Heart Score (VHS)

The VHS tool provides a standardized method for assessing heart size in animals by comparing the heart's length and width to the spine, offering reliable measurements and reducing subjectivity in veterinary heart size estimation.



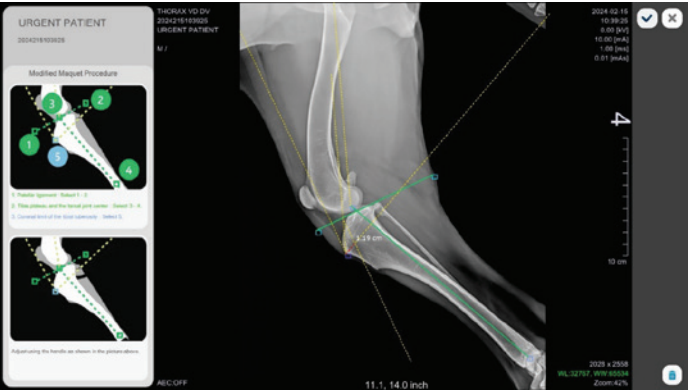
Norberg-Olsson Angle

The Norberg-Olsson Angle Measurement tool helps diagnose hip dysplasia in animals by providing veterinarians with a quick and accurate way to assess the Norberg angle, crucial for evaluating the severity of the condition.



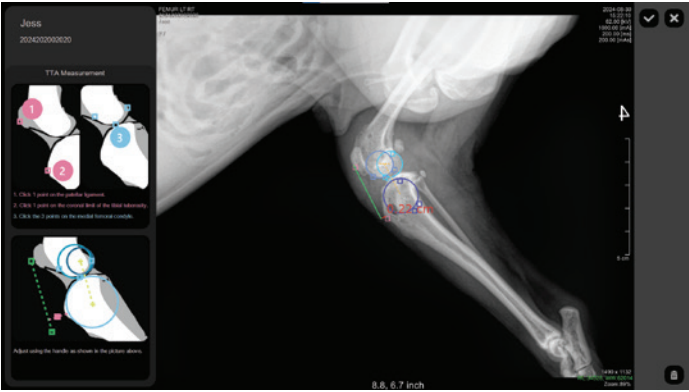
Modified Maquet Procedure (MMP)

The MMP tool simplifies cruciate ligament surgery planning by allowing users to select five tibial points, after which the system calculates implant sizing automatically, saving time and ensuring precision.



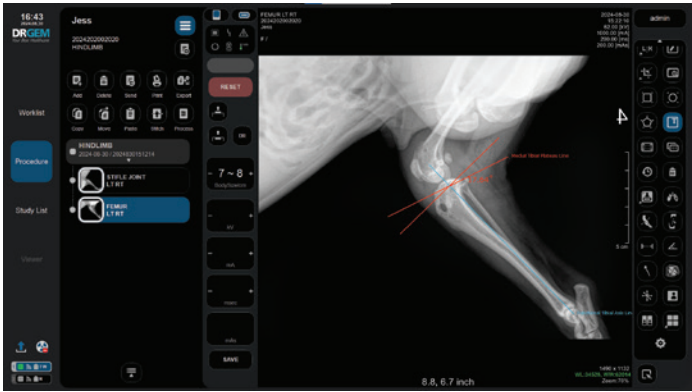
Tibial Tuberosity Advancement (TTA)

TTA is a surgical procedure to treat cranial cruciate ligament rupture in dogs by advancing the tibia for stabilization. The tool guides users through surgery planning with easy on-screen measurements.



Tibial Plateau Leveling Osteotomy (TPLO)

TPLO adjusts the tibial plateau angle to change knee biomechanics, while TTA advances the tibial tuberosity. Veterinarians can manually adjust points for measurements based on their expertise during surgery planning.



Touch Console and Workstation



Touch Console (Analog/Film or CR)



Touch Monitor (DR)

Options

Tabletop Size (WxDxH)

- 1,200x716x45mm • 1,800x716x45mm
- 1,500x716x45mm • 2,000x716x45mm



Monitor Arm



Touch Console
(Analog/Film or CR)



Touch Monitor
(DR)

Exposure Foot Switch Cover



X-ray Removable Grid



Compression Belt, Urine Trap, Handle



Caster



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