

# Vetus 5Exp

Veterinary Diagnostic Ultrasound System

## Expand your vision





# Vetus 5Exp

Mindray Vetus series offer the professional veterinary solution to a wide variety of species ranging from small pets to large farm animals.

Vetus 5Exp is a cost-effective veterinary ultrasound imaging system with multiple intelligent functions. Configured with brand new VETUS platform, making it easily meet the increasingly diversified veterinarian demands.

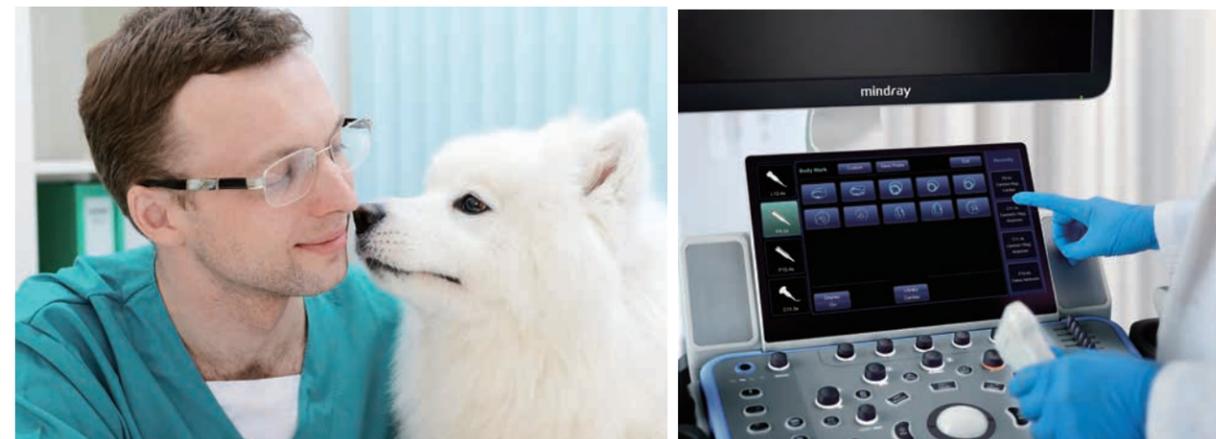
Incorporating the dedicated animals image presets, simple workflow, and veterinary protective design promise an ideal ultrasound system for your everyday practice.

## Dedicated Animal Presets

- Professional ultrasound image presets according to different animals' body characteristics
- Animal species are subdivided to different categories by weight and body size for precise diagnosis
- Veterinary recognized measurement formula presets, easily user-defined modification

## Simple Veterinary Workflow

- Transducers and the corresponding exam modes are displayed in the same interface, select or switch within 1 second
- Recent 4 modes are presented at hand, one-key to switch the frequently-used exam mode
- Super smart touch screen supports powerful multi-touch operation



## Powerful Veterinary Tools

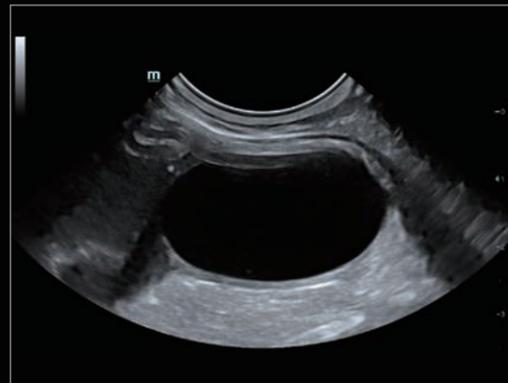
- Auto measurement: Auto PW, Auto CW maximize the productivity for easy-accurate-scanning
- Dedicated application packages: Abdomen/Cardiology/Reproduction/Small Parts
- Resourceful tools: vet formula/comment library/animal body mark/report template

## iWorks

Automated workflow guide iWorks standardize and simplify the vet Abdomen/Cardiology workflow, allowing more focus on the animal diagnosis



# Ergonomics dedicated for veterinary practice



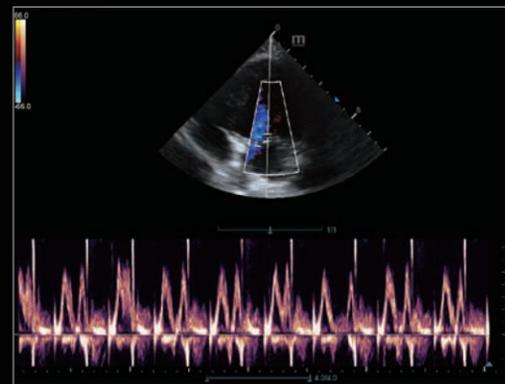
Feline Bladder



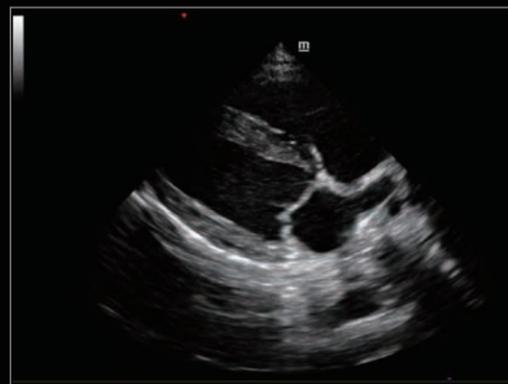
Color Mode of Canine Kidney



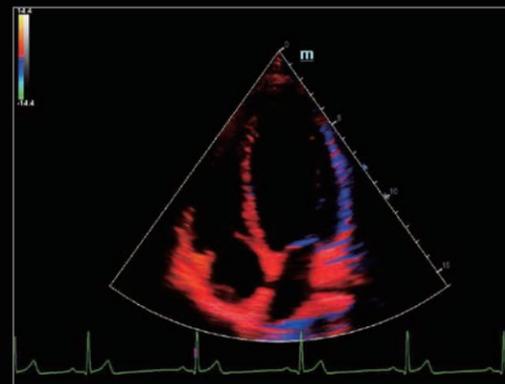
Canine Kidney



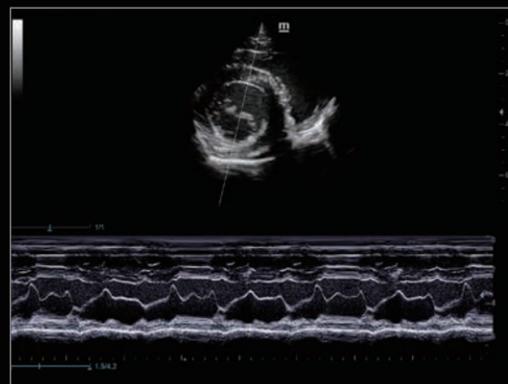
PW Mode of Canine Heart



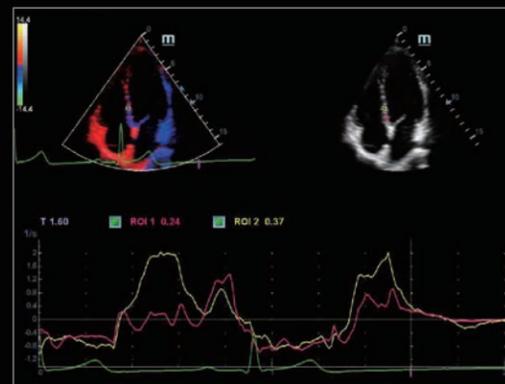
Long Axis View of Canine Heart



TDI of Canine Heart



M Mode of Canine Heart



TDI QA of Canine Heart



13.3" anti-glare touch screen  
30° rotation, easy cleaning

21.5" high resolution LED Monitor  
178° viewing angle, ultra slim & easy cleaning



Anti-dirty multi-functional control panel  
Rotatable & height adjustable

Sliding keypad with protective silicon film  
Anti-liquid, anti-animal hairs

Unique design for cable management  
Keep transducer cables off the ground

4 active transducer ports  
Anti-hairs & dust protective covers

Large capacity battery for long scanning time  
300 Mbps Wi-Fi with easy connection everywhere

Stable wheels with small footprint  
Anti hair-wrapped, 360° rotation

# Advanced Veterinary Transducer

## Abdomen & Reproduction



**C11-3**  
Micro convex array for small-sized animal



**C6-2**  
Convex array for large-sized animal

- **One Probe Solution:** support abdominal, reproduction and basic heart ultrasound
- **Smart Bladder:** automatic calculation of the bladder volume
- **UWN Contrast Imaging:** non-invasive assessment of animal abdomen organs with easy workflow

## Superficial & Musculoskeletal



**L12-3E**  
High frequency linear array for multi-sized animal



**L14-6**  
High frequency linear array for small-sized animal

- **iNeedle:** biopsy needle enhancement and guidance
- **iScape View:** real-time Panoramic Imaging to extend the field of view
- **Elastography Imaging:** displaying the tissue stiffness for precise evaluation

## Cardiology



**P8-2**  
Mid/high-frequency phased array for mid and small-sized species



**P10-4E**  
High-frequency phased array for small-sized species



**P4-2**  
Low-frequency phased array for large species

- **Free Xros M-Anatomical M mode:** up to 3 sample lines to detect more details
- **TDI-Tissue Doppler Imaging with complete 4 modes (TVI/TVD/TVM/TEI):** wall motion analysis for myocardial function
- **TDI QA-Tissue Doppler Imaging with Quantitative Analysis:** analysis of myocardium motion with strain/strain rate

\*More transducers can be supported, please contact your local sales representative for further details.

# Higher Reliable Dependence

## Guarantee of safety and stability:



**EMC (Electro Magnetic Compatibility)**  
the highest anti-interference level ensures the stability of imaging quality.



**Class B (Power supply requirement)**  
the lower AC power requirement offers you more safety and compatibility in any complicated environment.



**iPower (built-in battery)**  
Large battery supports scanning for more than 80 minutes enhances the continuity of your daily work even when the power supply is poor, and ensures the mobility.

## Dedicated protective design for veterinary practice

For veterinary ultrasound diagnostic systems, it is of great importance to protect the machine from getting dirty by animal hairs, body liquid and dust, which ensure high capability, reliability and long service life.



Keypad protective silicon film, anti-liquid and anti-animal hairs



Integrated control panel, easy cleaning and anti-dust design



Transducer cable management, design for regular and protection



Transducer port cover, protecting the unit from dust and animal hairs