

# Vetus E7

Hand-Carried Veterinary Ultrasound System

## Envision, Enlighten, and Explore



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Since its founding, Mindray Animal Medical has been dedicated to developing innovative and accessible ultrasound solutions for the animal care environment. It is this commitment to excellence that has brought you ZONE Sonography® Technology+ (ZST<sup>+</sup>), evolving industrial designs and comprehensive disinfection solutions.

The Vetus E7 Ultrasound System has been thoughtfully designed to overcome the obstacles clinicians face in today's challenging healthcare environment. With a sealed user interface design and revolutionary, software-based beamformer technology, ZST<sup>+</sup>, the Vetus E7 System combines best-in-class image quality with an intuitive user experience to help ensure reliable and efficient diagnosis during the most challenging exams.

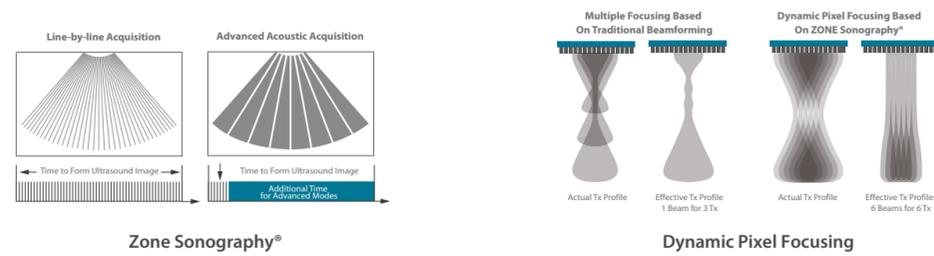
## Thin, light, powerful

With a weight and thickness of just 6.6 lbs and 1.7 in, respectively, the Vetus E7 System's main unit is one of the lightest and thinnest laptop ultrasound machines in the industry. In addition, this compact, durable, and powerful System houses advanced hardware built to maximize performance in all applications.



## ZONE Sonography® Technology+

The Vetus E7 Ultrasound System is the first-ever laptop-based system to be powered by ZST+, providing mobility and reliability in an extraordinarily compact design.



## Dedicated and professional solutions

Professional and comprehensive VET applications, making clinicians daily work easy and accurate.

### UWN+ Contrast Enhanced Ultrasound (CEUS)

Ultra-Wideband Non-Linear (UWN+) contrast enhanced ultrasound (CEUS) uses both harmonic and fundamental signals to improve contrast and temporal resolution during CEUS studies. Enabled by ZST+, this allows for longer duration of perfusion in tissue and organ assessment.



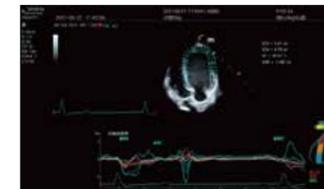
### Natural Touch Elastography

Natural Touch Elastography uses Mindray's patented technology to provide accurate and reproducible assessment of the elastic properties and stiffness of soft tissue.



### Tissue Tracking Quantitative Analysis

Based on the System's high-quality transducer technology, the Vetus E7 improves tracking accuracy and effectiveness. In addition, the Tissue Tracking with Quantitative Analysis can be performed at the bedside, saving time and simplifying more challenging diagnoses.



## Efficient Workflow

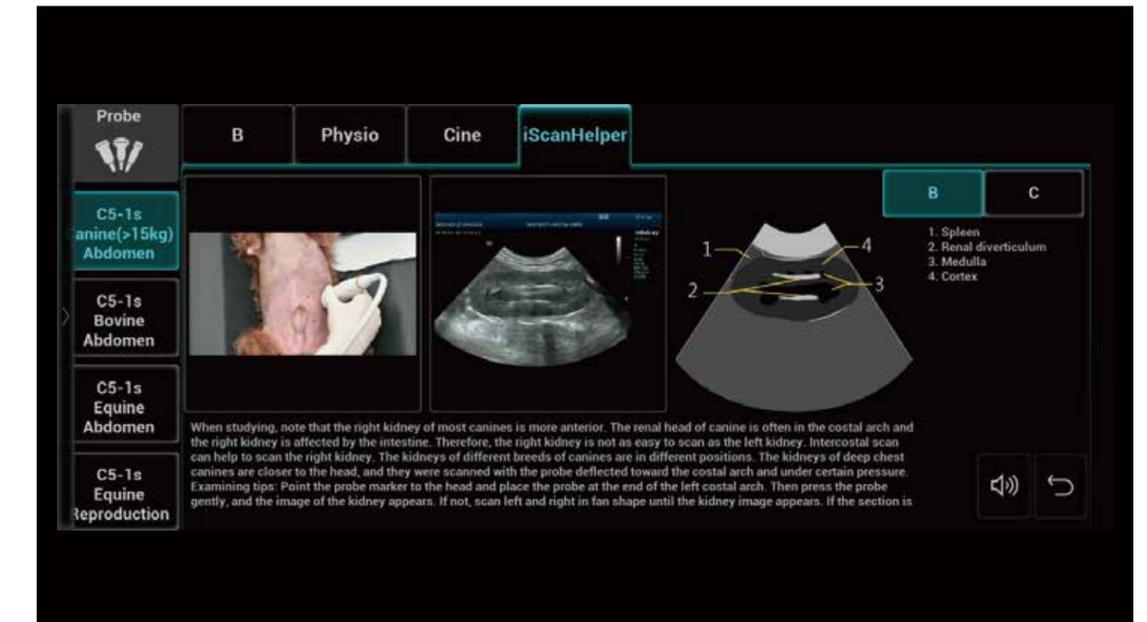
Unique workflow design and user-friendly interaction to get what you want straightforward.

### iWorks

The iWorks will provide standard scanning protocols for vet and simplify the workflow, which reduces the operation time and helps the operator to be more focused on the patients.

### iScanHelper

Dedicated inbuilt educational tool for VET, providing users with guidance on 'how & what' of ultrasound scanning.



# Smart Measurements

## Professional animal measurement preset

Vetus E7 has built-in conversion formulas for body surface area and body weight of a variety of different animal species, so as to achieve accurate measurement and diagnosis.



BW : 3kg	BSA : 0.208
BW : 4kg	BSA : 0.252
BW : 5kg	BSA : 0.292



BW : 3kg	BSA : 0.21
BW : 4kg	BSA : 0.25
BW : 5kg	BSA : 0.30

## iMeasure

With a selected species type and customizable exam mode, iMeasure can suggest potential or suspected clinical conditions immediately on the screen if the resulting values are out of the predefined ranges. This real-time feedback function can provide veterinarians with enhanced diagnostic confidence and improved patient care.



# Ideal System for Your Veterinary Practice

## Innovative design

- Intuitive touch interface
- Seamless design control panel
- Sealed touchpad



## Sturdy construction

- Prevent residue buildup
- Resist corrosion from harsh cleaning agents
- Highest standard of material selection

### Magnetic power socket

- Easy connection
- Prevents cable strain



### U-Bank

- U-bank battery companion supports up to eight hours of continuous scanning

### Innovative storage

- Three storage baskets
- Interchangeable design

### Specialized transducer holder

- Enables easy application of sterile cover



### Expanded height adjustment

- Flexible height adjustment for optimal scanning



Liver and gallbladder of canine



Renal blood flow of canine



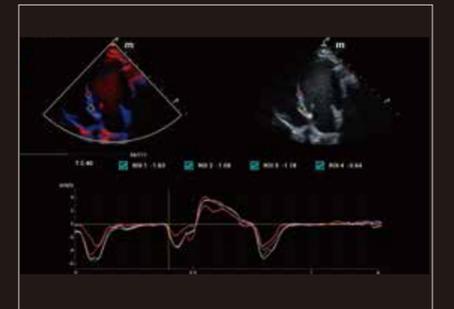
Spleen of canine



Spleen blood flow of canine



Cardiac blood flow of canine



TDI QA of canine



Mid metacarpal region of equine



Proximal metacarpal region of equine