**Mindray**
animal care

**Vetus 8 Exp**
Veterinary Diagnostic Ultrasound System

# Exceptional Insight, Expertise Diagnosis

**Mindray**
animal care

# Vetus 8 Exp

Mindray Animal Vetus Series offer professional veterinary solutions catering to a wide variety of species ranging from small pets to large farm animals.

Vetus 8 Exp, the high-end veterinary ultrasound imaging system, adopts the most cutting-edge ultrasound technology to provide clear and precise image according to different animal species.

Moreover, packaged with the simple workflow, dedicated design and complete veterinary solution make it the ideal ultrasound system for your everyday practice.
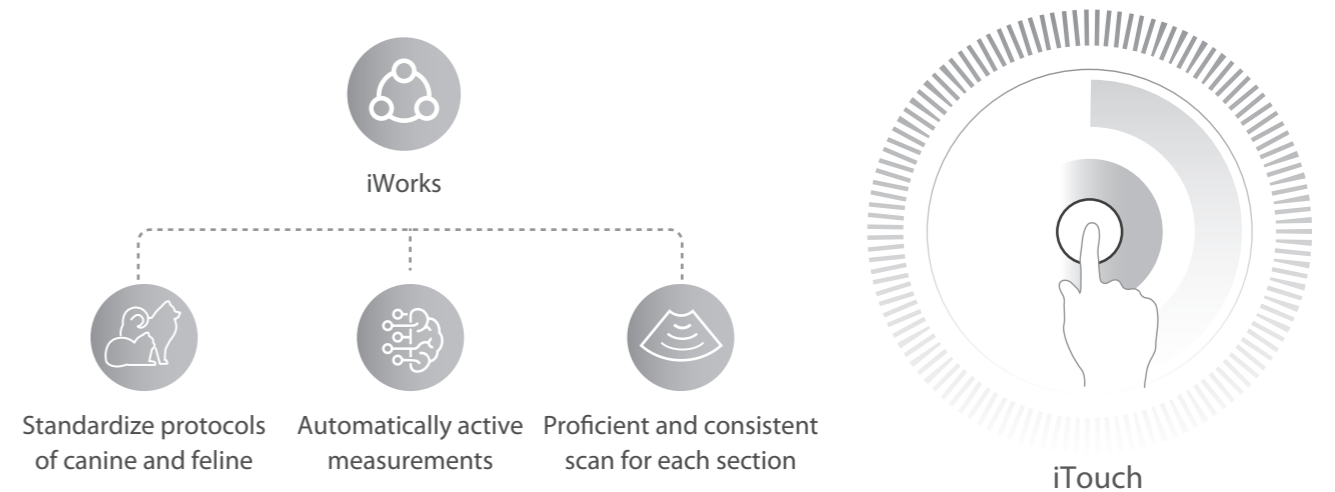


## Clear & Precise Images

- Professional veterinary image presets according to different animals' body characteristics.

- Mindray Animal Medical's unique 3T technology of transducer, improves image penetration and resolution.

- 23.8" high definition monitor provides clear tissue details.



## Smart & Practical Tools

- Volume Control function helps to avoid frightening the pets.

- Auto measure tools: Auto PW, Auto EF maximize the productivity.

- iWorks standardize and simplify the Abdomen&Cardiology workflow, allowing more focus on the animal diagnosis.

- iTouch is a one-button auto image optimization solution, which is able to optimize the imaging quality automatically.



iWorks

Standardize protocols of canine and feline

Automatically active measurements

Proficient and consistent scan for each section

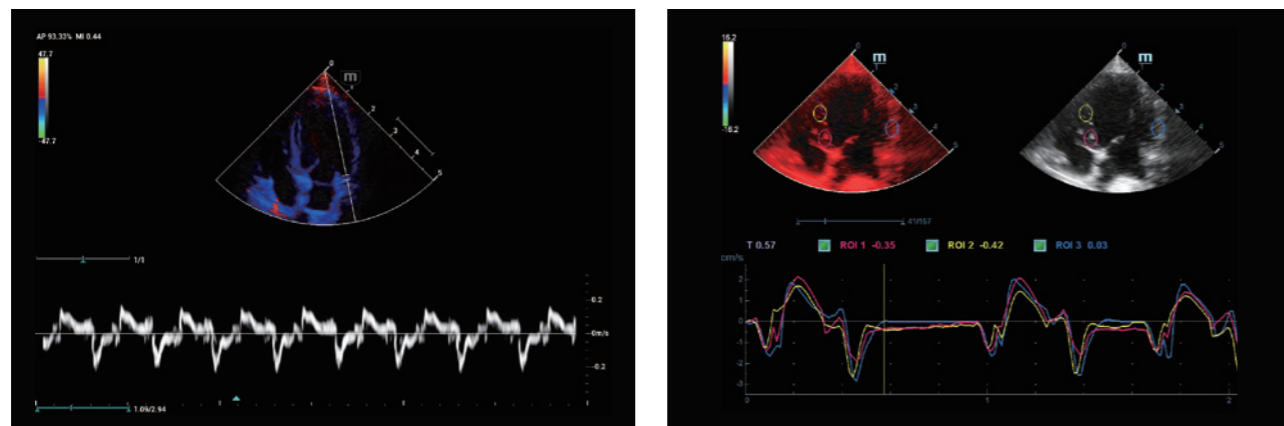iTouch

# Strong Confidence with Cutting-edge Technology

## UWN⁺ Contrast Imaging

It detects and utilizes both the 2nd harmonic and non-linear fundamental signals, generating significantly enhanced images, resulting in greater sensitivity of minor signals and longer agent duration with lower MI.
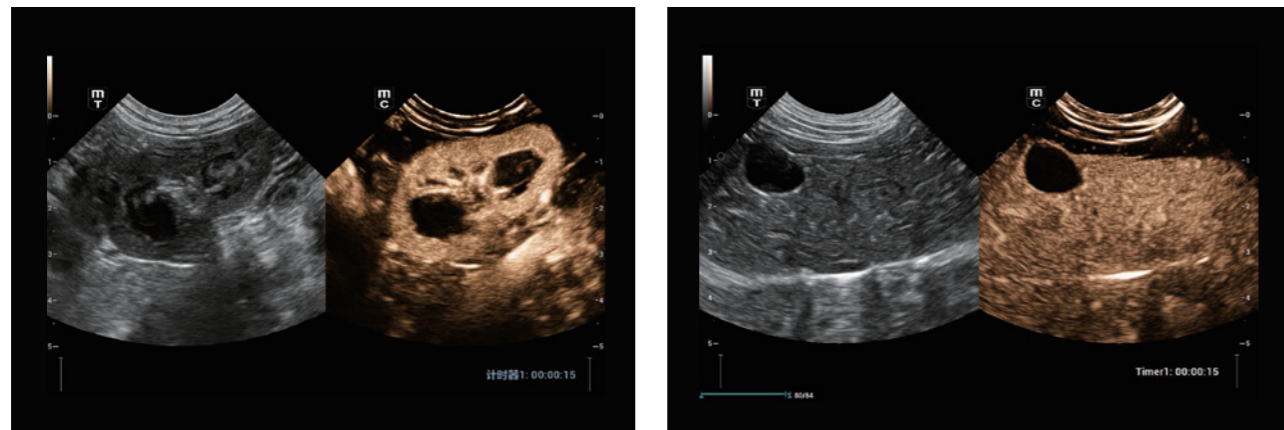


## Tissue Doppler Imaging with Quantitative Analysis (TDI QA)

TDI supports 4 TDI imaging modes, including TVI, TEI, TVD, and TVM, in addition, TDI QA with max 8 ROI enables simultaneous analysis of 8 regions of myocardium, including the speed of myocardial movement, myocardial strain, strain rate, and myocardial synchrony.
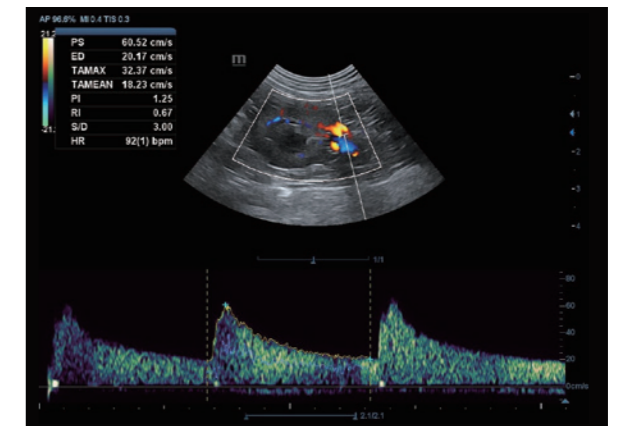


## Natural Touch Elastography

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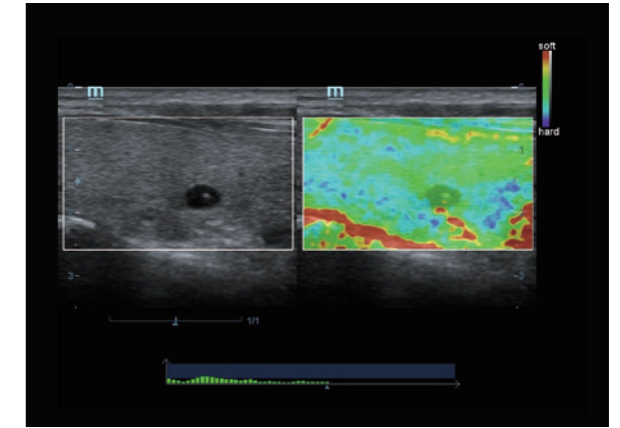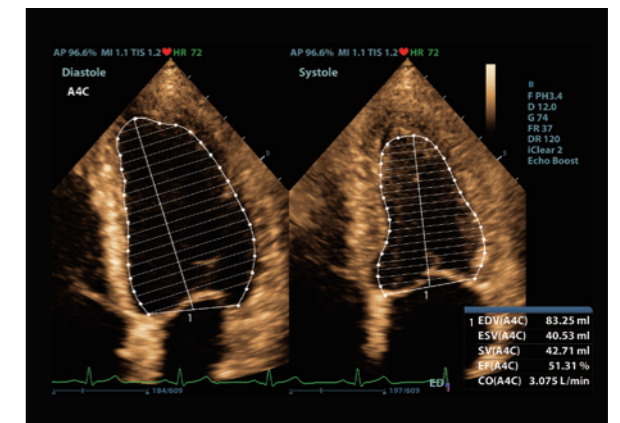


## Auto PW/CW

High sensitivity and easy adjustment, automatically trace the spectrum and calculate the image parameters.



## Auto EF*

Reduce repetitive keystrokes and steps, automatic detection of LV, ESV, EDV, and EF.



*Available on P4-2s

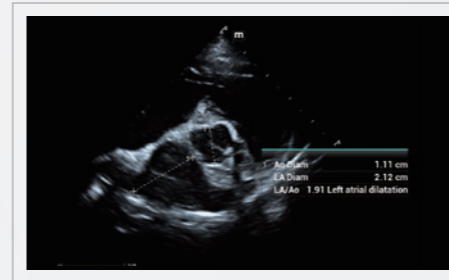# High Productivity with Dedicated Workflow

**iScanHelper**
Expert around you, provide scanning reference images and demonstration guide
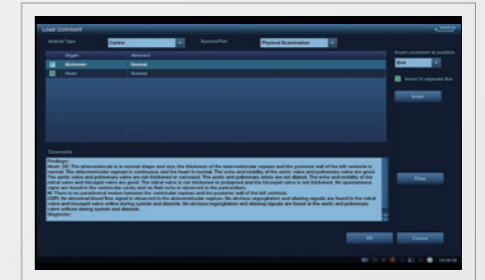


**iMeasure**
Indicate potential or suspected clinical conditions immediately



**iReport**
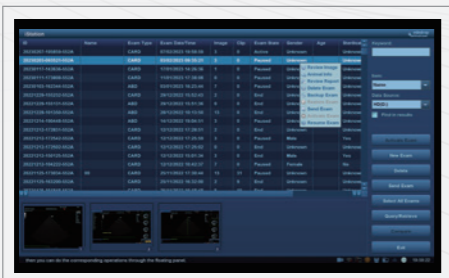Provide customized report templates with professional comments



Pre-exam        Mid-exam        Post-exam

**iStation**
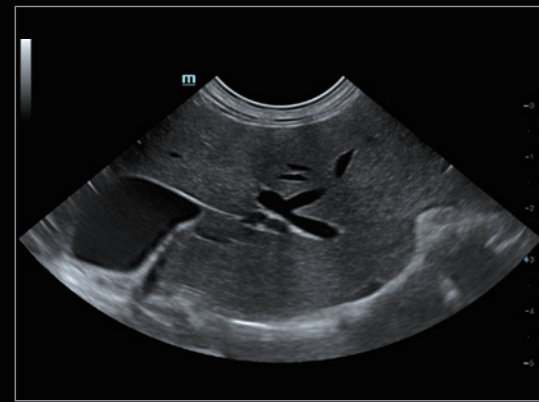Animal information management system



**iWorks**
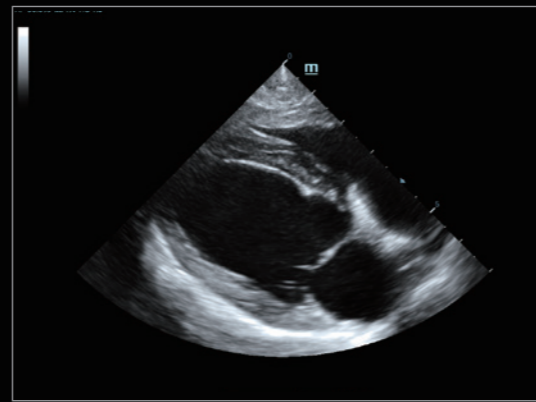Standardize and simplify the workflow, reduce 50% exam time and 80% keystrokes



**iStorage**
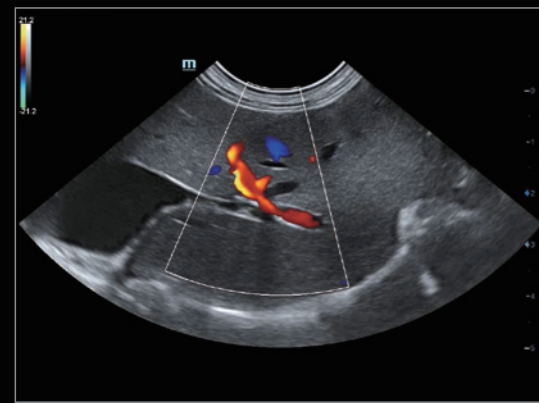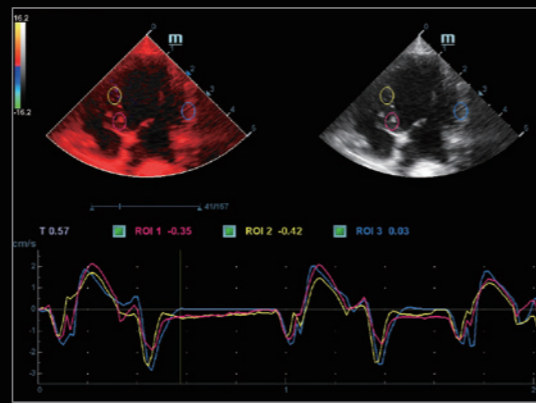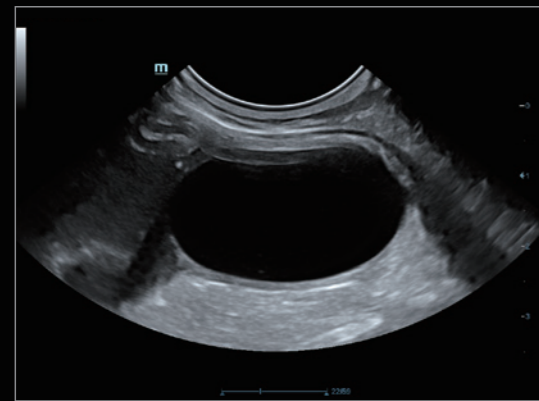Animal information center, export and import the data with PC at ease

Feline Liver


Canine Heart


Feline Hepatic Flow


TDI QA of Canine Heart


Feline Bladder
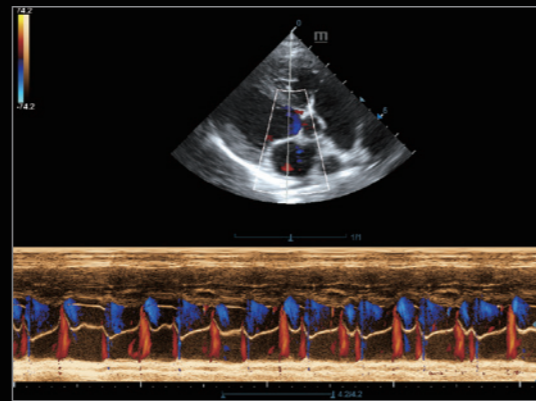

Color M Mode of Canine Heart
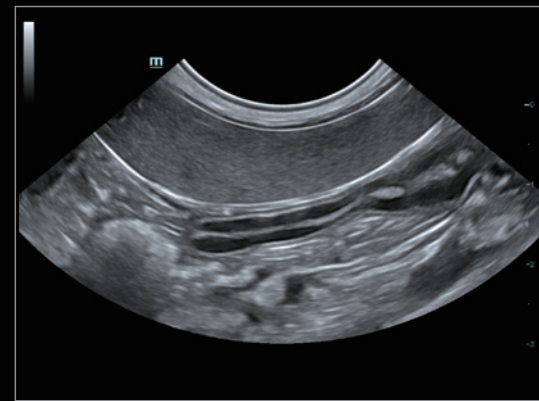

Canine Abdomen
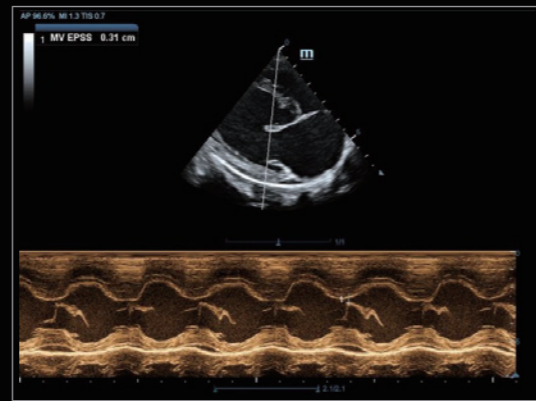

M Mode of Canine Heart

# Ergonomics Specialized for Veterinary Practice

23.8" High Definition Monitor
180-degree rotation

Dual-Wing Floating Arm
Move anywhere you want

13.3" anti-glare touch screen
30-degree rotation, multi gesture

Retractable keyboard with
designed silicon cover

Anti-dirty control panel
Rotatable & height adjustable

Designed for cable management
Help keep cables off the ground

5 active transducer sockets*

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

*4 sockets is standard configuration, 5 sockets is purchasable optional.

# Small Animal Solution

Feline, small-sized canine and exotic small animals

## Abdomen & Reproduction

### C11-3s

Micro convex array transducer

- **Contrast Imaging:** Suitable for small animals, support quantitative analysis
- **Dedicated design:** Streamlined and smart size for small animal abdomen
- **One probe solution:** Support both abdominal and basic heart ultrasound
- **Excellent performance:** High penetration with wide field of view (Extended FOV: 140°)

## Superficial & Musculoskeletal

### L12-4s

High frequency linear array transducer

- **iNeedle:** Biopsy needle enhancement and guidance
- **iScape View:** Real-time Panoramic Imaging to extend the field of view
- **HR Flow:** High resolution flow to provide more details of vessels
- **Elastography:** Displaying the tissue stiffness for precise evaluation

## Cardiology

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

### P10-4s
High-frequency phased
array for small-sized species

- **Free Xros M**-Anatomical M mode: up to 3 sample lines
- **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/speed
- **Auto EF**: Automatic animal heart Ejection Fraction computation
- **TTQA**-Tissue Tracking with Quantitative Analysis: track myocardial contraction by detection of the 2D speckle patterns, provide LV regional movement abnormities diagnostic

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

# Large Animal Solution

Large-sized canine, equine, bovine, ovine and exotic big animals

## Reproduction

### 6LE5Vs

Intrarectal linear array transducer for equine and farm animal reproduction exam

- 3-meter cable tailed for large animal scanning scenario
- Anti-liquid, anti-dirty and easy-clean design
- High resolution with wide field of view designed for IVF

## Abdomen

### C6-2s

Convex array transducer for abdominal and reproduction scanning in big animals

- **iNeedle:** Needle enhancement and guidance for biopsy
- **iScape View:** Real-time Panoramic Imaging to extend the field of view

## Cardiology

### P4-2s

Low-frequency phased array transducer for medium-sized & large species

- **Free Xros M**-Anatomical M mode: up to 3 sample lines
- **Free Xros CM**-Curved Anatomical M mode: the sample line manually depicted anywhere on the image

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