SIUI

V8
Laptop Veterinary
Color Doppler
Ultrasound Imaging System

MAI

Anything, Anytime, Anywhere
Live Service for Imaging

SIUI

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SIUI   SIUI Healthcare SIUI Healthcare SIUI Healthcare

V8 is a mid-high end ultrasound model specifically designed for veterinary care, providing an upgraded operation experience with Realview+. It has wide-ranging applications in examination of companion animals, exotic pets, equines, and laboratory animals.

Realview+ provides a new visual experience incorporating premium user workflows to improve operation smoothness. Powered by strong computing, the enhanced image quality and measurement packages excellently assist users in veterinary clinical practice, enhancing operational enjoyment.

SUPERIOR IMAGING OPTIMIZATION SOLUTIONS

Harnessing advanced processing technology to optimize high-quality imaging, enriching image details with greater homogeneity for an exceptional view into the internal structures of the animal for physicians.

Tailored Filter calculates and corrects the signal variation during transmission, suppressing and filtering out noise signals for higher reproduction contrast images and higher S/N ratio.
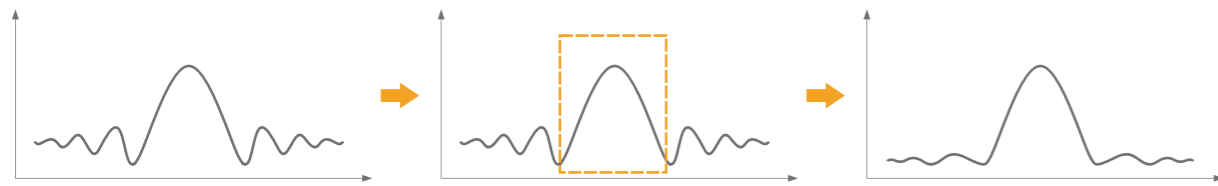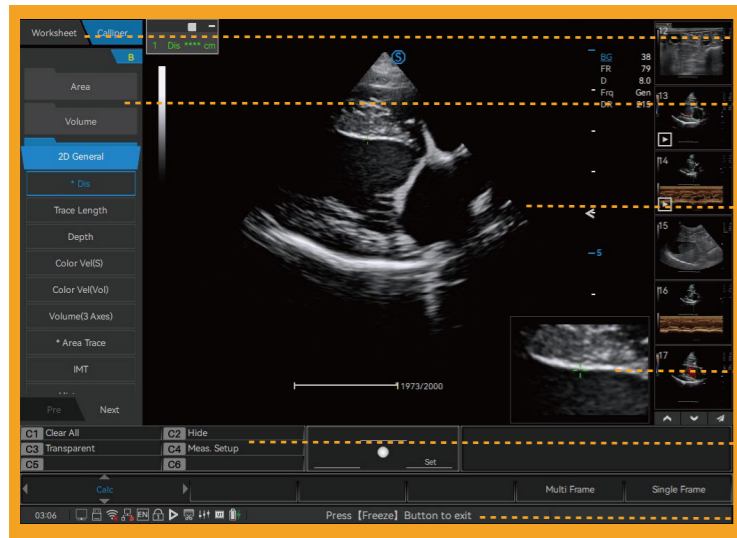
X-Beam 3.0 accurately tracks and analyzes the full-field multi-angle image information to eliminate speckle noise and obtain high-quality images.

Traditional Spatial Compounding

X-Beam 3.0

Traditional Scanning

Spatial Accuracy
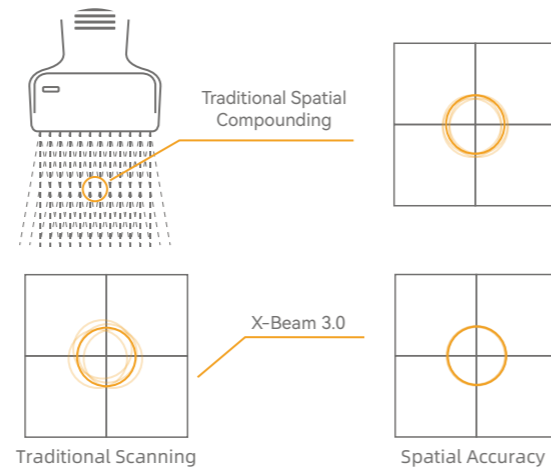
Intelligent Refactoring improves image diagnosis efficiency by increasing image resolution, restoring image details, and enhancing details and sharpness through intelligent interpolation algorithms and detail reconstruction.

Lightweight (only 6kg), easy to carry

15-inch high resolution and angle-adjustable monitor

USB 3.0 and HDMI ports achieve fast data transfer without distortion

Backlit keyboard

Detachable lithium battery

Specialized trolley with probe extender

EFFICIENT WORKFLOW OPTIMIZATION

- Pinned worksheet
- Measurement folder design
- Image area enlarged by 20%
- Local zoom of the measurement area
- Button functions visualization
- Operation indication

Before scanning

Quick ID
Start scanning without entering patient information, efficient for emergency.

Quick Saving & History Query
One key to save modified parameters. Retrieve historical record for comparison and verification.

Data Protection Mechanism
Allow partial or global system backup for parameter, bodymark, annotation, etc.

During scanning

Horizontal scale
For quick assessment of lesion size during surgery or under emergency.

Pause Mode
Pause anytime when unexpected situation occurs during scanning.

LGC Lateral Gain
5/9 section choice and 4 default curve types.

Measurement Items Import
Reversely import ordinary measurement items into specialized ones for combination calculation.

After scanning

Data Transfer
Transfer data to USB or DICOM in backstage without affecting current operation.

S-view
Support multiple images or cines comparison.

Raw Data Processing
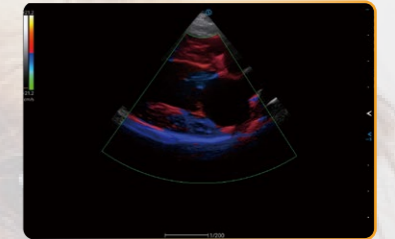Allows parameter or mode readjustment of saved raw data of images or cines.
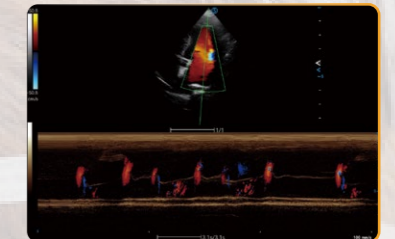
HIGH-END APPLICATION SOLUTION

For Cardiac Assessment

Adaptive TDI assesses muscle wall characteristics throughout the cardiac cycle with consistent measurement via self-adaptive tracing technology.

Color M & AMM are specialized for detecting subtle changes, monitoring during surgery, and assessing cardiovascular function and injury severity.

Triplex integrates anatomical imaging, dynamic flow observation, and spectral analysis for animal vascular disease assessment. Activated **PW auto correlation** enables real-time quantitative analysis.
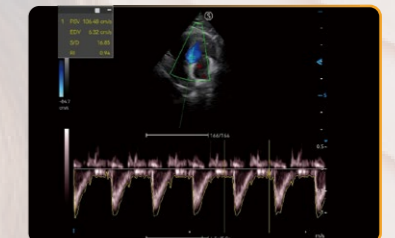
CW mode sensitively detects and visualizes low-velocity blood flow signals. It is helpful for the diagnosis of early vascular disorders in animals.
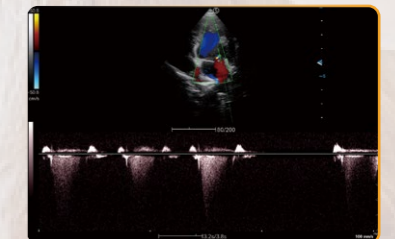
PW mode provides accurate hemodynamic and spectral information to detect subtle changes in animal blood flow and enable quantitative measurement.
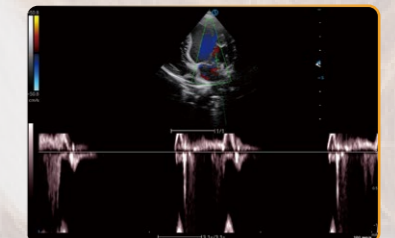
For General Assessment

CFM displays the spatial distribution and pathological variations of blood flow within blood vessels.

VS Flow detects small vessel blood flow with high resolution.

Panoscope dynamically monitors and analyzes data, automatically identifies and stitches image sequences of the same examination object.

HD Zoom magnifies tissue and ROI of animals, providing clearer and comfortable diagnostic viewing.

For Better Assessment Experience

CHI enhances the scattered echo and reduces the interference of tissue harmonics by contrast agents. The improved image resolution and sensitivity ease the recognition of lesion.

Strain Elastography differentiates tissue stiffness to distinguish mass and conventional tissue, effectively assisting the diagnosis of benign and malignant tumor.

Biopsy Guide & Needle Enhancement increase operation accuracy and efficiency with in-plane and out-of-plane biopsy guides, avoiding lengthy examination and inaccuracies caused by animal discomfort.

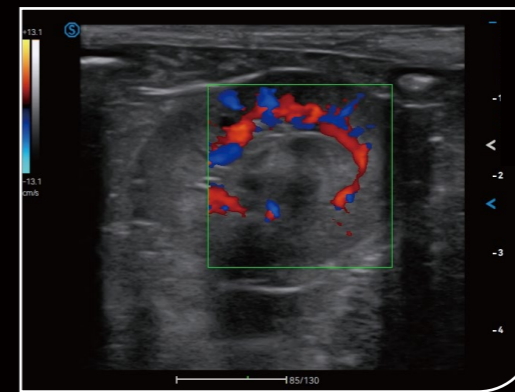# Probes for General and Specialized Examination
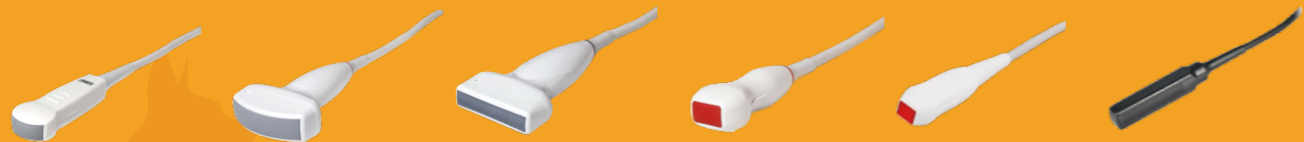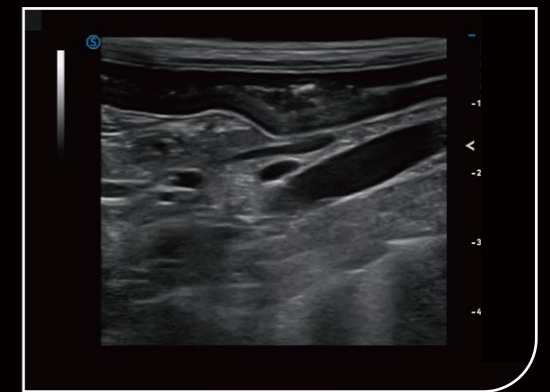
- 6.0MHz R17
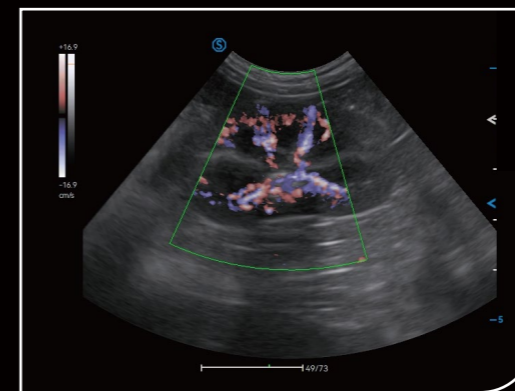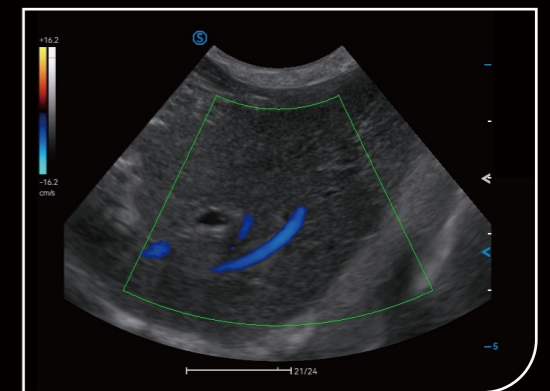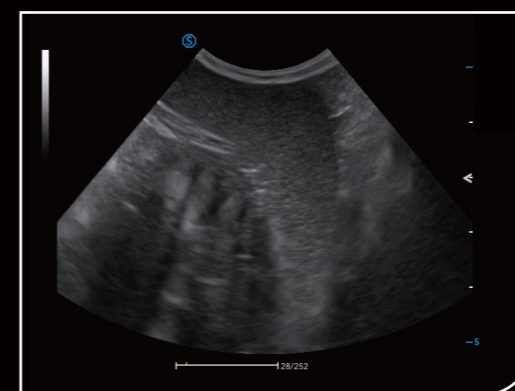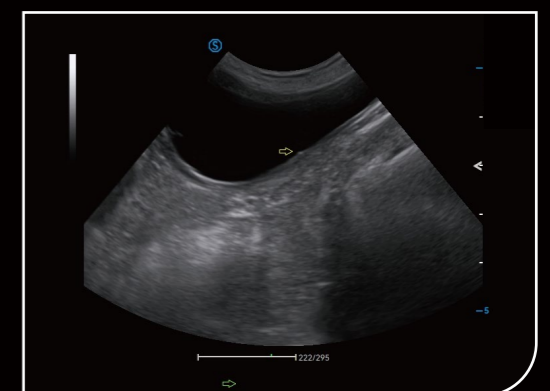- 3.5MHz R60
- 8MHz L50
- 5.0MHz P5
- 8.0MHz P8
- 5.5MHz L65
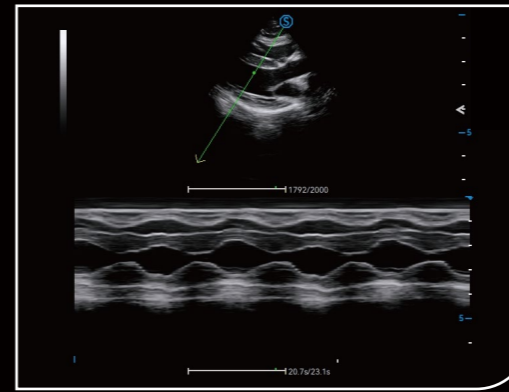
AMM

CFM

Kidney cyst

Duodenum

Kidney

Liver

Spleen

Bladder