MAI

Anything, Anytime, Anywhere
Live Service for Imaging

SIUI

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V75 EN10221212

V75

Veterinary Digital Color Doppler Ultrasound Imaging System

SIUI

OUTSTANDING PERFORMANCE FULFILLS DIVERSE NEEDS

V75 is a mid-high end trolley-type veterinary ultrasound system that offers outstanding image quality and high working efficiency. It is designed to deliver fast and accurate diagnosis on different species **ranging from companion animals, exotic pets, equine and farm animals.**

Adopting the most advanced imaging platform – **Realview+**, V75 will improve your diagnostic experience on cardiac, abdomen, superficial, reproduction etc.

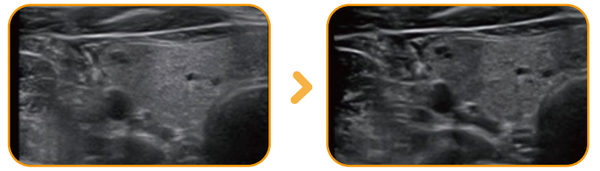
Stunning image quality with detailed information

Realview+ incorporates key image processing technologies that generate stunning image quality at a faster response rate and processing speed, enhancing your diagnosis not only on routine exams but also on sophisticated cases.

Pixel Echo Zone automatically calculates echo information from each pixel area, to reach higher frame rete and ensure focus accuracy and consistency, improving image uniformity.

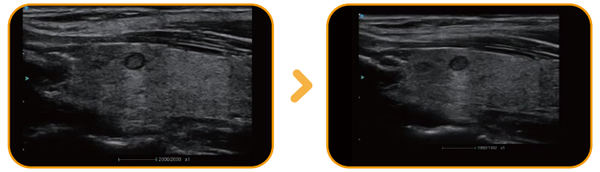
Pixel Echo Zone Off | Pixel Echo Zone On

Tailored Filter enhances valid signal and suppressing invalid signals to increase S/N ratio for a better image contrast.



Tailored Filter Off | Tailored Filter On

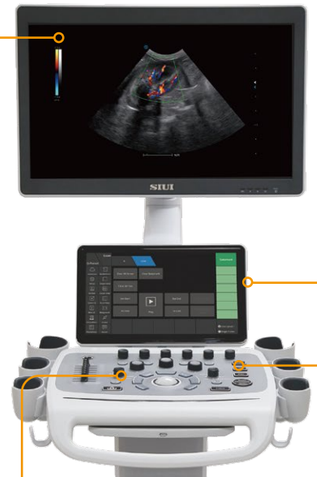
X-Beam 3.0 multiply receives and processes scanning lines of images from each element to improve image resolution and reduce tissue shadows.



X-Beam 3.0 Off | X-Beam 3.0 On

Smooth workflow experience with ergonomic design

23'' LCD rotatable monitor reduces eyestrain



13.3'' touch screen enables fast operation

Multifunctional button improves operation efficiency

Neat console design with 22 buttons enhances manipulation experience

5 active universal probe connectors

Stable wheels with small footprint

Navigation Bar for operation guidance

Abundant measurement packages for quick examination

Pinned Worksheet for multiple measurements preview

S-view for image and cine comparison

Professional veterinary solution

Based on the enriched image quality and seamless workflow, V75 enhances diverse exam capabilities with full package tools across different applications.

Cardiology

AMM Unlike traditional M-mode that only allows a single line, collects data with up to 5 sampling lines at one time to implement detailed assessment on wall motion. It greatly improves the reproducibility and accuracy of left ventricular measurement.

Color M combines Color Doppler and M-mode to accurately display the two-dimension and time relationship between high velocity flow, reflux, jet, valve and heart wall to better evaluate diastolic function.

TDI captures the movement of the myocardium, with red and blue representing the different direction of wall movement. Combining TDI with PW is to better obtain the motion trajectory of the myocardial wall.

CW detects high-speed blood flow and hemodynamics information, helpful for measuring the gradient of the tricuspid regurgitation (TR).

Abdomen

Trapezoid Imaging reveals better diagnostic information through extended view of the anatomical structure.

Contrast Imaging uses less contrast agent to visualize veterinary organ structure, practical for finding nodes and superficial tumors.

VS Flow increases the sensitivity of low velocity blood flow with high resolution, which assists the assessment for blood supply of tumor, renal embolism for cats, etc.

Superficial

Panoscope provides a color panoramic view of large tissues and vessels in real time.

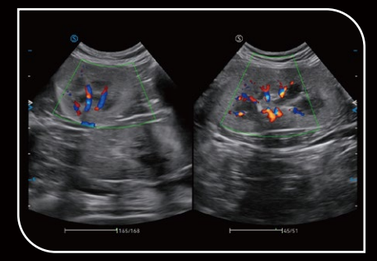
Needle Enhancement enhances needle's visibility and the accuracy during in-plane or out-of-plane biopsy.

Strain Elastography offers a real-time tissue stiffness assessment shown in color-coded stiffness mapping, which is helpful for tumor assessment.

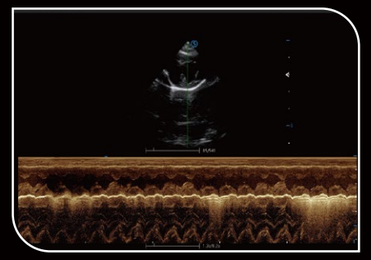
IMAGE GALLERY

Intestine B Mode

Kidney B Mode

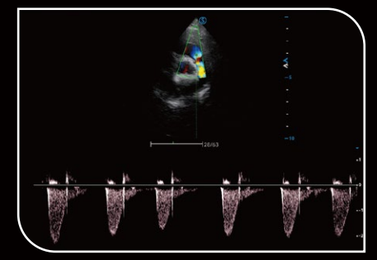


Kidney CFM Mode



AMM

Heart CFM



CFM+CW

COMPETENT PROBES

P5

High frequency phased array probe for small-medium sized species

P8

High frequency phased array probe for small-sized species

C6LC

Micro convex probe for all-sized species

L8

High density linear probe for all-sized species