

# The Full Shared Service System for Veterinarian's Imaging Need

## ProPet 70

Veterinary Color Doppler Ultrasound System





## ProPet 70

All creatures are great and small. Animals are the closest friends and most trusted partners of human beings. SonoScape has always been devoted to exploring the dedicated diagnostic imaging solutions for veterinary needs. Starting a new phase in ultrasound imaging, SonoScape rolls out the brand new ProPet series systems to provide professional veterinary solutions catering to a wide variety of species ranging from small pets to large animals.

ProPet 70 is a trustworthy ultrasound solution of veterinarians aiding in the acquisition of decisive clinical evidence and informative evaluation across a wide range of animals types with intuitive operation. It combines the latest intelligence veterinary software and single crystal probe technology to deliver exceptional images, defining the subtlest pathology, from great danes to tiny exotics and significantly delivers better clinical outcomes with incredible values beyond your expectations.





# Optimized Design Inspires Every Ergonomic Scanning



## Height Adjustable: Approx. 1085 mm to 1680 mm

The height-adjustable control panel features a simplified console design, providing intuitive interaction for a variety of veterinary examinations

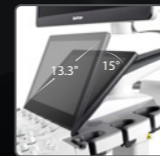
## Adjustable Swivel Angle: -40° to 40°

With a wide range of motion, the fully articulating monitor arm adapts to your changing needs



## 23.8-inch LED Monitor

The ProPet 70 features a 23.8" full HD LED display for optional, delivering excellent contrast resolution, image clarity and vibrant color in any lighting condition



## 13.3-inch Tilting Touch Screen

13.3" anti-glare and anti-fingerprints touch screen with 15 degree rotation



## Protective Silicon Overlay of Control Panel

Water-proof and free of animal hairs



## Built-in High-capacity Battery

Power management with battery supporting 2 hours continuous scanning per charge in case of power failure



## Five Probe Sockets

To save clinicians valuable time and energy by relieving the trouble of changing transducers frequently





# Small Animals Solutions

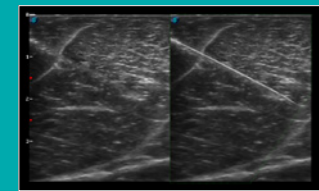
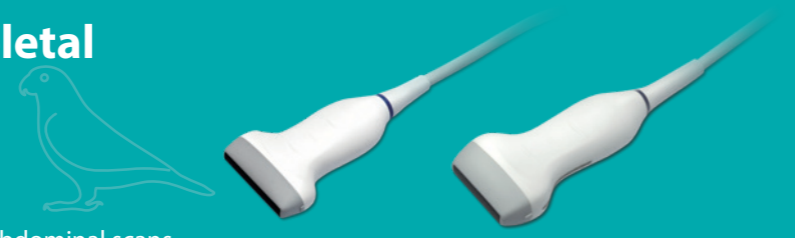
Feline, small to medium sized canine and exotic small animals



## Superficial and Musculoskeletal

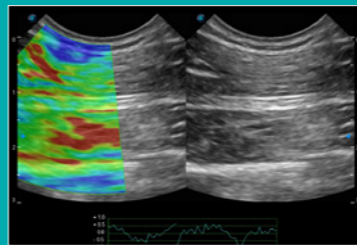
### 12L-A / 12L-B

Ultra HD composite crystal linear probe  
Superior, detailed superficial, small parts, and even abdominal scans



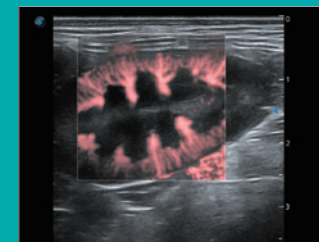
### Vis-Needle

Enhanced needle visualization technology reveals needle location within animal anatomy with no distortion when performing interventions like nerve blocks and tissue biopsies.



### Strain Elastography

Offers a real-time tissue stiffness assessment displayed as a color map to detect potential abnormalities within normal tissues.



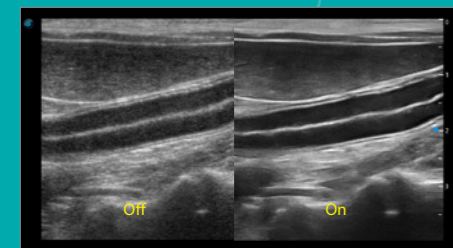
### Micro F

Distinguishes minute flow from overlaying tissue movement effectively, and depict hemodynamic with higher sensitivity and spatial resolution.

## Abdomen and Reproduction

### C613

Wide FOV micro convex probe  
Abdominal probe for cats and dogs  
Small foot print enables basic cardiac exam in cats and small dogs



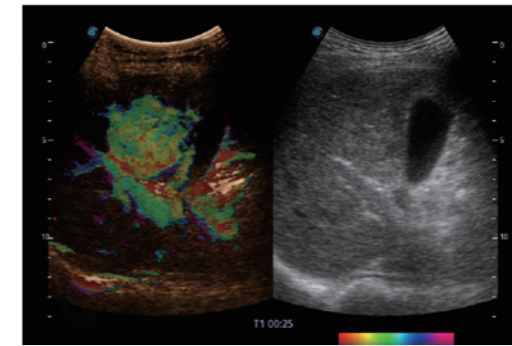
### μ-Scan<sup>+</sup>

Is delicately engineered to reduce speckles while improve image uniformity and enhance border continuity, providing authentic presentation of details and enhanced lesion display.



### Sono Assistant

Guides clinicians through the entire exam and provides customizable abdomen and cardiac scanning templates helping streamline workflow while increasing standardization.

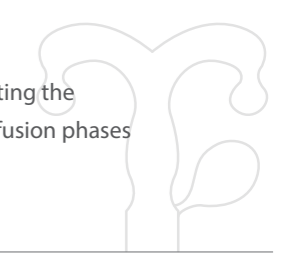


## Contrast Enhanced Ultrasound

The non-linear contrast enhanced ultrasound imaging makes full use of harmonic and fundamental signals to give a more enhanced image of difficult-to-view blood flow.

### MFI Time:

Provides a color coded parametric view, indicating the uptake time of contrast agents in different perfusion phases to better differentiate tissues.



## Cardiology

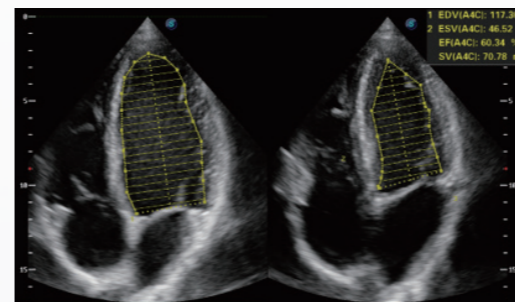
### 7P-A

Mid-to-high-frequency phased array probe  
Cardiac probe for small and medium sized species



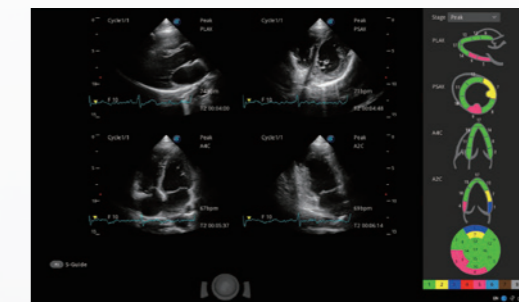
### 8P1

High-frequency phased array probe  
Cardiac probe for small sized species



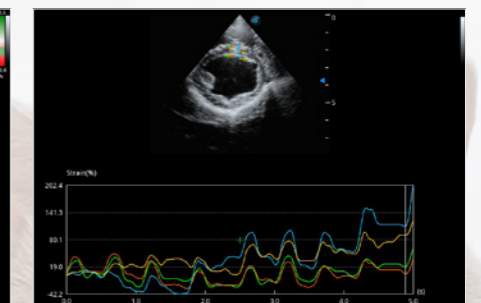
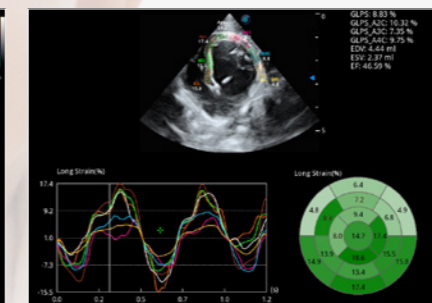
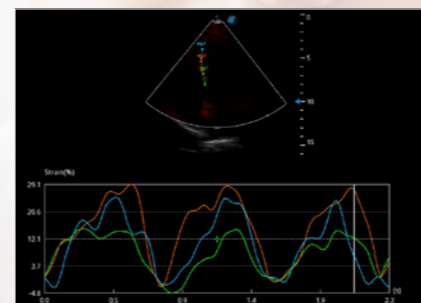
### Auto EF

Automatic ejection fraction calculation based on left ventricular wall tracing and Simpson's rule saves time and efforts compared with manual measurement.



### Stress Echo

A straightforward template for clinicians to take multiple dynamic images at rest and after stress and make side by side comparison. Professional wall motion bulls-eye scoring and reporting is provided for further effective evaluation of animal cardiac muscle viability.



### MQA

Precise left ventricular wall motion detection with globally 2D speckle patterns tracking provides accurate quantitative analysis including strain, strain rate, displacement, velocity, etc. on myocardial walls.





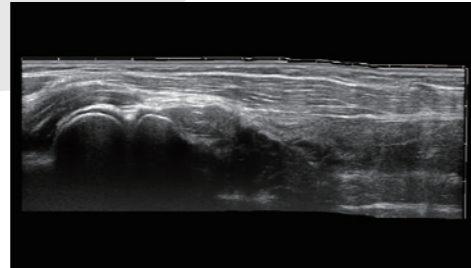
# Large Animal Solutions

Big-sized canine, equine, farm animals and exotic big animals

## Musculoskeletal and Tendon

### L742

HD linear transducer  
Capable of producing superior, deep penetration tendon scans and all orthopaedic work

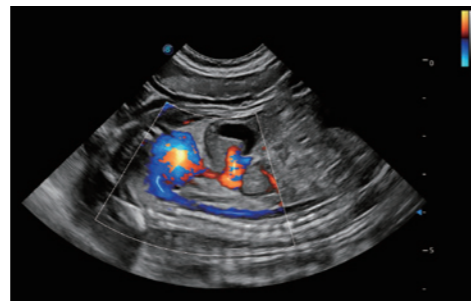
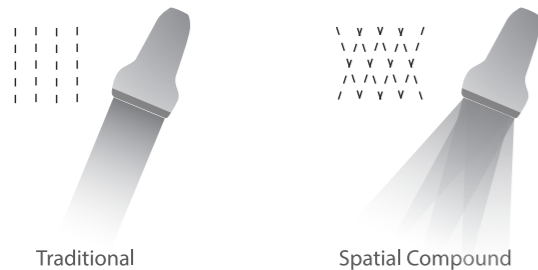


### Panoramic

Real-time 2D and Color/Power Doppler Panoramic Imaging enables to extend the field of view and any mistakes can also be easily back tracked and corrected without interrupting the scan.

### Spatial Compound Imaging

Utilizes several lines of sight for optimal contrast resolution, speckle reduction and border detection, with which is ideal for superficial imaging with better clarity and improved continuity of structures.



### Bright Flow

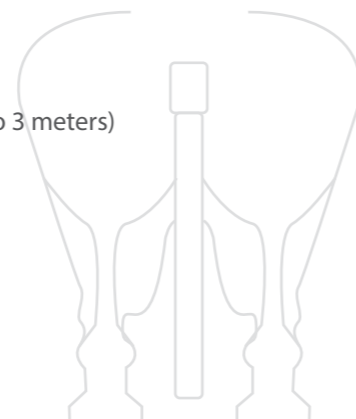
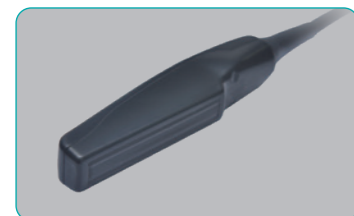
3D-like color Doppler flow strengthens boundary definition of vessel walls, helping clinicians more intuitively visualize blood flow.

## Reproduction

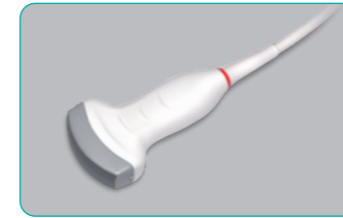
### L741V

High definition intrarectal linear transducer  
Ideal for equine and farm animal reproduction exam

Anti-liquid, anti-dirty and easy-clean design  
An extra-long cable tailed for large animal scanning scenario (can be up to 3 meters)  
High resolution with wide field of view designed for IVF

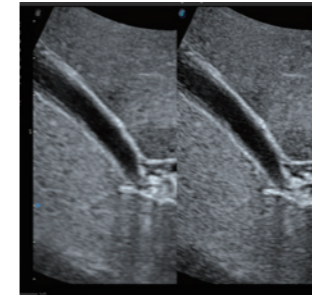


## Abdomen



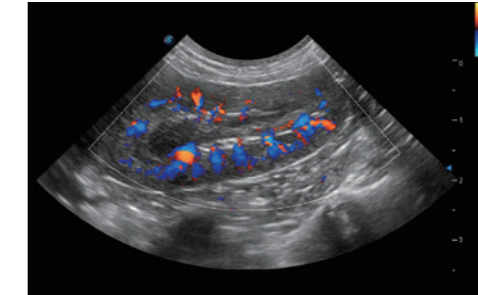
### C1-6

Ultra HD, single crystal technology convex probe  
High definition abdominal exams



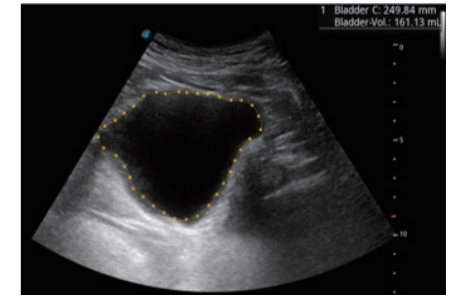
### HQ Scan

A newly-developed 2D improvement technology to enhance the contrast and whole image structure with better details.



### SR Flow

Enables a dynamic and vivid Doppler display with high sensitivity while ensuring a realistic evidence for detections of slow flows.



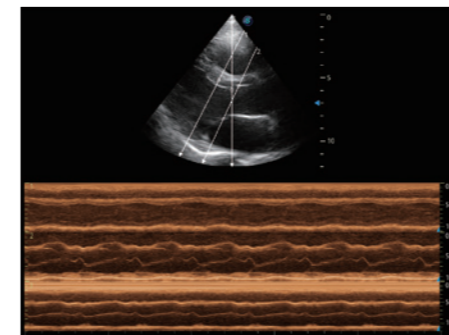
### Auto Bladder

One key bladder wall tracing and volume measurement from Auto Bladder can efficiently provide more accurate contour and results, which is not subject to the bladder shape and size.

## Cardiology

### 4P-A

Low-frequency phased array  
For giant canine and large species with good contrast and signal-to-noise ratio

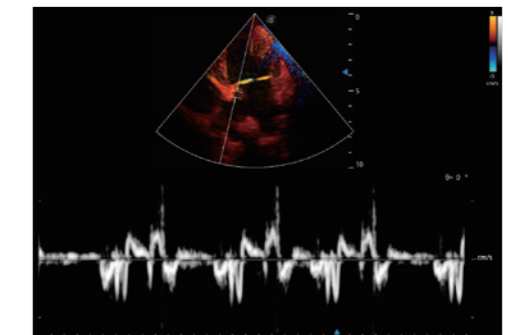


### AMM

Collects data with up to three sampling lines at one time to implement detailed assessment on wall motion. It greatly improves the reproducibility and accuracy of left ventricular measurement.

### S1-5

Ultra HD single crystal technology phased array probe  
High definition echocardiography for giant and medium sizes species with better penetration and SNR



### TDI

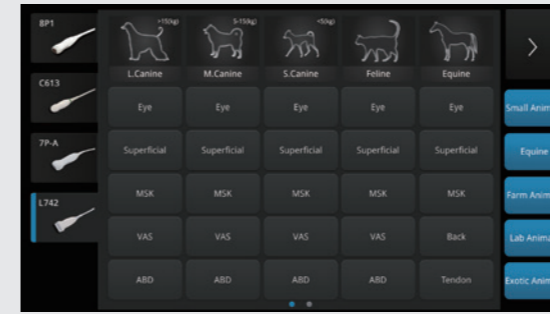
Uses myocardial Doppler frequency shifts to quantify myocardial tissue motion, with red and blue representing the different direction of wall movement.



# Specialized Software for Veterinary Care

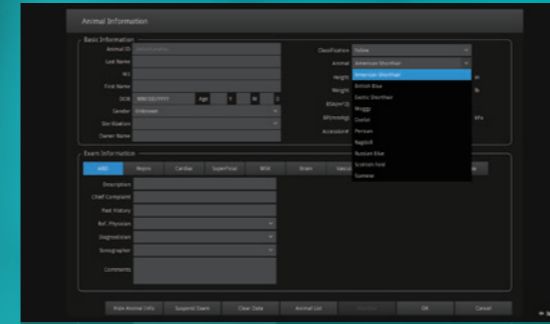
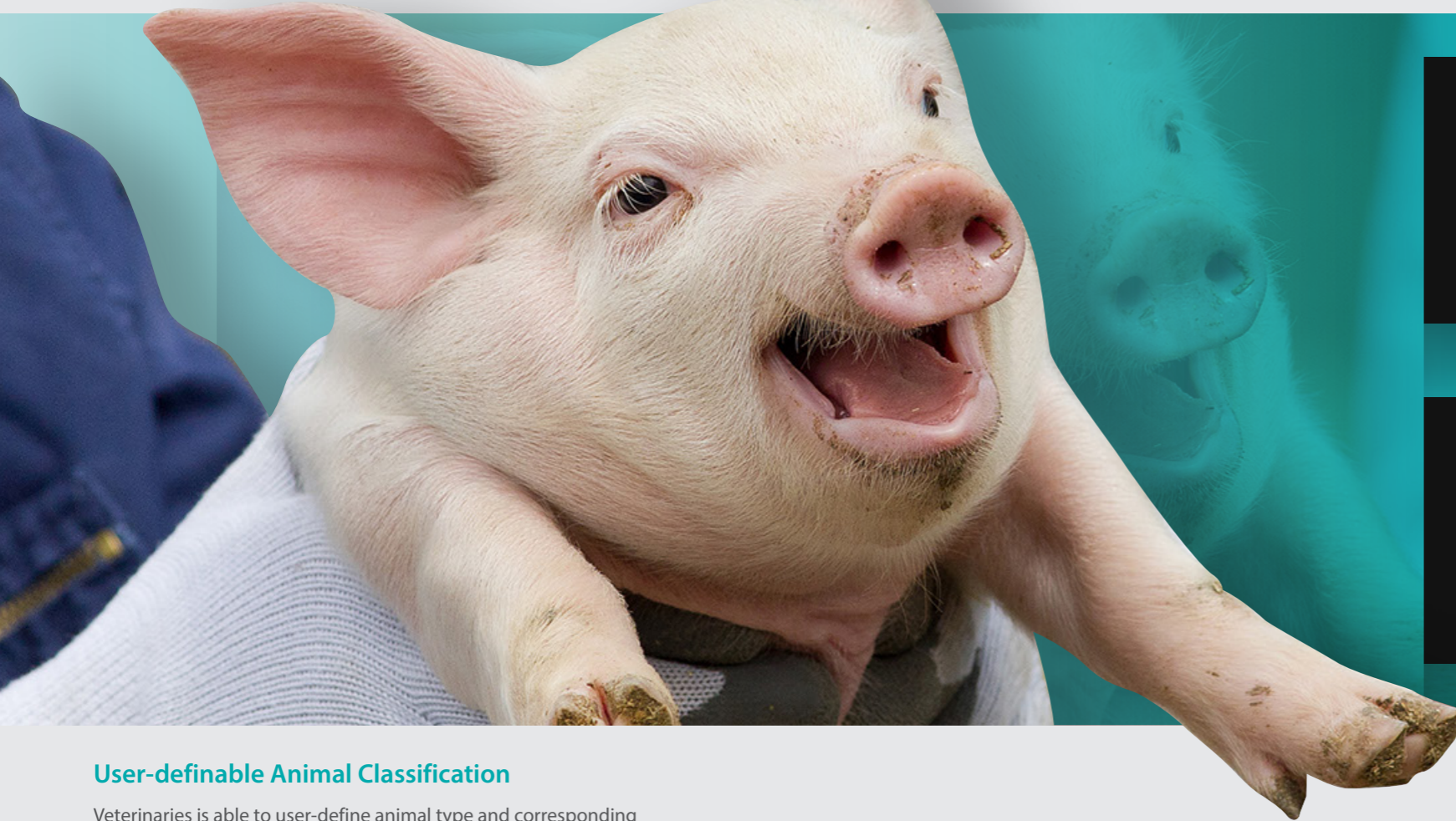


The ProPet is designed for veterinarians to guarantee a very high level of professionalism in all vet applications. With the vet-dedicated software they can get an intuitive operation and accurate diagnosis in the fastest possible way.



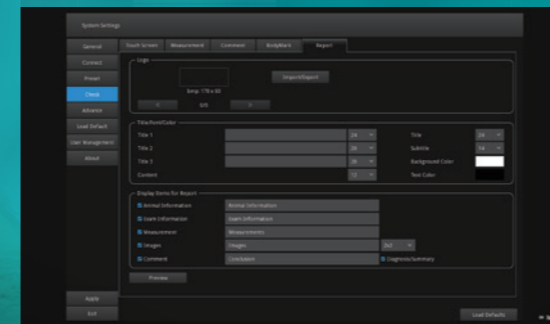
## Flexible and Intuitive Veterinary Exam Mode

Makes it easy to choose from a list of animal types, transducers as well as presets combination in one click.



## Dedicated Animal Patient Information Input Interface

Is designed specifically for veterinary environment with fields for animal's name, species, breed and castration status.



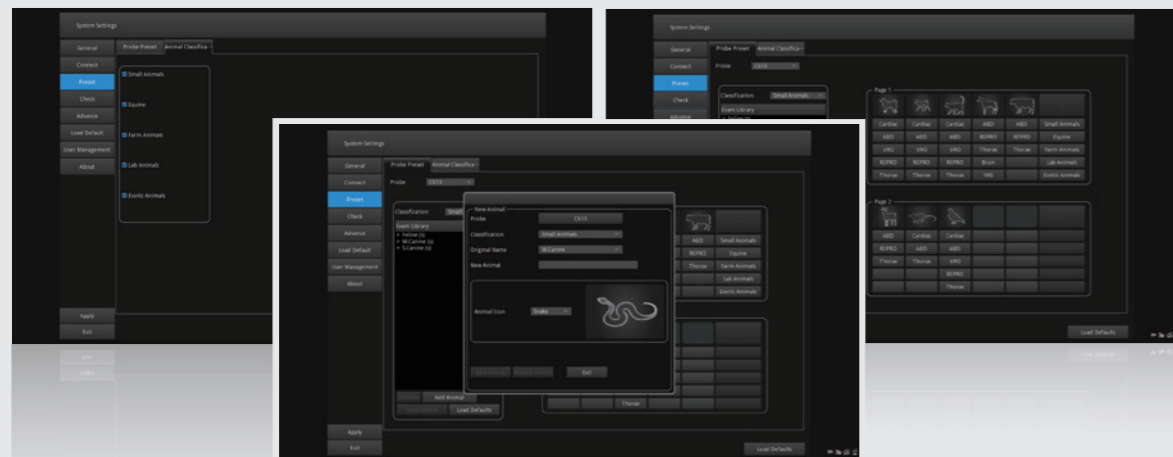
## Professional Veterinary Measurement and Report

Covers a full range of applications like reproduction, cardiac and MSK, etc, providing necessary tools to the user's needs, including Cornell & BSA animal specific formulas.



## User-definable Animal Classification

Veterinarians is able to user-define animal type and corresponding graphic exam icon in system setting for specific veterinary application.



## Comprehensive Veterinary Bodymarks and Annotations

Covers 200+ veterinary bodymarks and 120+ veterinary annotations including small animals, equine, farm animals, lab animals and exotic animals with more than 20 species.

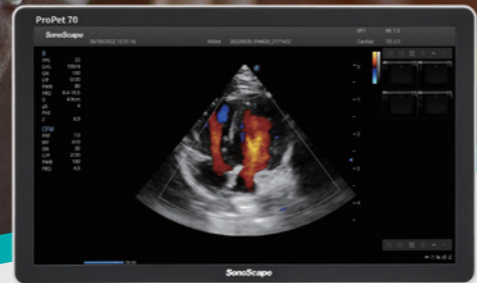
-  **200+** Veterinary Bodymarks
-  **120+** Veterinary Annotations
-  **20+** Species





# Smooth Experience for Better User-machine Interaction

Veterinarians' work can be burdensome due to the daily ins and outs. SonoScape strives to prepare veterinarians as much as possible so they can focus on what they are passionate about. Better user experience always was, and always will be, our goal.



## Streamlined Workflow

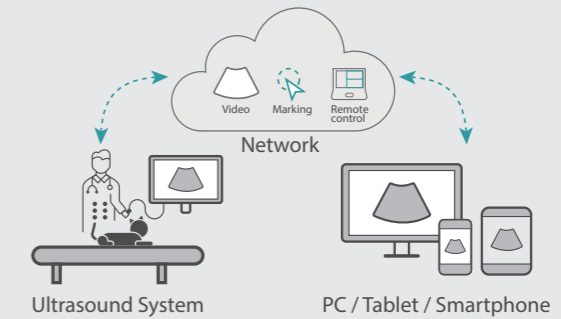
### Sono-Drop

Provides a fast and convenient ultrasound image transmission between ultrasound machine and smart devices.

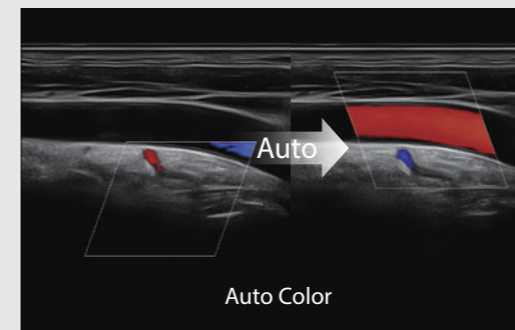


## Sono-Synch

Makes it possible to connect ultrasound with smart devices, laptop computer or even another ultrasound system in a remote distance and perform remote medical consultation and tutorial.

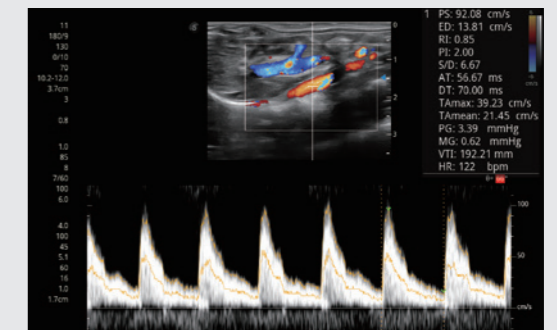


## Smart Tools



### Auto Optimization

Provides intuitive one touch 2D, Color and Dopple image optimization through intelligent real-time algorithms.



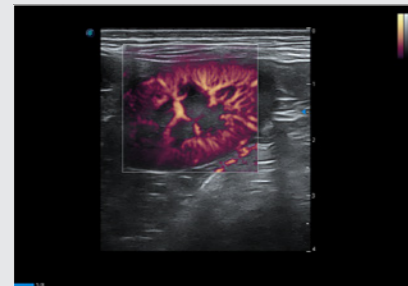
### Auto Trace

It can trace the PW/CW spectrum automatically, which help doctors make measurement easily and conveniently.



## Stunning Images within Reach

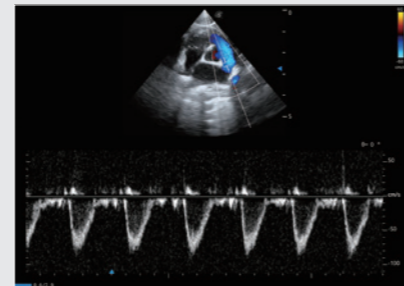
ProPet 70 combines the latest intelligence software and single crystal probe technology to deliver exceptional images, defining the subtlest pathology, from great danes to tiny exotics and significantly delivers better clinical outcomes.



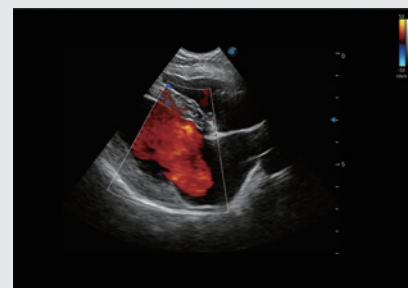
Canine Renal Blood Flow



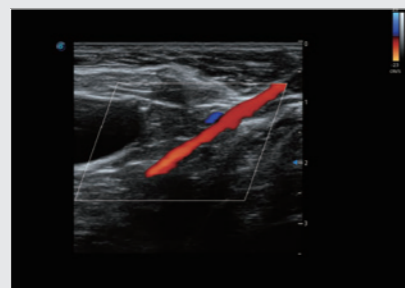
Feline Gallbladder



PW Mode of Feline Heart



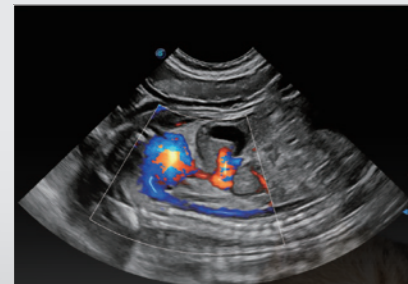
Canine Cardiac Blood Flow



Canine Iliac Blood Flow



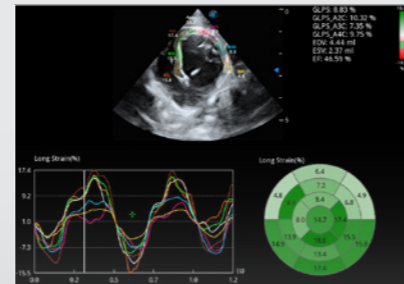
Canine A4C



Aortic Arch of Canine Fetus



Canine Liver



MQA of Canine A4C



## Dedicated Veterinary Transducers

ProPet series transducers cover all possible veterinary examinations and species. Specifically tailored transducers are also available for transrectal reproduction, ovum pick-up scanning, tendons and ligaments scan, TEE cardiac and even laparoscopic scanning.

