SonoScape

The Full Shared Service System for Veterinarian's Imaging Need

ProPet 70

Veterinary Color Doppler Ultrasound System

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Ultrasound System

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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 incrediable values beyond your expectations.

Optimized Design Inspires Every Ergonomic Scanning

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

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

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
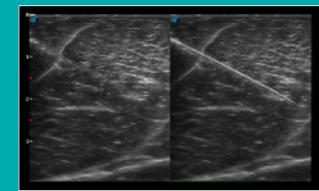
Small Animals Solutions

Feline, small to medium sized canine and exotic small animals
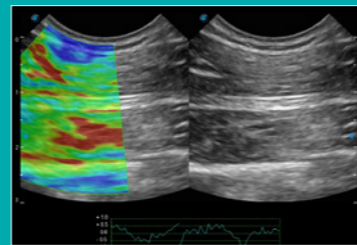
Superficial and Musculoskeletal

12L-A / 12L-B

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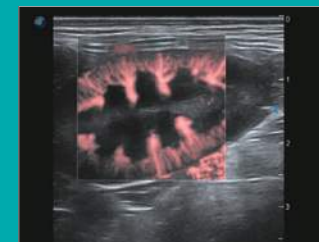
Vis-Needle

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

Micro F

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

Strain Elastography

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

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
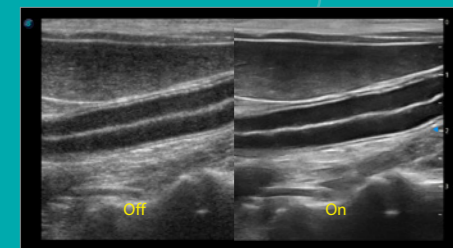
μ-Scan$^+$

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.
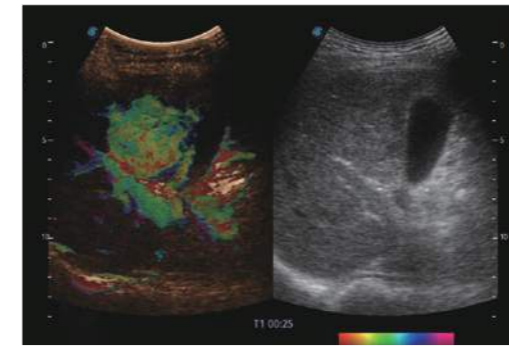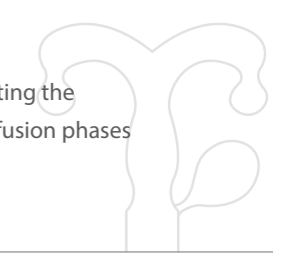
Contrast Enhanced Ultrasound

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.
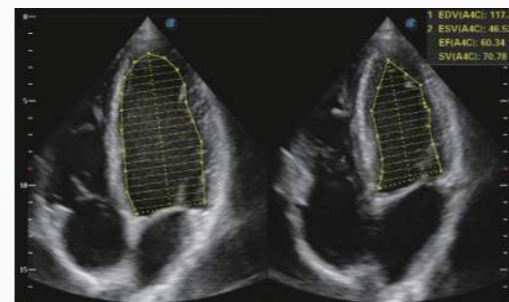
Cardiology

7P-A

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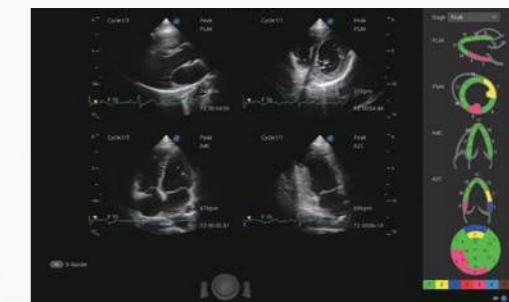Cardiac probe for small and medium sized species

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.
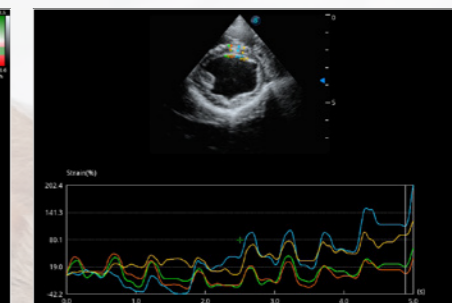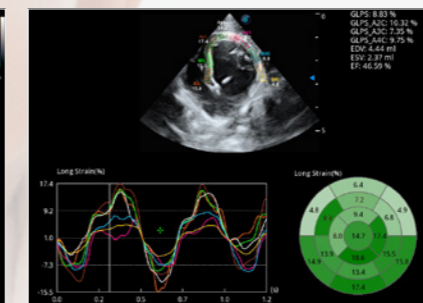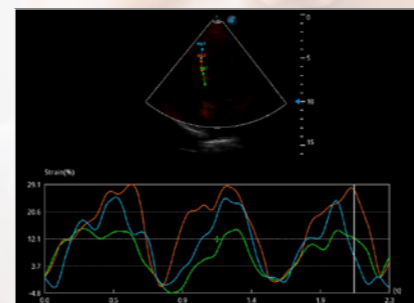
MQA

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.
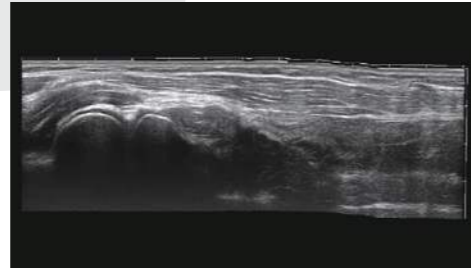
Large Animal Solutions

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

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.

Traditional   Spatial Compound

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.
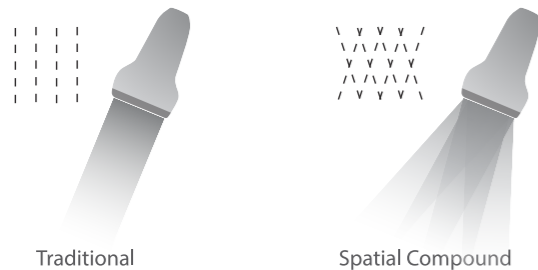
Bright Flow

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)
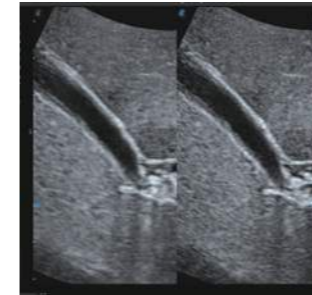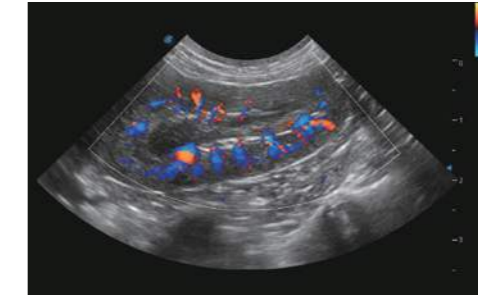High resolution with wide field of view designed for IVF
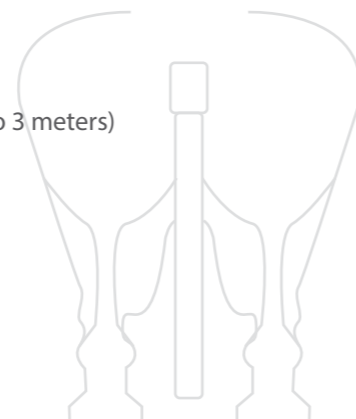
Abdomen

C1-6

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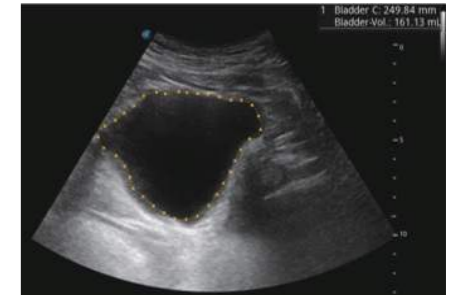High definition abdominal exams

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
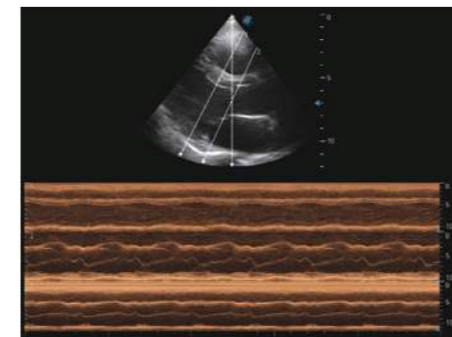evidence for detections of slow flows.

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

S1-5

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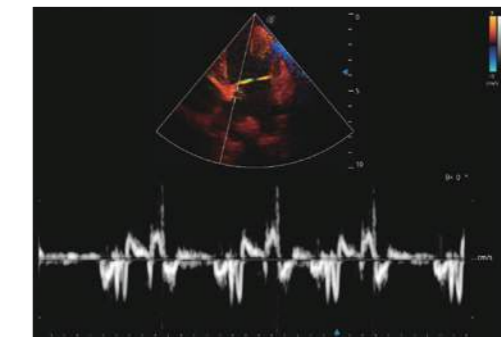sizes species with better penetration and SNR

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.

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.
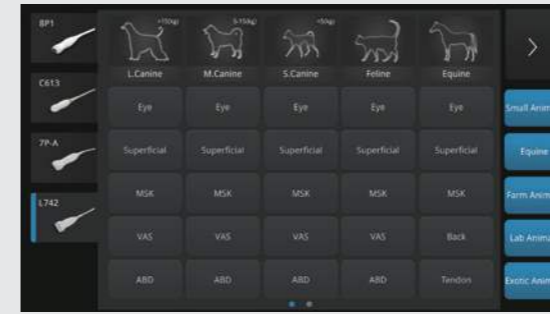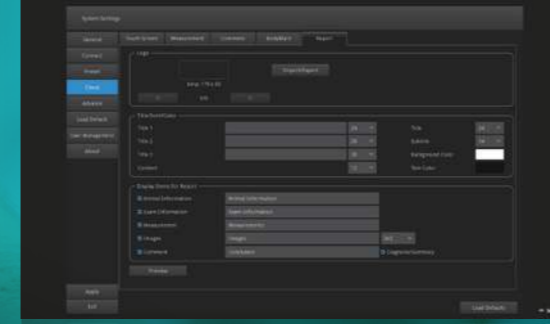
Flexible and Intuitive Veterinary Exam Mode

Makes it easy to choose from a list of animal types, transducers as well as presets combination in one click.
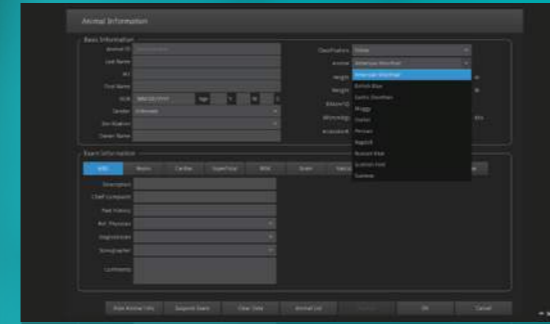
Dedicated Animal Patient Information Input Interface

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.

Measure | Report

User-definable Animal Classification

Veterinaries is able to user-define animal type and corresponding graphic exam icon in system setting for specific veterinary application.
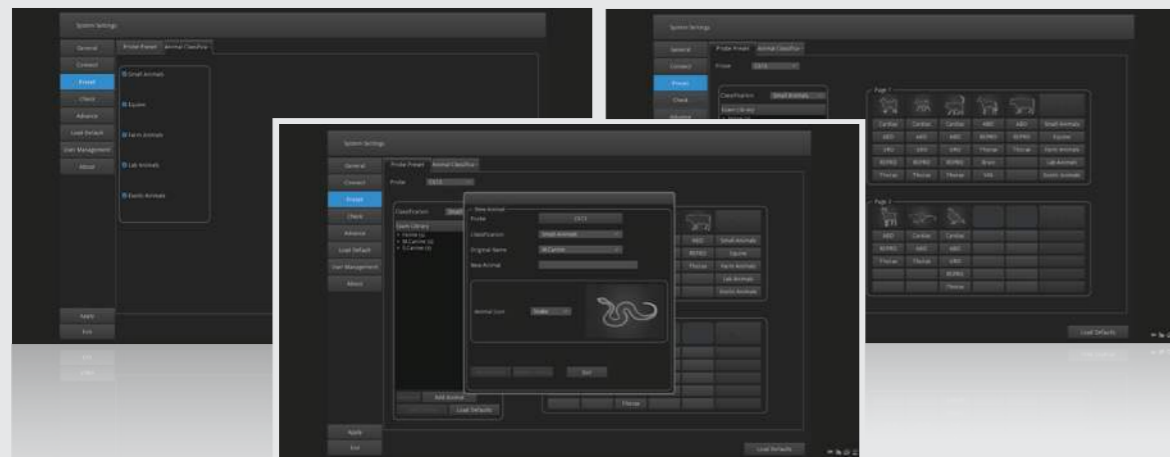
Comprehensive Veterinary Bodymarks and Annotations

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.
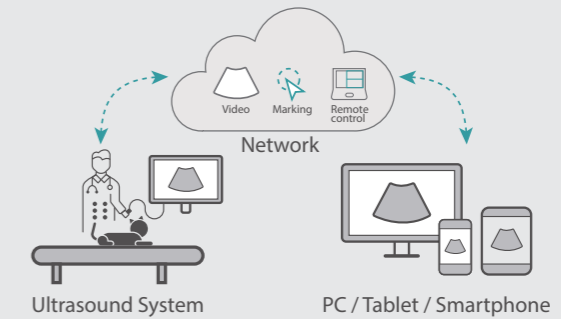
Streamlined Workflow

Sono-Drop

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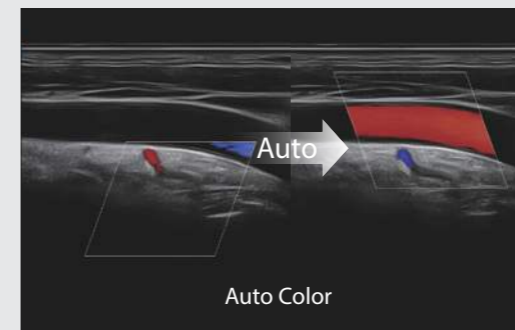
Sono-Synch

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.
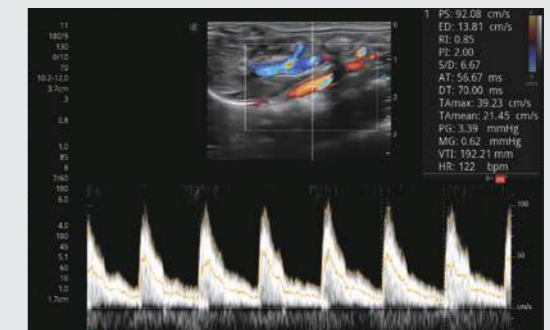
Video   Marking   Remote control

Network

Ultrasound System

PC / Tablet / Smartphone

Smart Tools

Auto

Auto Color

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.

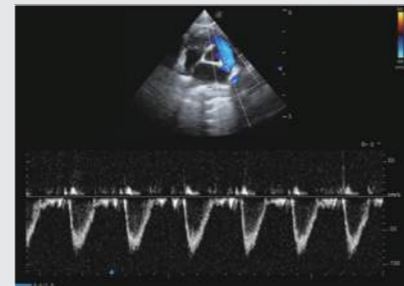# Stunning Images within Reach

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.
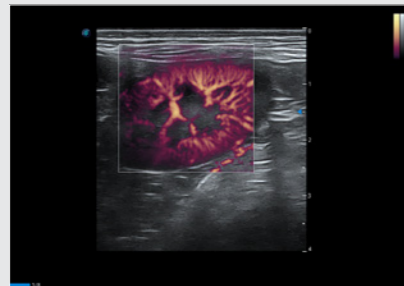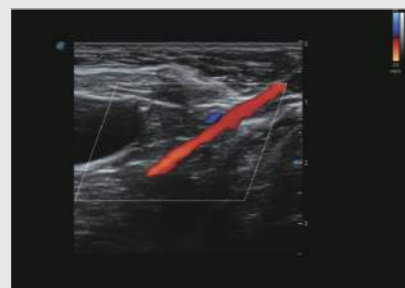
Canine Renal Blood Flow

Feline Gallbladder

PW Mode of Feline Heart

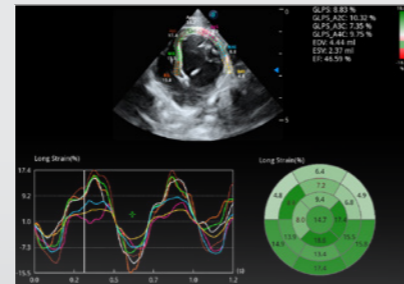Canine Cardiac Blood Flow

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.