

Premium Performance for Better Diagnosis

ProPet 80

Veterinary Color Doppler Ultrasound System





ProPet 80

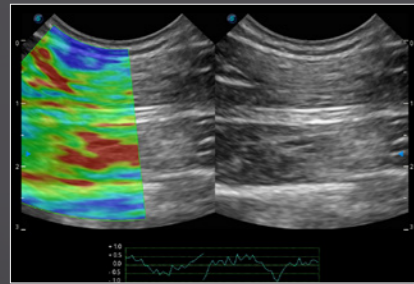
All creatures are great and small. Animals are the closest friends and most trusted partners of human beings. SonoScape has always been devoted to exploring the dedicated diagnostic imaging solutions for veterinary needs. Starting a new phase in ultrasound imaging, SonoScape rolls out the brand new ProPet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

ProPet 80, the premium veterinary ultrasound imaging system, adopts the most cutting-edge ultrasound technology to deliver quick diagnostic information, advanced functionality and an ergonomic system to tackle the rising number of challenging cases and ever-increasing diversified demands for veterinary practice on all fronts. It is indeed worth considering if you need a hospital-based machine capable of high end ultrasonography.

Outstanding Performance in Abdomen and Superficial Assessment

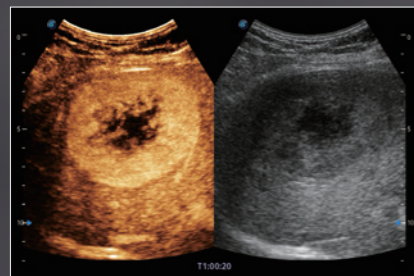


Clinical confidence requires high performance and advanced tools. ProPet is designed with advanced tools for abdomen and superficial application helping veterinarians in everyday clinical practice like never before.



Strain Elastography

Offers a real-time tissue stiffness assessment displayed as a color map to detect potential abnormalities within normal tissue. Available on linear, convex, micro-convex, and endo-cavity transducers to cover a wide range of applications.



Contrast Enhanced Ultrasound

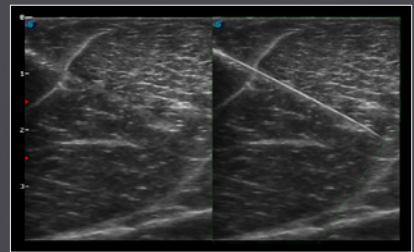
The non-linear contrast enhanced ultrasound imaging makes full use of harmonic and fundamental signals to give a more enhanced image of difficult-to-view blood flow.

MFI:

MFI is an enhanced perfusion display enabled by the signal accumulation of contrast agents. It is useful for tracing small bubble populations, even in low-perfused and peripheral regions.

MFI Time:

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



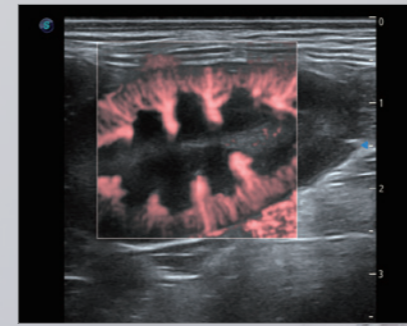
Vis-Needle

Reveals needle location within animal anatomy with no distortion when performing interventions like nerve blocks and tissue biopsies.



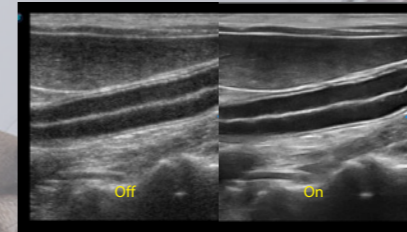
Bright Flow

Shows blood flow in vessels in a 3D like display and helps clinicians more intuitively visualize blood flow.



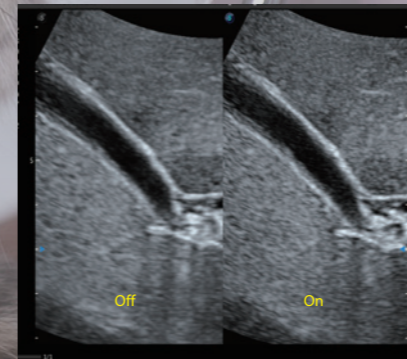
Micro F

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



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.



HQ Scan

HQ scan is a newly-developed 2D improvement technology to enhance the contrast and whole image structure with better details. It is more helpful to visualize the border and margin of space-occupying lesions, nodules and tumors in parenchymatous organs.

Professional Abdomen & Superficial Probes

12L-A / 12L-B

Ultra HD composite crystal linear probe
Superior, detailed superficial, small parts, and tendon scans
High definition abdominal exams

C1-6

Ultra HD single crystal technology convex probe
High definition abdominal exams

C613

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

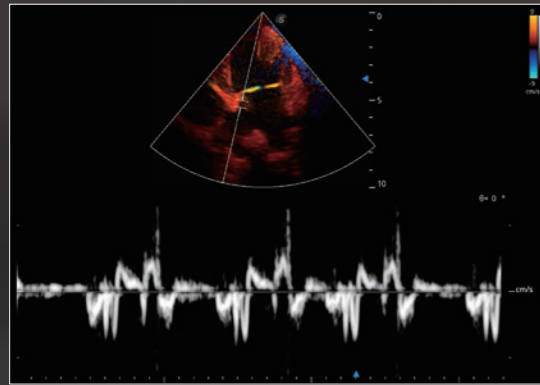
C322

Low frequency micro convex probe
General ultrasonography
Abdominal and basic cardiac in giant and medium sized dogs



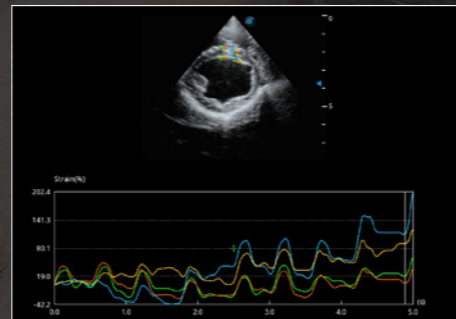
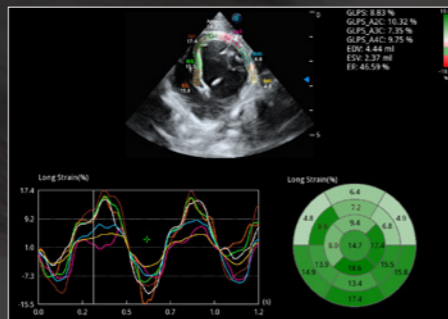
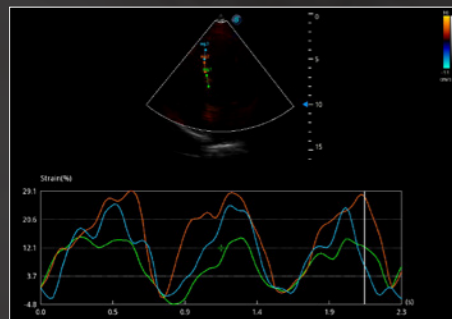
Elevating Cardiac Care with a Complete Trust

Equipped with SonoScape's full range of phased array probes (S1-5, 7P-A, 8P1), sophisticated processing technology and state-of-the-art cardiac tools, ProPet series offer veterinarians a comprehensive assessment of cardiac and myocardial functions.



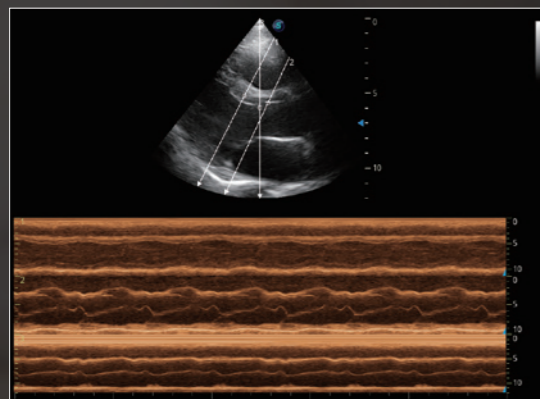
TDI

TDI uses myocardial Doppler frequency shifts to quantify myocardial tissue motion, with red and blue representing the different directions of wall movement. Combining TDI with PW is to better obtain the motion trajectory of the myocardial wall.



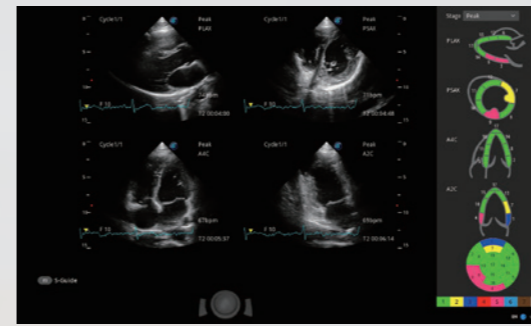
MQA

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.



AMM

Collects data with up to 3 sample lines at one time to implement detailed assessment on wall motion. It greatly improves the reproducibility and accuracy of left ventricular measurement.



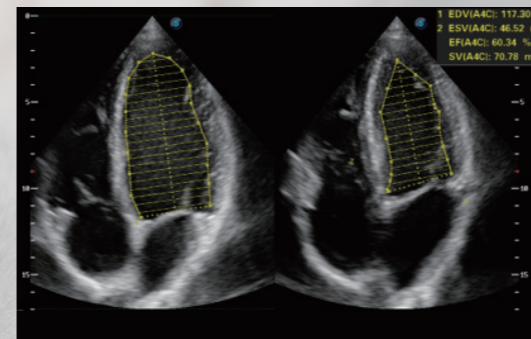
Stress Echo

Takes multiple dynamic images at rest and after stress and makes side by side comparison. Professional wall motion bulls-eye scoring and reporting is provided for further effective evaluation of animal cardiac muscle viability.



LVO

Enables to enhance discrimination between myocardial tissue and blood pool, providing better visualization of the endocardia border display especially for difficult patients.



Auto EF

Save more time and efforts compared with manual measurement with Auto EF, which calculates ejection fraction based on left ventricular wall tracing and Simpson's rule.

Professional Cardiology Probes

7P-A

Mid-frequency phased array probe
Cardiac probe for cats and medium sized and small dogs

8P1

High-frequency phased array probe
Cardiac probe for small cats and small dogs

S1-5

Ultra HD single crystal technology phased array probe
High definition echocardiology for giant and medium sized dogs

MPTEE mini

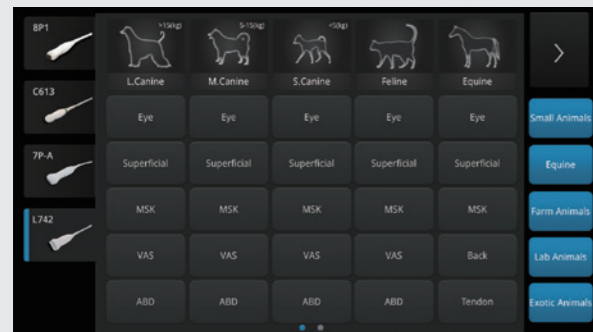
Multi-Plane transesophageal echocardiography probe

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.

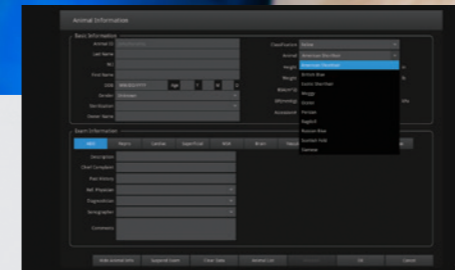
Flexible and Intuitive Veterinary Exam Mode

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



User-definable Animal Classification

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

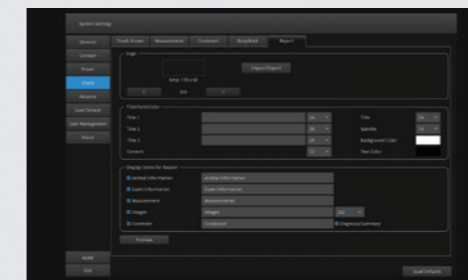


Dedicated Animal Patient Information Input Interface

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

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.



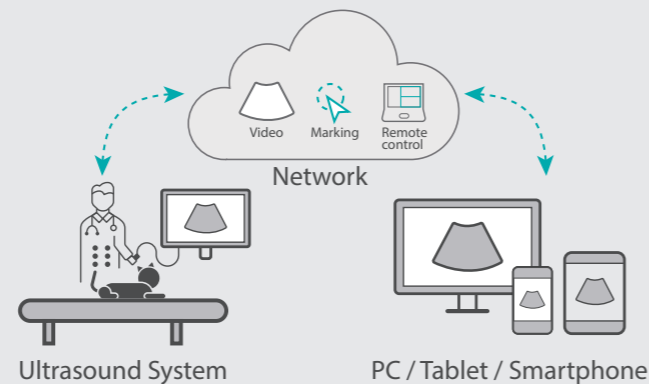
Sono Assistant

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

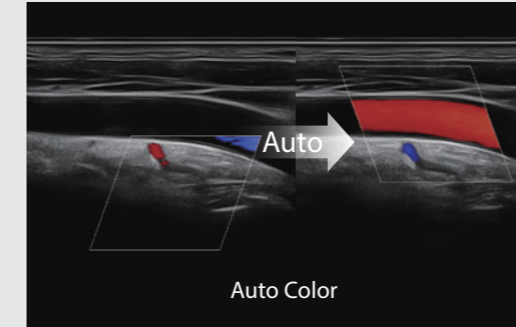


Sono-Synch

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.

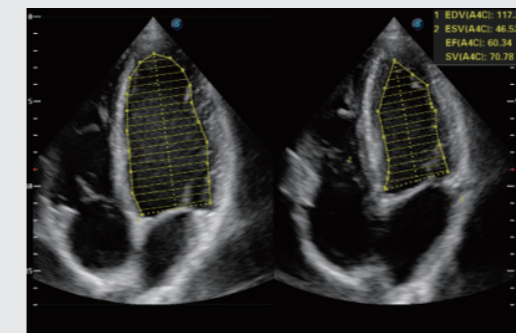


Smart Tools



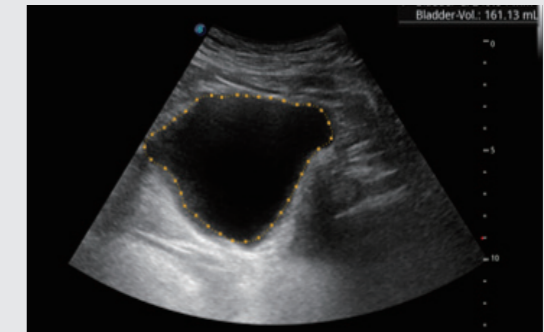
Auto Optimization

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



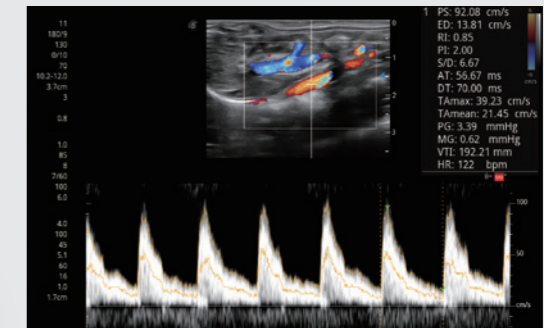
Auto EF

Based on left ventricular wall tracing and Simpson's rule saves time and efforts compared with manual measurement.



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.



Auto Trace

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



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 ultrasound 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 80 features a 23.8" full HD LED display, 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



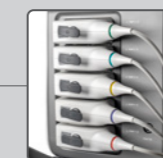
Dust-proof and Protection Bag

To provide a reassuring guard way for probe, reduce the clean time for probe, and also improve the life time of probe



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

Stunning Images within Reach

ProPet 80 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.



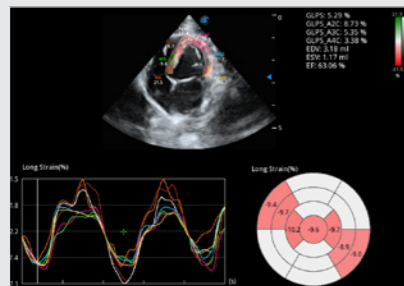
Canine Liver



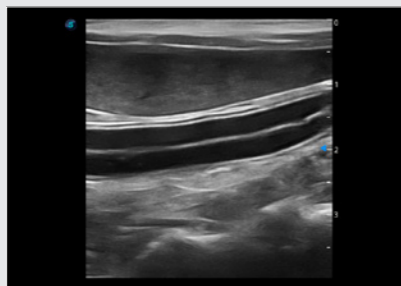
Feline Gallbladder



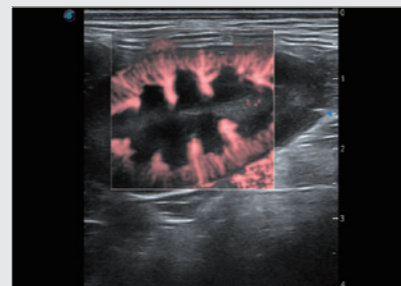
Aortic Arch of Canine Fetus



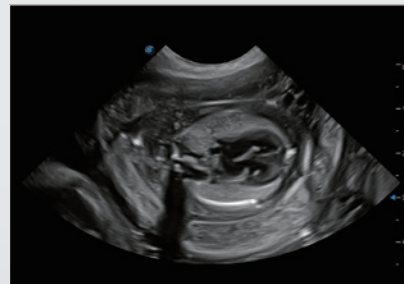
MQA of Canine A4C



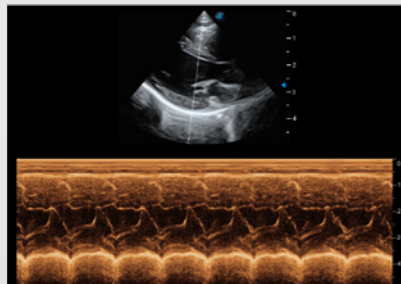
Canine Intestine



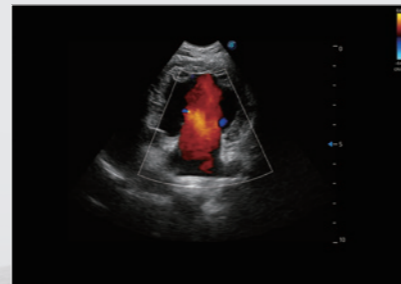
Canine Renal Blood Flow



A4C of Canine Fetus



M Mode of Feline Heart



Canine Cardiac Blood Flow



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.

