

VU3EXP

Veterinary Color Doppler Ultrasound System

Comprehensive and Precise



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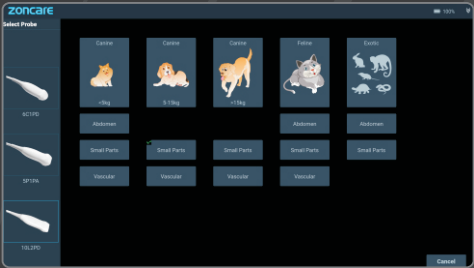
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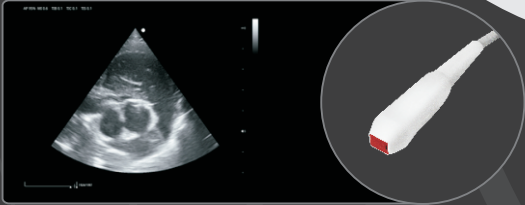


Companion Animals Healthcare Solution

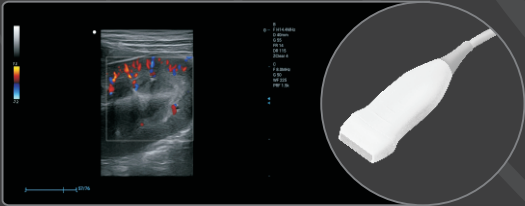
Professional Vet-specific Presets



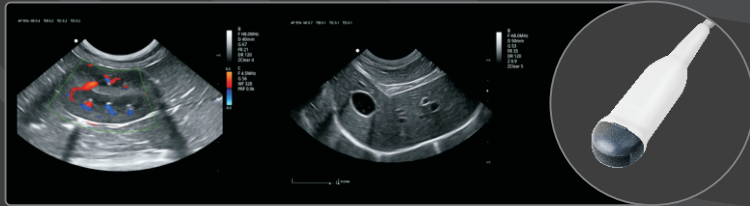
8P2MA
3.5-15.0MHz
Single crystal phased array probe
For Cardiology of felines



10L2PD
4.2-16.0MHz
High-frequency linear array probe
For Abdomen and Small Parts



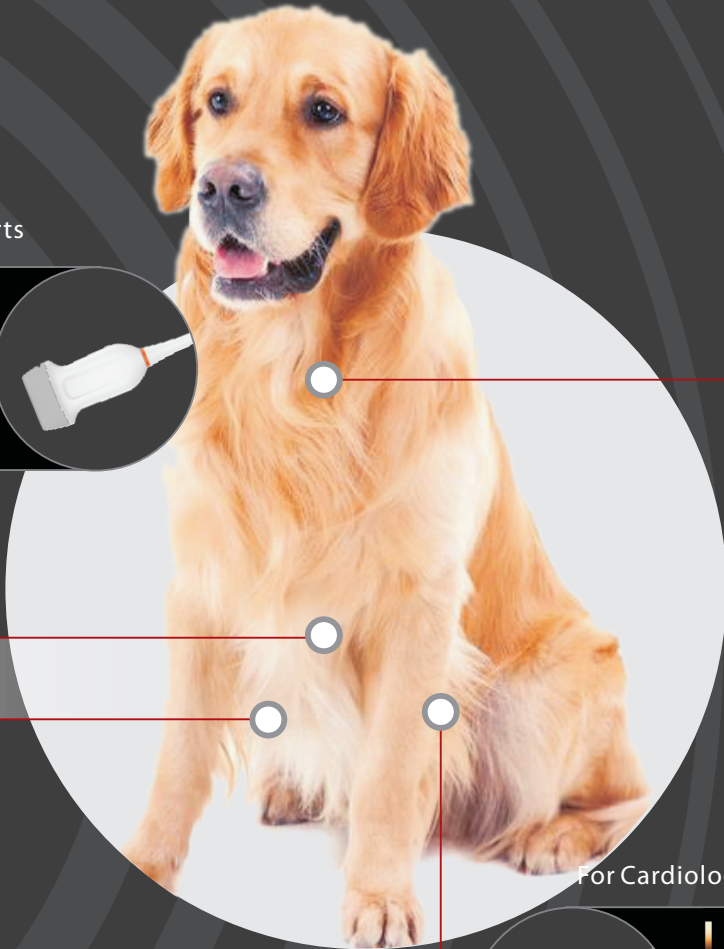
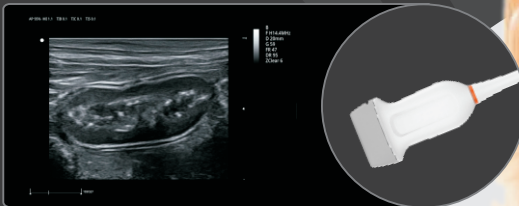
6C1PDA
2.5-13.5MHz
Micro convex array probe
For Abdomen, Cardiology, Reproduction



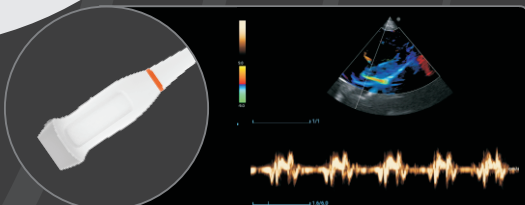
Portable & Highly Versatile

The VU3EXP is a robust veterinary ultrasound system tailored for imaging needs in a variety of animal species. With advanced technology and high-performance transducers, it delivers high-quality imaging. Designed for versatility and professionalism, the portable system effectively meets diverse diagnostic requirements, making it well-suited for professional examinations in various settings and realizing a balance of expertise and portability.

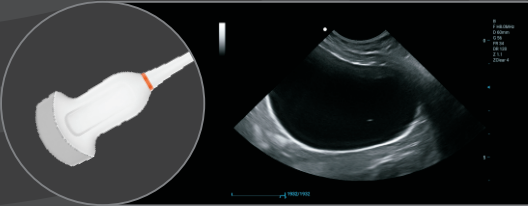
7L4PDS
4.2-15.0MHz
Linear array probe
For Abdomen and Small Parts



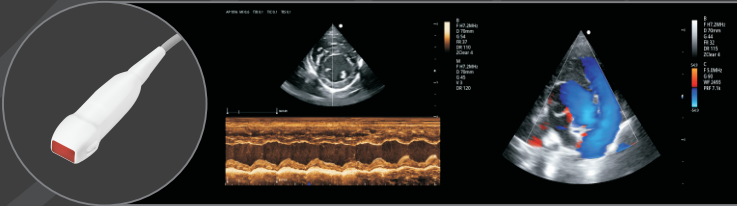
3P2PA
1.0-6.5MHz
Phased array probe
For Cardiology of big-sized canines



3C5PDS
1.0-7.5MHz
Convex array probe
For Abdomen and Reproduction



5P1PAA
2.5-13.0MHz
Phased array probe
For Cardiology of small and medium-sized canines



*More transducers can be supported, please contact your local sales representative for further details.



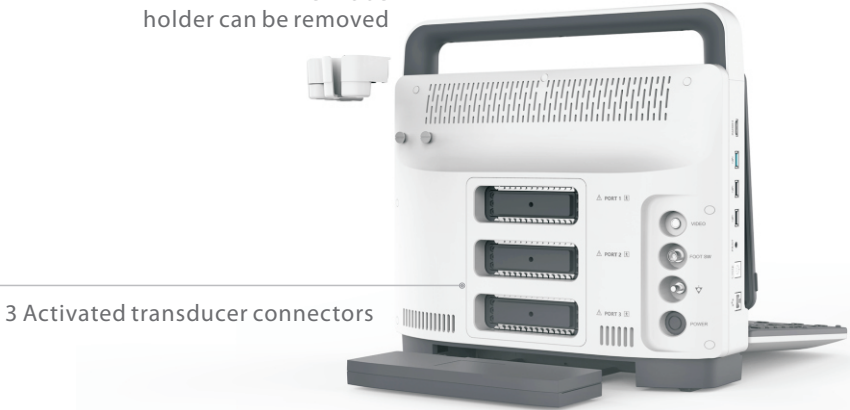
Ergonomics Dedicated for Veterinary Care

Match the ingenious ergonomic design with the compact size, VU3EXP has remarkable adaptability which can fit variable flexible usage scenario for veterinary practice.



Splash-resistant keyboard protection film
-Reliable cleaning and disinfection

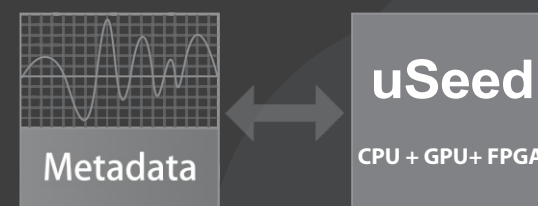
The Probe holder can be removed



EXP

uSeed Platform

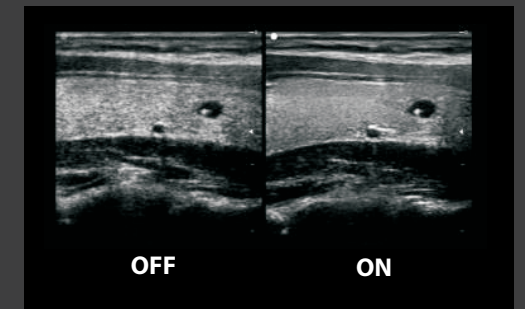
VU 3EXP facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU +FPGA heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Technologies

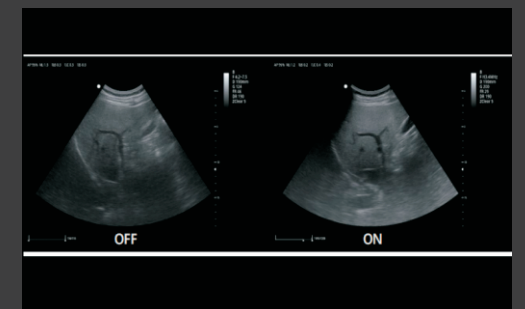
- Frequency Composite Imaging

Combine the high penetration of the fundamental frequency and the high resolution of the harmonic frequency to improve the detail resolution and contrast resolution of the near field and the far field to provide the best image quality.



- Pulse Inverse Harmonic Imaging PIHI

By removing the fundamental wave signal while maximizing the retention of the second harmonic wave signal, the signal intensity is increased by more than 30% compared to traditional signal processing, reducing noise and artifacts, and improving the contrast resolution of tissue images.



- ZClear Adaptive Spatial Filtering

This technology tracks the specific signals of different tissue edges in real time to enhance the edges, while monitoring each pixel to optimize tissue signal, effectively removing noise, and integrating edge information and internal tissue pixel information perfectly. It retains valid signals and restores two-dimensional images with real, delicate, and excellent contrast.

