VU3EXP

Veterinary Color Doppler Ultrasound System

Comprehensive and Precise



Wuhan Zoncare Bio-medical Electronics Co.,Ltd.

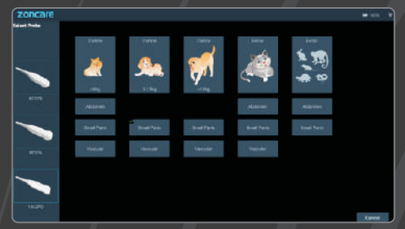
Add: Zoncare Building, No. 380, High-tech 2nd Road, Eastlake High-tech District,
Wuhan, Hubei 430206 P. R. China.
Tel: +86-27-8777 0203 Fax: +86-27-8777 0581

Email: info@zoncare.com http://www.zoncare.com

2024 Wuhan Zoncare Bio-Medical Electronics Co.,Ltd. All rights reserved. Specifications subject to changes without prior notice.

Companion Animals Healthcare Solution

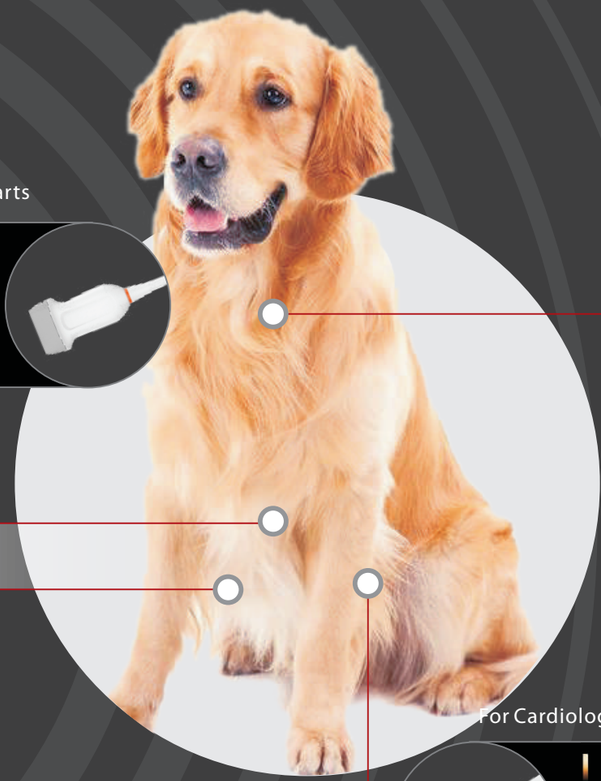
Professional Vet-specific Presets



Portable & Highly Versatile

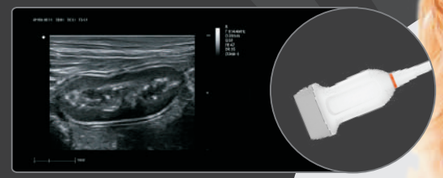
The VU3EXP is a robust veterinary ultrasound system tailored for imaging needs in a variety of animal species. With advanced technology and high-performance transducers, it delivers high-quality imaging.
Designed for versatility and professionalism, the portable system effectively meets diverse diagnostic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





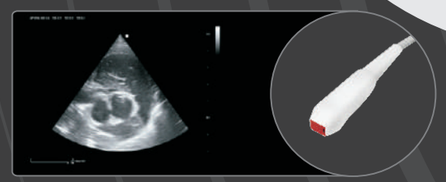
7L4PDS

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



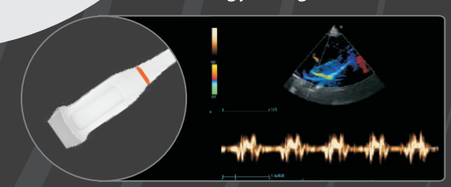
8P2MA

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



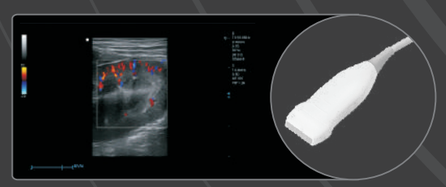
3P2PA

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



10L2PD

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



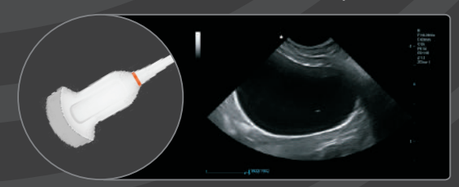
6C1PDA

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



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.

Powerful Intelligent Functions

- **Professional veterinary measurement formulas**
- **Pre-set inspection conditions for different animals and applications**
- **Powerful data management system**
- **Rich reporting information**
- **One-key Automatic Optimization to enhance image clarity**
- **Automatic Spectrum Envelope**

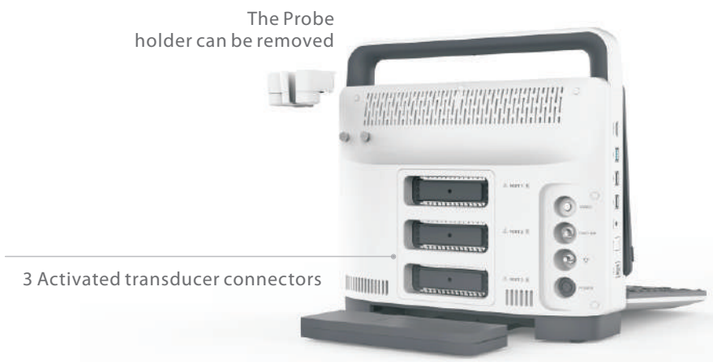
Ergonomics Dedicated for Veterinary Care

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

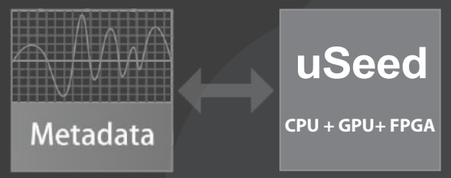


The battery can be removed



uSeed Platform

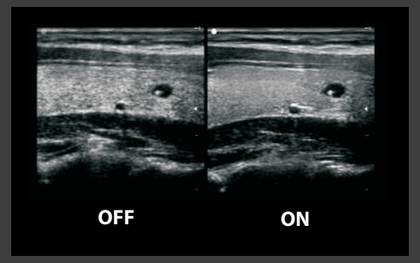
VU 3EXP facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU +FPGAheterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Technologies

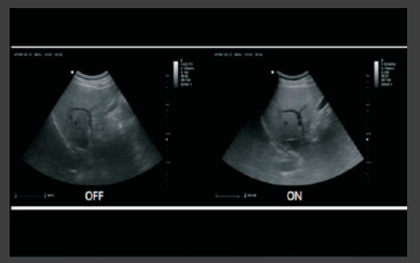
- Frequency Composite Imaging

  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.

