



VU40

Veterinary Color Doppler Ultrasound System

Maximize Your Diagnostic Efficiency



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 Animal Healthcare Solution

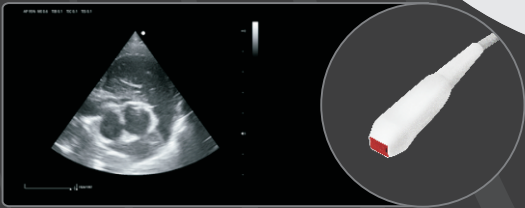
Professional & Highly Tailored

The VU40, equipped with a powerful processing platform and innovative Imaging technology, along with a seamless workflow and dedicated veterinary measurement packages, caters to all the needs of routine veterinary examinations. The most practical system excels in performance and can effectively examine specific areas like Abdomen, Obstetrics, Urology, Cardiology, and Superficial regions across animals of all sizes.

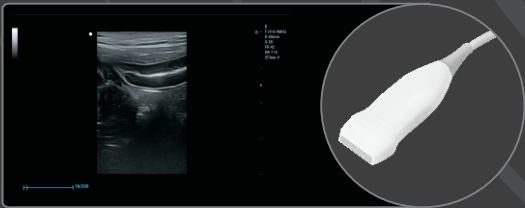
Professional Vet-specific Presets



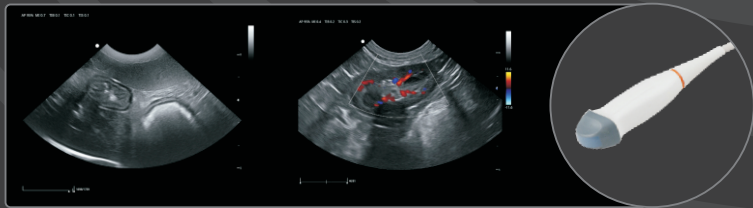
8P2MA
3.5-15.0MHz
Single crystal phased array probe
For Cardiology of felines



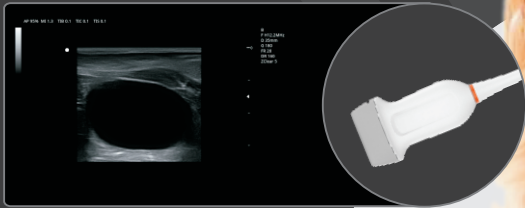
10L2PD
4.2-16.0MHz
High-frequency linear array probe
For Abdomen and Small Parts



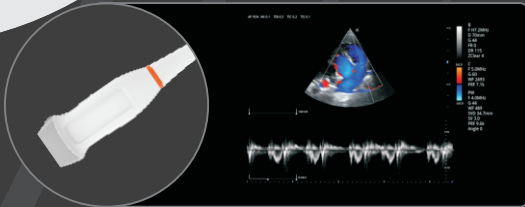
6C1PD
3.5-12.0MHz
Micro convex array probe
For Abdomen, Cardiology, Reproduction



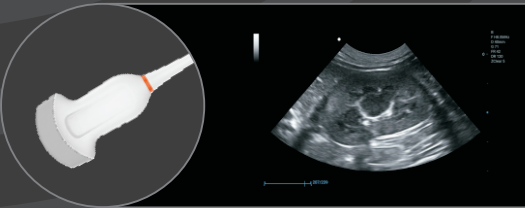
7L4PD
4.2-15.0MHz
Linear array probe
For Abdomen and Small Parts



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



3C5PD
1.0-7.5MHz
Convex array probe
For Abdomen and Reproduction



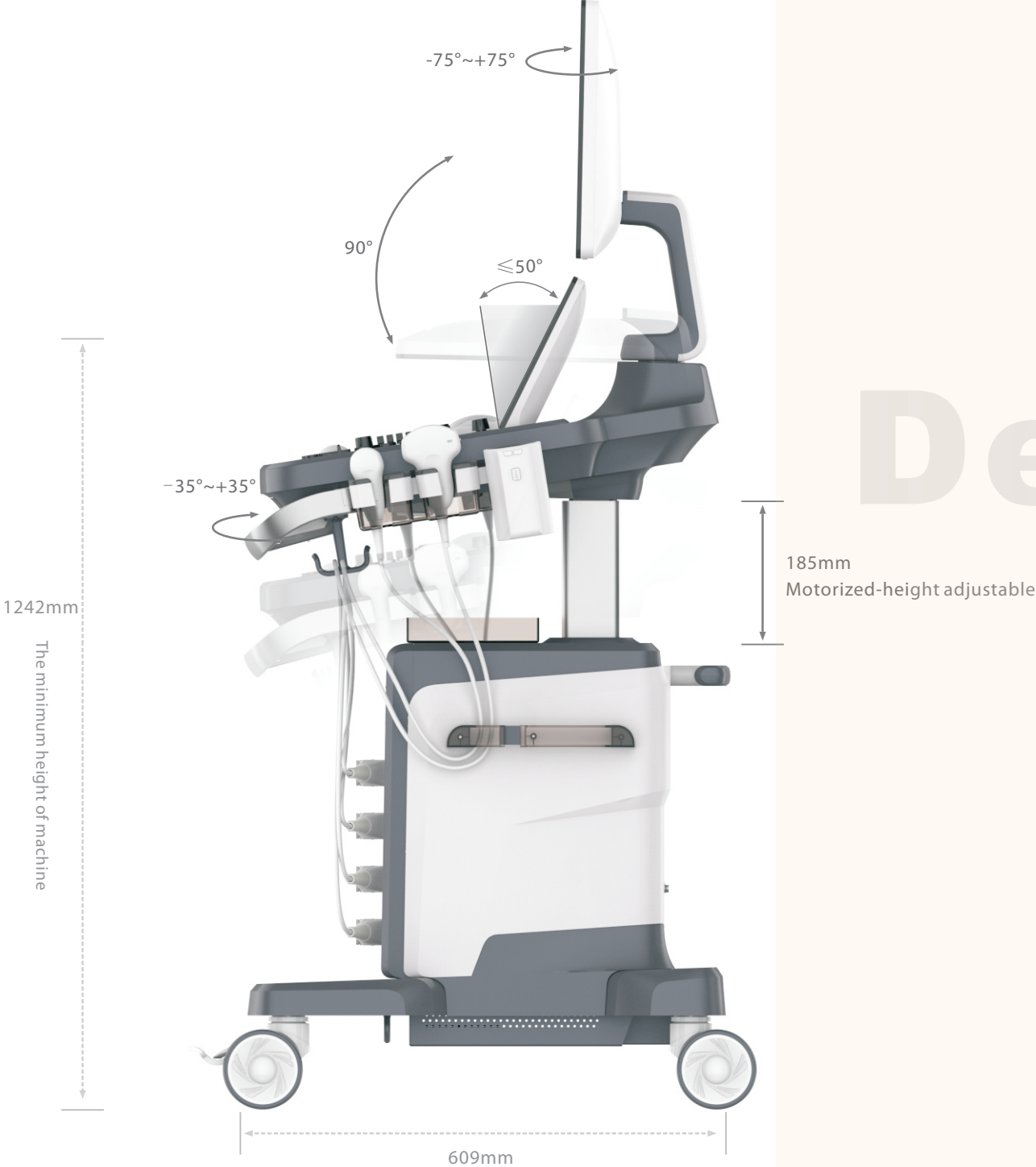
5P1PA
2.5-13.0MHz
Phased array probe
For Cardiology of small and medium-sized canines



*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, VU40 has remarkable adaptability which can fit variable usage scenario for veterinary practice.



Design



21.5" Medical monitor
- Angle adjustable
- Foldable



13.3" High sensitivity touch screen
- Angle adjustable



4 Universal transducer connectors



Optimized control panel
- Motorized-height adjustable
- Angle adjustable



Splash-resistant panel protection film
- Reliable cleaning and disinfection

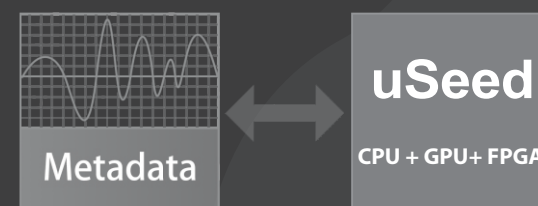


Cable Management



uSeed Platform

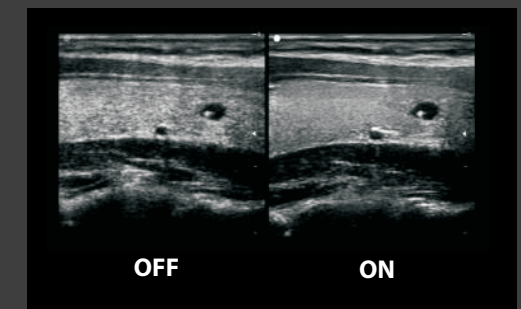
VU 40 facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU+FPGA heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Technologies

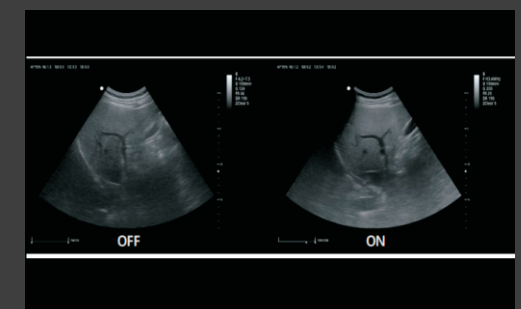
- Frequency Composite Imaging

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.

